

SAS[®] Customer Analytics for Communications 5.3 Data Reference Guide



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SAS® Customer Analytics for Communications 5.3: Data Reference Guide

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SAS Institute Inc., SAS Campus Drive, Cary, North Carolina 27513.

1st electronic book, February 2012

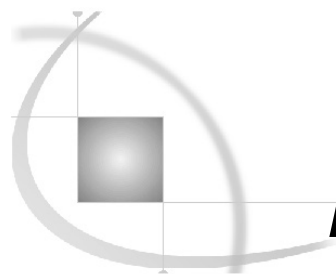
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Contents

	About This Book	v
Part 1	Physical Data Model Diagrams	1
	Chapter 1 Physical Data Model Diagram for Base Tables	3
	Chapter 2 Physical Data Model Diagram for Application Data Mart	5
Part 2	Data Dictionary	7
	Chapter 3 Table Descriptions	9
	Overview	9
	Base Tables for Analytics	9
	Application Data Mart Tables	11
	Common Tables	11
	Solution-Specific Tables	25
	Chapter 4 Column Descriptions of Base Tables for Analytics	27
	Chapter 5 Column Descriptions of Application Data Mart Tables	73
	Common Tables	73
	Solution-Specific Tables	139
Part 3	Data Mapping	143
	Chapter 6 Data Mapping for Base Tables	145



About This Book

<i>About the Data Reference Guide</i>	v
<i>Classification of the SAS Customer Analytics for Communications Data Model</i>	v
<i>Audience</i>	vi

About the Data Reference Guide

This document contains three parts:

Physical Data Model Diagrams

This section gives the physical data models for the Analytics data mart.

Data Dictionary

This section lists the tables and their columns that are contained in the SAS Customer Analytics for Communications 5.3 data model. The tables in the third chapter list all of the tables in the data model. Chapters 4 and 5 list the columns and their descriptions for each table in the SAS Customer Analytics for Communications 5.3 data model.

Data Mapping

This section gives mapping between the base tables for analytics (target tables), and the Foundation data mart tables (source tables). This information will help users to identify the primary source columns that need to be populated in order to populate the target column.

Classification of the SAS Customer Analytics for Communications Data Model

The SAS Customer Analytics for Communications 5.3 data model is classified as mentioned below:

Base tables for analytics

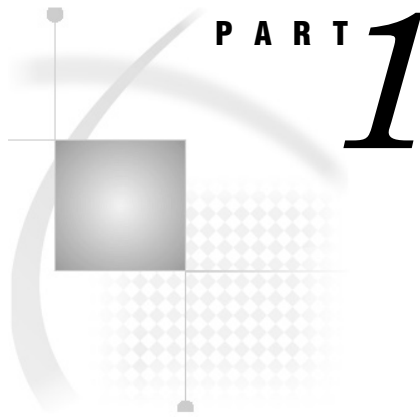
are designed to build an analytical model or to generate scores based on an analytical model.

Application data mart tables

contain data required for the analytical components of SAS Customer Analytics for Communications. The Application data mart tables are further classified as common tables and solution-specific tables.

Audience

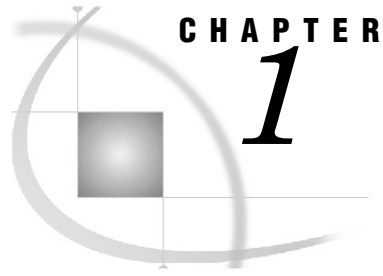
This document is intended for users who will be customizing the Application data mart tables. Moreover, this document will help developers who will be developing the staging ETLs during the implementation stage. In addition, this document will be useful for data modelers who will work on ETL customization. This document will help users to identify the primary source columns that need to be populated in order to populate the target column of the ETLs.



Physical Data Model Diagrams

Chapter 1.....**Physical Data Model Diagram for Base Tables** 3

Chapter 2.....**Physical Data Model Diagram for Application Data Mart** 5



Physical Data Model Diagram for Base Tables

The Physical Data Model Diagram for Base Tables is shown on the next page.

Legend

Base

PRE_PD_USAGE_B

SUBSCRIP_ID: VARCHAR(32) NOT NULL PROD_ID: VARCHAR(32) NOT NULL SERVICE_ID: VARCHAR(32) NOT NULL EVENT_TYPE_ID: VARCHAR(32) NOT NULL USG_DT: DATE NOT NULL TIME_BAND_CD: VARCHAR(10) NOT NULL	CUST_ID: VARCHAR(32) NOT NULL SUBSCRIP_ACTIVATION_DT: DATE NOT NULL EVENT_DIRECTION_CD: VARCHAR(10) NULL NETWORK_TYPE_CD: VARCHAR(10) NULL NETWORK_OPERATOR_ID: VARCHAR(32) NOT NULL EVENT_DSTN_ACCESS_CATEGORY_CD: VARCHAR(10) NULL SERVICE_CATEGORY_CD: VARCHAR(10) NULL SERVICE_DELIVERY_TECH_CD: VARCHAR(10) NULL PROD_ACCESS_CATEGORY_CD: VARCHAR(10) NULL PROD_ACCESS_STANDARD_CD: VARCHAR(10) NULL NUM_OF_FAILED_EVENT: NUMERIC(10) NULL NUM_OF_DROPPED_EVENT: NUMERIC(10) NULL DURATION_OF_EVENT: NUMERIC(10) NULL NUM_OF_EVENT: NUMERIC(10) NULL VOL_OF_EVENT: NUMERIC(10) NULL USG_REVENUE_AMT: NUMERIC(15,3) NULL PROCESSED_DTTM: DATE NOT NULL
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PRE_PD_SERVICE_ACTIVITY_B

SUBSCRIP_ID: VARCHAR(32) NOT NULL PROD_ID: VARCHAR(32) NOT NULL SERVICE_ID: VARCHAR(32) NOT NULL ACTIVITY_STATUS_DT: DATE NOT NULL	CUST_ID: VARCHAR(32) NOT NULL SERVICE_CATEGORY_CD: VARCHAR(10) NULL SERVICE_DELIVERY_TECH_CD: VARCHAR(10) NULL PROD_ACCESS_CATEGORY_CD: VARCHAR(10) NULL PROD_ACCESS_STANDARD_CD: VARCHAR(10) NULL SERVICE_STATUS_CD: VARCHAR(10) NULL SERVICE_STATUS_CHNG_RSN_CD: VARCHAR(10) NULL SERVICE_FIRST_ACTIVATION_DT: DATE NULL PROCESSED_DTTM: DATE NOT NULL
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PRE_PD_CUST_LOYALTY_B

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PST_PD_USAGE_B

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PST_PD_SUBSCRIP_BILL_NONUSAGE_B

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PST_PD_PAYMENT_B

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PST_PD_CUST_LOYALTY_B

CUST_ID: VARCHAR(32) NOT NULL LOYALTY_SCHEME_ID: VARCHAR(32) NOT NULL LOYALTY_TRANSACTION_DT: DATE NOT NULL LOYALTY_TRANSACTION_TYPE_CD: VARCHAR(10) NOT NULL	BILL_CYCLE_DT: DATE NULL BILL_CYCLE_CD: VARCHAR(10) NULL LOYALTY_POINTS: NUMERIC(6) NULL LOYALTY_BONUS_POINTS: NUMERIC(6) NULL PROCESSED_DTTM: DATE NOT NULL
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PRE_PD_EQUIP_ACTIVITY_B

SUBSCRIP_ID: VARCHAR(32) NOT NULL LOYALTY_SCHEME_ID: VARCHAR(32) NOT NULL LOYALTY_TRANSACTION_DT: DATE NOT NULL ACTIVITY_STATUS_DT: DATE NOT NULL	CUST_ID: VARCHAR(32) NOT NULL PROD_ACCESS_CATEGORY_CD: VARCHAR(10) NULL LOYALTY_POINTS: NUMERIC(6) NULL EQUIPMENT_STATUS_CD: VARCHAR(10) NULL EQUIPMENT_STATUS_CHNG_RSN_CD: VARCHAR(10) NULL PROCESSED_DTTM: DATE NOT NULL
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PRE_PD_SUBSCRIP_LOYALTY_B

SUBSCRIP_ID: VARCHAR(32) NOT NULL LOYALTY_SCHEME_ID: VARCHAR(32) NOT NULL LOYALTY_TRANSACTION_DT: DATE NOT NULL LOYALTY_TRANSACTION_TYPE_CD: VARCHAR(10) NOT NULL	CUST_ID: VARCHAR(32) NOT NULL LOYALTY_POINTS: NUMERIC(6) NULL LOYALTY_BONUS_POINTS: NUMERIC(6) NULL PROCESSED_DTTM: DATE NOT NULL
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PRE_PD_USAGE_SUMMARY_B

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PRE_PD_CUST_SNPSHT_B

CUST_ID: VARCHAR(32) NOT NULL SNAPSHOT_DT: DATE NOT NULL	CURR_OFFER_BUNDLE_ID: VARCHAR(32) NOT NULL PREV_OFFER_BUNDLE_ID: VARCHAR(32) NULL OFFER_BUNDLE_CHNG_FLG_CHARACTER(1) NULL OFFER_BUNDLE_CHNG_CNT: NUMERIC(6) NULL BASE_OFFER_ID: VARCHAR(32) NOT NULL BASE_OFFER_CUST_TYPE_CD: VARCHAR(10) NULL BASE_OFFER_PYMNT_MODE_CD: VARCHAR(10) NULL NUM_OF_OFFERS: NUMERIC(10) NULL TOT_SUBSCRIP_ADDED_CNT: NUMERIC(6) NULL TOT_SUBSCRIP_DROPPED_CNT: NUMERIC(6) NULL TOT_SUBSCRIP_ACTIVE_CNT: NUMERIC(6) NULL TOT_SUBSCRIP_VOLUN_DACTVN_CNT: NUMERIC(6) NULL PROCESSED_DTTM: DATE NOT NULL
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PRE_PD_CUST_INTERACTION_B

CUST_ID: VARCHAR(32) NOT NULL INTERACTION_DT: DATE NOT NULL INTERACTION_CATEGORY_CD: VARCHAR(10) NOT NULL INTERACTION_TYPE_CD: VARCHAR(10) NOT NULL INTERACTION_STATUS_CD: VARCHAR(10) NOT NULL INTERACTION_COMM_MEDIUM_CD: VARCHAR(10) NOT NULL	INTERACTION_CNT: NUMERIC(6) NULL PROCESSED_DTTM: DATE NOT NULL
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PST_PD_USAGE_SUMMARY_B

SUBSCRIP_ID: VARCHAR(32) NOT NULL PROD_ID: VARCHAR(32) NOT NULL SERVICE_ID: VARCHAR(32) NOT NULL EVENT_TYPE_ID: VARCHAR(32) NOT NULL TIME_BAND_CD: VARCHAR(10) NOT NULL BILL_CYCLE_DT: DATE NOT NULL	CUST_ID: VARCHAR(32) NOT NULL SUBSCRIP_ACTIVATION_DT: DATE NOT NULL BILL_CYCLE_CD: VARCHAR(10) NULL EVENT_DIRECTION_CD: VARCHAR(10) NULL NETWORK_TYPE_CD: VARCHAR(10) NULL NETWORK_OPERATOR_ID: VARCHAR(32) NOT NULL EVENT_DSTN_ACCESS_CATEGORY_CD: VARCHAR(10) NULL SERVICE_CATEGORY_CD: VARCHAR(10) NULL SERVICE_DELIVERY_TECH_CD: VARCHAR(10) NULL PROD_ACCESS_CATEGORY_CD: VARCHAR(10) NULL PROD_ACCESS_STANDARD_CD: VARCHAR(10) NULL LST_USG_DT: DATE NULL NUM_OF_FAILED_EVENT: NUMERIC(10) NULL NUM_OF_DROPPED_EVENT: NUMERIC(10) NULL DURATION_OF_EVENT: NUMERIC(10) NULL NUM_OF_EVENT: NUMERIC(10) NULL VOL_OF_EVENT: NUMERIC(10) NULL USG_REVENUE_AMT: NUMERIC(15,3) NULL PROCESSED_DTTM: DATE NOT NULL
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PST_PD_SERVICE_ACTIVITY_B

SUBSCRIP_ID: VARCHAR(32) NOT NULL ACTIVITY_STATUS_DT: DATE NOT NULL PROD_ID: VARCHAR(32) NOT NULL SERVICE_ID: VARCHAR(32) NOT NULL	CUST_ID: VARCHAR(32) NOT NULL BILL_CYCLE_DT: DATE NULL BILL_CYCLE_CD: VARCHAR(10) NULL PROD_ACCESS_CATEGORY_CD: VARCHAR(10) NULL PROD_ACCESS_STANDARD_CD: VARCHAR(10) NULL SERVICE_CATEGORY_CD: VARCHAR(10) NULL SERVICE_DELIVERY_TECH_CD: VARCHAR(10) NULL SERVICE_STATUS_CD: VARCHAR(10) NULL SERVICE_STATUS_CHNG_RSN_CD: VARCHAR(10) NULL SERVICE_FIRST_ACTIVATION_DT: DATE NULL PROCESSED_DTTM: DATE NOT NULL
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PST_PD_PAYMENT_DRVD_B

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PST_PD_SUBSCRIP_LOYALTY_B

SUBSCRIP_ID: VARCHAR(32) NOT NULL LOYALTY_SCHEME_ID: VARCHAR(32) NOT NULL LOYALTY_TRANSACTION_DT: DATE NOT NULL LOYALTY_TRANSACTION_TYPE_CD: VARCHAR(10) NOT NULL	CUST_ID: VARCHAR(32) NOT NULL BILL_CYCLE_DT: DATE NULL BILL_CYCLE_CD: VARCHAR(10) NULL LOYALTY_POINTS: NUMERIC(6) NULL LOYALTY_BONUS_POINTS: NUMERIC(6) NULL PROCESSED_DTTM: DATE NOT NULL
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PST_PD_EQUIP_ACTIVITY_B

SUBSCRIP_ID: VARCHAR(32) NOT NULL PROD_ID: VARCHAR(32) NOT NULL ACTIVITY_STATUS_DT: DATE NOT NULL	CUST_ID: VARCHAR(32) NOT NULL BILL_CYCLE_DT: DATE NULL BILL_CYCLE_CD: VARCHAR(10) NULL PROD_ACCESS_CATEGORY_CD: VARCHAR(10) NULL PROD_ACCESS_STANDARD_CD: VARCHAR(10) NULL EQUIPMENT_STATUS_CD: VARCHAR(10) NULL EQUIPMENT_STATUS_CHNG_RSN_CD: VARCHAR(10) NULL PROCESSED_DTTM: DATE NOT NULL
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PST_PD_CUST_OFFER_SNPSHT_B

CUST_ID: VARCHAR(32) NOT NULL INTERACTION_DT: DATE NOT NULL OFFER_ID: VARCHAR(32) NOT NULL SNAPSHOT_DT: DATE NOT NULL	BILL_CYCLE_CD: VARCHAR(10) NULL BILL_CYCLE_DT: DATE NULL OFFER_BUNDLE_ID: VARCHAR(32) NOT NULL OFFER_TYPE_CD: VARCHAR(10) NULL OFFER_CUST_TYPE_CD: VARCHAR(10) NULL OFFER_PYMNT_MODE_CD: VARCHAR(10) NULL OFFER_SEGMENT_CD: VARCHAR(10) NULL CAMPAIGN_CD: VARCHAR(10) NULL AGRMNT_TYPE_CD: VARCHAR(10) NULL AGRMNT_START_DT: DATE NOT NULL AGRMNT_TERM_DT: DATE NOT NULL SALES_CHANNEL_ID: VARCHAR(32) NULL CHANNEL_TYPE_CD: VARCHAR(10) NULL PROCESSED_DTTM: DATE NOT NULL
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PST_PD_CUST_INTERACTION_B

CUST_ID: VARCHAR(32) NOT NULL INTERACTION_DT: DATE NOT NULL INTERACTION_TYPE_CD: VARCHAR(10) NOT NULL INTERACTION_COMM_MEDIUM_CD: VARCHAR(10) NOT NULL INTERACTION_STATUS_CD: VARCHAR(10) NOT NULL INTERACTION_CATEGORY_CD: VARCHAR(10) NOT NULL	BILL_CYCLE_DT: DATE NULL BILL_CYCLE_CD: VARCHAR(10) NULL INTERACTION_CNT: NUMERIC(6) NULL PROCESSED_DTTM: DATE NOT NULL
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PRE_PD_USAGE_RECHARGE_B

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PRE_PD_CUST_OFFER_SNPSHT_B

CUST_ID: VARCHAR(32) NOT NULL SNAPSHOT_DT: DATE NOT NULL	OFFER_BUNDLE_ID: VARCHAR(32) NOT NULL OFFER_TYPE_CD: VARCHAR(10) NULL OFFER_CUST_TYPE_CD: VARCHAR(10) NULL OFFER_PYMNT_MODE_CD: VARCHAR(10) NULL OFFER_SEGMENT_CD: VARCHAR(10) NULL CAMPAIGN_CD: VARCHAR(10) NULL AGRMNT_TYPE_CD: VARCHAR(10) NULL AGRMNT_START_DT: DATE NOT NULL AGRMNT_TERM_DT: DATE NOT NULL SALES_CHANNEL_ID: VARCHAR(32) NULL CHANNEL_TYPE_CD: VARCHAR(10) NULL PROCESSED_DTTM: DATE NOT NULL
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PRE_PD_SUBSCRIP_INTERACTION_B

SUBSCRIP_ID: VARCHAR(32) NOT NULL INTERACTION_DT: DATE NOT NULL INTERACTION_CATEGORY_CD: VARCHAR(10) NOT NULL INTERACTION_TYPE_CD: VARCHAR(10) NOT NULL INTERACTION_STATUS_CD: VARCHAR(10) NOT NULL INTERACTION_COMM_MEDIUM_CD: VARCHAR(10) NOT NULL	CUST_ID: VARCHAR(32) NOT NULL INTERACTION_CNT: NUMERIC(6) NULL PROCESSED_DTTM: DATE NOT NULL
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PST_PD_CUST_BILL_B

CUST_ACCT_ID: VARCHAR(32) NOT NULL BILL_ID: VARCHAR(32) NOT NULL	BILL_DT: DATE NULL CUST_ID: VARCHAR(32) NOT NULL CURR_OFFER_BUNDLE_ID: VARCHAR(32) NOT NULL PREV_OFFER_BUNDLE_ID: VARCHAR(32) NULL OFFER_BUNDLE_CHNG_FLG_CHARACTER(1) NULL BILL_USG_AMT: NUMERIC(15,3) NULL BILL_NET_PAYABLE_AMT: NUMERIC(15,3) NULL BILL_DISCOUNT_AMT: NUMERIC(15,3) NULL BILL_NON_USG_ONE_TIME_AMT: NUMERIC(15,3) NULL BILL_NON_USG_PRRG_AMT: NUMERIC(15,3) NULL BILL_PYMNT_DUE_DT: DATE NULL PROCESSED_DTTM: DATE NOT NULL
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PST_PD_CUST_BILL_NONUSAGE_B

CUST_ACCT_ID: VARCHAR(32) NOT NULL BILL_ID: VARCHAR(32) NOT NULL CHRG_TYPE_CD: VARCHAR(10) NOT NULL PROD_ID: VARCHAR(32) NOT NULL SERVICE_ID: VARCHAR(32) NOT NULL OFFER_ID: VARCHAR(32) NOT NULL	BILL_DT: DATE NULL CUST_ID: VARCHAR(32) NOT NULL BILL_CYCLE_CD: VARCHAR(10) NULL BILL_CYCLE_DT: DATE NULL SERVICE_CATEGORY_CD: VARCHAR(10) NULL SERVICE_DELIVERY_TECH_CD: VARCHAR(10) NULL PROD_ACCESS_CATEGORY_CD: VARCHAR(10) NULL PROD_ACCESS_STANDARD_CD: VARCHAR(10) NULL BILL_NON_USG_AMT: NUMERIC(15,3) NULL BILL_NON_USG_DISCOUNT_AMT: NUMERIC(15,3) NULL PROCESSED_DTTM: DATE NOT NULL
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PST_PD_BILL_USAGE_B

CUST_ACCT_ID: VARCHAR(32) NOT NULL SUBSCRIP_ID: VARCHAR(32) NOT NULL BILL_ID: VARCHAR(32) NOT NULL PROD_ID: VARCHAR(32) NOT NULL SERVICE_ID: VARCHAR(32) NOT NULL EVENT_TYPE_ID: VARCHAR(32) NOT NULL	CUST_ID: VARCHAR(32) NOT NULL BILL_CYCLE_CD: VARCHAR(10) NULL BILL_CYCLE_DT: DATE NULL BILL_USG_AMT: NUMERIC(15,3) NULL BILL_USG_DISCOUNT_AMT: NUMERIC(15,3) NULL EVENT_DIRECTION_CD: VARCHAR(10) NULL NETWORK_OPERATOR_ID: VARCHAR(32) NOT NULL EVENT_DSTN_ACCESS_CATEGORY_CD: VARCHAR(10) NULL SERVICE_CATEGORY_CD: VARCHAR(10) NULL SERVICE_DELIVERY_TECH_CD: VARCHAR(10) NULL DUR_LST_RCHRG_FRST_DECR: NUMERIC(10) NULL DUR_FRST_DECR_FRM_ACTVN: NUMERIC(10) NULL DUR_FRST_RCHRG_FRM_ACTVN: NUMERIC(10) NULL PROCESSED_DTTM: DATE NOT NULL
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PST_PD_CUST_SNPSHT_B

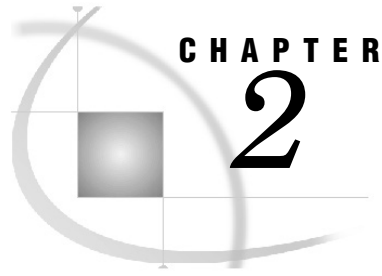
CUST_ID: VARCHAR(32) NOT NULL SNAPSHOT_DT: DATE NOT NULL	BILL_CYCLE_CD: VARCHAR(10) NULL BILL_CYCLE_DT: DATE NULL CURR_OFFER_BUNDLE_ID: VARCHAR(32) NOT NULL PREV_OFFER_BUNDLE_ID: VARCHAR(32) NULL OFFER_BUNDLE_CHNG_FLG_CHARACTER(1) NULL OFFER_BUNDLE_CHNG_CNT: NUMERIC(6) NULL BASE_OFFER_ID: VARCHAR(32) NOT NULL BASE_OFFER_CUST_TYPE_CD: VARCHAR(10) NULL BASE_OFFER_PYMNT_MODE_CD: VARCHAR(10) NULL BASE_OFFER_SEGMENT_CD: VARCHAR(10) NULL NUM_OF_OFFERS: NUMERIC(10) NULL TOT_SUBSCRIP_ADDED_CNT: NUMERIC(6) NULL TOT_SUBSCRIP_DROPPED_CNT: NUMERIC(6) NULL TOT_SUBSCRIP_ACTIVE_CNT: NUMERIC(6) NULL TOT_SUBSCRIP_VOLUN_DACTVN_CNT: NUMERIC(6) NULL PROCESSED_DTTM: DATE NOT NULL
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PST_PD_CUST_ACCT_SNPSHT_B

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PST_PD_SUBSCRIP_INTERACTION_B

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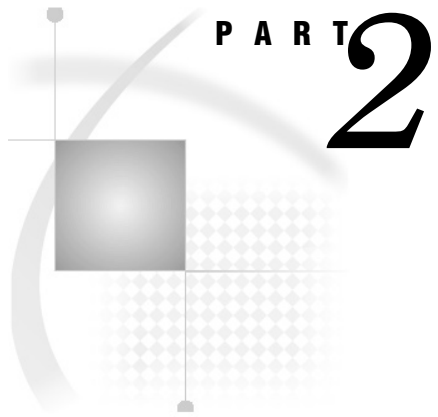


CHAPTER

2

Physical Data Model Diagram for Application Data Mart

The Physical Data Model Diagram for Application Data Mart is shown on the next page.



Data Dictionary

Chapter 3..... **Table Descriptions** 9

Chapter 4..... **Column Descriptions of Base Tables for Analytics** 27

Chapter 5..... **Column Descriptions of Application Data Mart Tables** 73

Table Descriptions

Overview.....	9
Base Tables for Analytics.....	9
Application Data Mart Tables.....	11
Common Tables	11
Solution-Specific Tables.....	25

Overview

Here is the classification of tables in the SAS Customer Analytics for Communications 5.3 data model:

- ❑ Base tables for analytics
- ❑ Application data mart tables

Base Tables for Analytics

Here is an alphabetic list of base tables for analytics with their descriptions.

Table 3.1 Base Tables for Analytics

Table	Description
PRE_PD_CUST_INTERACTION_B	Contains customer interaction information for prepaid customers.
PRE_PD_CUST_LOYALTY_B	Contains loyalty points for prepaid customers.
PRE_PD_CUST_OFFER_SNPSHT_B	Contains details about all the offers that a prepaid customer owns.
PRE_PD_CUST_SNPSHT_B	Contains details about the current and previous offer bundle and subscription status (counts of activation and deactivation) for prepaid customers.
PRE_PD_EQUIP_ACTIVITY_B	Contains information about status and the corresponding reason for status change for various pieces of equipment that are owned by prepaid customers.
PRE_PD_SERVICE_ACTIVITY_B	Contains information about various services and the corresponding status for these services that are owned by prepaid customers.
PRE_PD_SUBSCRIP_BUCKET_DRVD_B	A derived base table, which contains pre-calculated bucket-level customer variables that are needed for analytical processing. Examples of variables include duration between the first recharge and activation.

Table	Description
PRE_PD_SUBSCRIP_BUCKET_USAGE_B	A daily snapshot table, which contains the recharge closing balance and usage decrement value for all the prepaid customers.
PRE_PD_SUBSCRIP_INTERACTION_B	Contains information about subscription-level interaction for prepaid customers.
PRE_PD_SUBSCRIP_LOYALTY_B	Contains loyalty points for prepaid customers at a subscription level.
PRE_PD_SUBSCRIP_USAGE_DRVD_B	Is a derived base table, which contains pre-calculated variables at subscription level. These variables are required for analytical processing such as duration of last recharge from first usage.
PRE_PD_USAGE_B	Contains usage information for prepaid customers.
PRE_PD_USAGE_RECHARGE_B	Contains recharge information for prepaid customers.
PRE_PD_USAGE_SUMMARY_B	Contains the weekly aggregated usage data of prepaid customers.
PST_PD_BILL_USAGE_B	Contains the bill usage data for postpaid customers.
PST_PD_CUST_ACCT_SNPSHT_B	Contains derived information about customer's account for postpaid customers.
PST_PD_CUST_BILL_B	Contains bill-related information for postpaid customers.
PST_PD_CUST_BILL_NONUSAGE_B	Contains non-usage related bill information for postpaid customers.
PST_PD_CUST_INTERACTION_B	Contains interaction-related information for postpaid customers.
PST_PD_CUST_LOYALTY_B	Contains loyalty points for postpaid customers.
PST_PD_CUST_OFFER_SNPSHT_B	Contains details about all the offers that postpaid customers own.
PST_PD_CUST_SNPSHT_B	Contains details about postpaid customers for current and previous offer bundle and subscription status (counts of activation and deactivation).
PST_PD_EQUIP_ACTIVITY_B	Contains information about the status and the corresponding change reason for the status for various pieces of equipment that are owned by postpaid customers.
PST_PD_PAYMENT_B	Contains payment-related information for postpaid customers.
PST_PD_PAYMENT_DRVD_B	Contains payment-related derived information for postpaid customers.
PST_PD_SERVICE_ACTIVITY_B	Contains information about various services and status for services that are owned by postpaid customers.
PST_PD_SUBSCRIP_BILL_NONUSAGE_B	Contains non-usage bill information at subscription for postpaid customers.
PST_PD_SUBSCRIP_INTERACTION_B	Contains interaction-related information at subscription level for postpaid customers.
PST_PD_SUBSCRIP_LOYALTY_B	Contains loyalty points for subscriptions of postpaid customers.

Table	Description
PST_PD_USAGE_B	Contains the usage-related information for postpaid customers.
PST_PD_USAGE_SUMMARY_B	Contains the bill monthly aggregated usage data of postpaid customers.

Application Data Mart Tables

Common Tables

Here is an alphabetic list of common tables of the Application data mart with their descriptions.

Table 3.2 Common Tables of Application Data Mart

Table Name	Description
ACTION_MASTER	Describes the actions such as create project, create ABT, capture model, and so on) that are currently supported by the application. The records in this table are pre-packaged with the solution. The values in this table are used in internal logic and should not be edited during implementation.
ACTUAL_RESULT_CONTROL_DETAIL	<p>Contains the information about actual run that is scheduled for each successfully conducted scoring run of a model. It contains one record for each actual calculations run.</p> <p>Note: This table is not applicable for segmentation type of models.</p> <p>At the start of a new actual calculation run, this table: Decides the latest date until which the input mart is successfully loaded by lookup in the input mart control table.</p> <p>Checks the SCORING_CONTROL_DETAIL table to verify whether there are some scoring runs for which actual runs are not yet complete. For example, if actual calculation run is not complete for OUTCOME_PERIOD_END_DTTM corresponding to a given SCORING_AS_OF_DTTM, then ACTUAL_RESULT_RUN_ACTIVE_FLG = Y. If there are no active actual calculation runs pending, it does not do anything. If there are active actual calculation runs, it decides the maximum date until which actual calculation run is already done. These calculations are done for each such scoring run that corresponds to a given scoring template.</p> <p>Compares that date with the date for which actual calculations can be done, that is, the minimum of 'latest</p>

Table Name	Description
	<p>input mart load date' and 'outcome period date for that scoring run'. Based on that, it decides whether actual calculation run is to be done and on which date. Then it starts the process of actual calculation according to that date.</p> <p>At the end of the actual calculation job, execution that corresponds to a scoring run of a scoring template, the status is written to the ACTUAL_CONTROL_DETAIL table.</p>
AGGREGATION_TYPE_MASTER	Describes aggregations such as SUM, MIN, MAX, AVG, or Count that are currently supported for ABT variable definition. The records in this table are pre-packaged with the solution. During implementation, you can edit the AGGREGATION_TYPE_SHORT_NM and AGGREGATION_TYPE_DESC columns, which are used for display in the user interface. However, values in the AGGREGATION_TYPE_CD column are used in internal logic and should not be edited.
BEHAVIORAL_VARIABLE	Contains information that is specific to behavioral variables, such as number of transactions in the past six months or average balance in the last fifteen days. It is the sub table of the VARIABLE_MASTER table.
COLUMN_DATA_TYPE_MASTER	Contains the master list of column data types such as numeric, character, date, and date time. This table is used to define the column data types for input source table and variable columns. The records in this table are pre-packaged with the solution. During implementation, you can edit the COLUMN_TYPE_SHORT_NM and COLUMN_TYPE_DESC columns. These columns are used for display in the user interface. However, values in the COLUMN_TYPE_CD column are used in internal logic and should not be edited.
COLUMN_TYPE_MASTER	<p>Contains the master list of column types such as measure, dimensional attribute, date, and key. The records in this table are pre-packaged with the solution. During implementation, you can edit the COLUMN_TYPE_SHORT_NM and COLUMN_TYPE_DESC columns. These columns are used for display in the user interface. However, values in the COLUMN_TYPE_CD column are used in internal logic and should not be edited.</p> <p>The descriptions of some of the column type values are as follows:</p> <p>Measure: The numeric column that contains facts, measurements, or metrics, such as transaction amount, balance amount. You can also perform aggregations on this column type. The corresponding value in the COLUMN_TYPE_CD column is "MSR".</p>

Table Name	Description
	<p>Dimensional attributes: The descriptive character column such as city, age, and pin code that can be used to constrain and group data. The corresponding value in the COLUMN_TYPE_CD column is "DIM".</p> <p>Dates: The date columns such as transaction date and inquiry date. The corresponding value in the COLUMN_TYPE_CD column is "DAT".</p> <p>Keys: The columns for the primary key, foreign key or surrogate key, such as transaction date and inquiry date. The corresponding value in the COLUMN_TYPE_CD column is "KEY".</p>
COLUMN_USAGE_MASTER	<p>Contains the master list of column usage that is currently required to be defined for few columns of a source table. Records in this table are pre-packaged with the solution. During implementation, you can edit the COLUMN_USAGE_SHORT_NM and COLUMN_USAGE_DESC columns. These columns are used for display in the user interface. However, values in the COLUMN_USAGE_CD column are used in internal logic and should not be edited.</p> <p>The descriptions of some column usage values are as follows:</p> <p>Dates that are used for extracting time-period- specific data. Column with this usage is required only in the source table for behavioral variables. Only one such column per source table for behavioral variable is expected. The corresponding value in the COLUMN_USAGE_CD column is "DT_EXTR".</p> <p>Dates that are used for sorting source records to identify the most recent record. Column with this usage is required only in the source table for recent variables. The corresponding value in the COLUMN_USAGE_CD column is "RECENT".</p> <p>VALID_FROM and VALID_TO dates, which are used to identify a single valid record valid as of ABT date. Columns with these two usages are required only in source table for supplementary variables and for subset query. The corresponding values in the COLUMN_USAGE_CD column are "VALID_FR" and "VALID_TO". Only one such column per source table for supplementary variables and subset query is expected.</p>
DABT_CONFIG_PARAM_DTLS	<p>Stores the list of global parameters and corresponding values. These parameters are used internally by the code logic. This parameter table is pre-populated with the existing list of parameters and values. You should</p>

Table Name	Description
	never edit the name or the data type of the existing parameter, unless the EDITABLE_FLG for that parameter is 'Y'. Additional parameters that should be used for customization can be added to this table in a similar way.
DERIVED_VAR_X_EXPRESSION_VAR	Defines an expression of a derived variable. It is the mapping table between derived variable and other variables.
DERIVED_VARIABLE	Contains information about derived variables. Simple derived and complex derived variables are the two sub types of the derived variables. It is the sub table of the VARIABLE_MASTER table.
ENTITY_LEVEL_MASTER	Contains information about the level that the output of the analytical model (rules or propensity scores) supports. For example, rules can be built at various levels such as products, items, services, offers, and equipment. This table lists all the levels of the various analytical models that the solution supports.
ENTITY_MASTER	Describes the entity such as project, subset, and ABT that is supported by the application. The records in this table are pre-packaged with the solution. The values in this table are used in internal logic and should not be edited during implementation.
ENTITY_PRODUCT_WISE_SK_RANGE	Contains configuration to specify different ranges for different products. APDM tables can be shared across multiple product or solutions.
EVENT_MAPPING_DTL	Stores the configuration of an event to its applicable purpose and level combination.
EVENT_MASTER	Contains events that are applicable when reference date of each subject changes during build ABT process and do not remain same as build date.
FILTER_NODE_EXPRSSN_X_VALUE	Stores details about the filter expressions that involve dimensional attribute value in their expression.
IMPLICIT_SUBSET_SPCFCTN_DTL	Contains implicit subset filter configuration.
IMPLICIT_VAR_SPECIFICATION_DTL	<p>Contains implicit variable specifications. All implicit variables should be linked to some ABT. Do not put more than one variable of same definition as implicit variable for same PURPOSE, LEVEL, AVAILABLE_FOR_ABT_TIME_GRAIN_SK.</p> <p>If implicit variable is a derived variable, then its expression variable should not be added to this table. They automatically are imported in respective ABT.</p> <p>Every variable added in this table will be part of Modeling ABT with outcome variable defined as per MDL_ABT_OUTCOME_VARIABLE_FLG, but it will be</p>

Table Name	Description
	<p>part of Scoring ABT only if APPLICABLE_FOR_SCR_PROCESS_FLG = Y. All variables added to scoring ABT are Input Variables. None of them will be outcome variable.</p> <p>The variable will also be part of Actual ABT only if APPLICABLE_FOR_ACT_PROCESS_FLG = Y. All variables added to Actual ABT are outcome variables. None of them are input variables.</p> <p>Same variable should not be added twice as one with outcome and one with input variable.</p> <p>If a variable with AVAILBLE_FOR_AB_TTIME_GRAIN_SK (TIMFREQFENCY_SK of Monthly) are available for import into ABT with SOURCE_DATA_TTIME_GRAIN_SK (TIMFREQFENCY_SK of Monthly).</p> <p>If a variable with AVAILBLE_FOR_AB_TTIME_GRAIN_SK (TIMFREQFENCY_SK of Daily) are available for import into ABT with SOURCE_DATA_TTIME_GRAIN_SK (TIMFREQFENCY_SK of Daily).</p> <p>If a variable is to be imported in both daily and monthly ABT, then two records should be added to IMPLICIT_VAR_SPECIFICATION_DTL for same variable_sk. One for daily and monthly time grain SK.</p> <p>You should not configure the variable defined in terms of day's grain (like behavioral variable referring to time period of last 3_days) as available for monthly grain ABT, if the source table for that variable is at monthly grain.</p> <p>You can configure the variable defined in terms of monthly grain (like behavioral variable referring to time period of last 3_Months) as available for monthly or daily grain ABT, if the source table for that variable is at daily or monthly grain.</p> <p>Variables marked as APPLICABLE_FOR_SCR_PROCESS_FLG = Y should not be marked as outcome variable.</p>
LEVEL_ASSOC	It helps in deciding mapping between the level of project and available associated consolidated level. It is the mapping table between multiple levels.
LEVEL_MASTER	Contains information about the various possible levels of the ABT such as Customer or Account.

Table Name	Description
LIBRARY_MASTER	Contains the library reference for various input tables or views that are required for data processing. For example, input tables for ABT are used to define subset criterion. These details of library reference and statement are used during data processing.
LIFETIME_TIMEUNIT_MASTER	Stores values for time units such as day, week, month, quarter, semi-year, and year in which the lifetime can be computed by analytical model such as survival model in SAS Enterprise Miner. The list of time units that SAS Enterprise Miner supports should match with the time units listed in this table.
MDL_ABT_LAST_RUN_AS_OF_DT_DTL	Contains details about the last built of modeling ABT. It contains one or more 'as of date' for which ABT was built last time. For non-stacked ABT, it contains only one record per ABT. For stacked ABT, it contains more than one date depending on stacked ABT specifications. It is populated independent of whether the ABT build was successful or unsuccessful.
MDL_EVL_LAST_RUN_AS_OF_DT_DTL	Stores details related to last run of model evaluation.
MODEL_MASTER	Is the master table for analytical model that is built using modeling ABT and is used to score scoring ABT. It is developed using Web interface that is provided with the application or using SAS Enterprise Miner.
MODEL_OUTPUT_COLUMN	Contains the list of model scoring output. These are output columns of scoring code. This information is captured from the metadata of the registered model.
MODEL_RULE_MASTER	Contains analytical rules such as the rules generated from association or market base analysis (MBA) model. This table stores the details about the rules from captured models. The entry for rules is made into these tables whenever the corresponding metadata registered analytical model is captured through the application UI.
MODEL_SCORING_OUTPUT_COLUMN	<p>Contains the list of model scoring output. These are output columns when scoring code is applied on scoring ABT. The model is submitted for scoring (registered) from project work space. This table contains information about scoring output columns of the model. This information is captured from metadata of registered model. All those scoring output columns that need to be stored under predicted scoring result-related table have the name of corresponding column of predicted scoring result-related table specified in CORRSPNDNG_SCR_RSLT_COLUMN_NM.</p> <p>Logic of mapping between scoring output column and corresponding column in predicted scoring result table is specific to model type, project purpose. For</p>

Table Name	Description
	propensity model, typically only scoring output column with name as 'P_ '<Binary Outcome Column Name>'1' is stored in PREDICTED_TARGET_PROBABILITY column of predicted scoring result-related table. This table is applicable for segmentation type of models too.
MODEL_SEGMENT_MASTER	Stores the list of possible segments for a given model.
MODEL_STATUS_MASTER	Contains the status that is applicable for analytical model. The model submitted for scoring and model not submitted are the two possible values in the table.
MODEL_X_MODELING_ABT	It is an intersection table between analytical model and modeling ABT. This many-to-many relationship is designed for future release. Currently, only one-to-one relationship in model and ABT is supported.
MODEL_X_SIGNIFICANT_VARIABLE	Contains all the significant variables. It does not contain the expression variable that is used in the expression of significant variables.
MODELING_ABT_MASTER	Contains the information about modeling ABT.
MODELING_ABT_STATUS_MASTER	Contains the status applicable for modeling ABT. It has three possible values: Not built: This value is applicable for new ABT, ABT modified after last build, and subset criterion modified after last build. Built: This value is applicable for first built, built after changes, same ABT built again as of same date, and built as of new date without any change in ABT or subset criterion. Submitted for Modeling.
MODELING_ABT_X_VARIABLE	Contains the intersection table that is used to associate modeling ABT with its variables. One variable can be used in multiple ABTs. In a project, we cannot have two variables across ABT, of different definition, with the same physical column name. This is done to avoid problems during significant variable identification and scoring. This table contains information about all input variables required in the final ABT. It contains other variables that are used in the expression of input variables of derived type. It also contains information about model's outcome variable that is calculated as of outcome period end date. This table does not contain information about those expression variables that are used in deriving outcome variables. When required, this information needs to be extracted from VARIABLE_MASTER and DERIVED_VAR_X_EXPRESSION_VAR.
OPERATOR_MASTER	Describes all the operators that are currently supported while specifying subset query where conditions.

Table Name	Description
POST_ACTION_MACRO_CONFIG_DTL	Stores configuration of macro to be called post certain actions.
PRODUCT_WISE_VALID_PURPOSE_CD	Stores the list of purpose code and its association with the respective product.
PROJECT_MASTER	Contains the grouping of various entities required for an analytical solution to a problem of specific purpose. It includes subset query, modeling ABT, and analytical model.
PURPOSE_LEVEL_CONFIG_DTL	Stores configuration defined for a given purpose and level combination.
PURPOSE_LEVEL_LIFETIME_CONFIG	Captures the desired lifetime unit configuration for purpose and level, such as the customer lifetime value models that are built at customer level, using survival node in SAS Enterprise Miner. This table should be populated with correct values for keys for purpose, level, and the desired time unit for lifetime.
PURPOSE_MASTER	Contains various possible purposes as supported by the solution such as retention, cross-sell, up-sell, and segmentation. Records in this table are pre-packaged with the solution. During implementation, you can edit the PURPOSE_SHORT_NM and PURPOSE_DESC columns that are used for display in the user interface. Values in the PURPOSE_CD column are used in internal logic and should not be edited.
PURPOSE_TIME_GRAIN_CONFIG_DTL	Stores the configuration defined for a given purpose and time frequency combination.
PURPOSE_X_LEVEL	It is the mapping table between project purpose and level (subject of analysis). This mapping is applicable only during project definition. It is applicable only for primary level selection for a project of specific purpose.
RECENT_VARIABLE	Contains information that is specific to recent based variables, such as 'Date of Recent Deposits Type of Transaction' and 'Amount of Recent Withdrawal through Branch'. It is the sub table of the VARIABLE_MASTER table.
SCORING_CONTROL_DETAIL	Stores the log of each scoring run. At the end of a scoring job execution, its status is written to the APDM.SCORING_CONTROL_DETAIL table corresponding to that scoring template. It contains one record corresponding to each run with its status as Success or Fail. At the start of any new scoring job execution, it decides the date until which input mart is successfully loaded by lookup in the Input mart load control table. Then it looks up in the SCORING_CONTROL_DETAIL table to check whether scoring for a scoring template is successfully done for that date. If yes, it does not do anything. If not,

Table Name	Description
	it does the scoring as of the latest input mart load date.
SCORING_MODEL	Contains snapshot of the required details of a model after the model is submitted for scoring (registered) from the project work space. This information is used while defining the scoring job.
SCORING_MODEL_RULE_MASTER	Contains analytical rules that are generated from the association or MBA model. This table stores the details about the rules from the captured models. The entry for these rules is made into the tables whenever the corresponding captured analytical model is published for scoring through the application GUI.
SCORING_MODEL_RULE_DTLS	Stores details about the rules generated by published models. All rules of the SCORING_MODEL_RULE_MASTER table are stored in normalized form in this table. The number of records in this table would correspond to total size of left and right hand of the rule. If the left hand of the rule has two items and right hand of the rule has two items, then three records would be inserted for that rule in this table. For example, one record in the SCORING_MODEL_RULE_MASTER table can look like 'SERVICE_1 & SERVICE_28 --> SERVICE --8'. Three records will be created for the same rule in this table. If entity level of the scoring rule model is service, then there will be three entries for unit ID, two with LHS as RULE_UNIT_TYPE_CD and UNIT_ID as 'SERVICE_1' , and the other with RULE_UNIT_TYPE_CD as 'RHS' and UNIT_ID as 'SERVICE_8' respectively.
SCORING_MODEL_SEGMENT_MASTER	Stores the list of possible segments for a given model.
SCORING_TEMPLATE_DETAIL	Contains information about the scoring ABT and job schedule. The scoring ABT is created with variables required for scoring of a model. The scoring then happens for a defined model and scores are written to a scoring result table.
SCR_MODEL_X_ACT_OUTCOME_VAR	Contains information about those variables that are marked as outcome variables in the corresponding modeling ABT, after the model is submitted for scoring (registered) from the project work space. These variables have the following value OUTCOME_VARIABLE_FLG = '1'. It also contains information about those expression variables that are used in deriving outcome variables. These variables have the following value OUTCOME_VARIABLE_FLG = '0'. All those variables that need to be tracked or stored under the actual result-related table, has the name of the corresponding column of the actual result-related

Table Name	Description
	table. These details are specified in the CORRESPNDNG_ACT_RSLT_CLMN_NM column. The logic of mapping between the scoring outcome variable and put column, and the corresponding column in the actual result table is specific to model type and project purpose. Only the variable that is directly marked as outcome is stored in the actual result-related table. In some scenarios, you can track or store actual values of expression variables that were not directly marked as outcome variable. No records exist in this table for the segmentation type of models. Therefore, this table is not applicable for segmentation type of model.
SCR_MODEL_X_SCR_INPUT_VARIABLE	Contains information about the significant input variables and other variables that are used in the expression of significant input variables of derived type, after a model is submitted for scoring (registered) from the project work space.
SEQ_CTRL_LOOP_SESSION_PREFIX	Stores the sequence-related information for master loop job execution during build of ABT for processes like modeling ABT build, scoring, or actual value calculation process.
SOURCE_COLUMN_MASTER	Contains the information about columns of different source tables. These columns are used for defining different types of variables such as key, dimension attribute, measure, and date types or for applying the subset filter.
SOURCE_COLUMN_X_USAGE	Defines the association between a source table column and its usage. Same column can have more than one usage. All date columns which are going to be mapped to some column usage should be of the date and time format.
SOURCE_DIM_ATTRIB_VALUE_MASTER	Contains information about distinct possible values of every dimensional attribute. These values are used to define behavioral and recent variables, and subset query to define selection filter criterion. These dimensional attribute values are not used for defining supplementary variables. So, values need not be inserted for table or column that is used only for direct variables.
SOURCE_TABLE_MASTER	Contains information about the various tables that are used as a source for ABT creation or sub setting filter.
SOURCE_TABLE_X_LEVEL	Provides the information about the level at which information is available in a source table or level to which it can be aggregated to. For example, table that contains information at account level can be aggregated at customer level too. All source tables mapped with a certain level must have a column with name mentioned in

Table Name	Description
	SOURCE_LEVEL_MASTER.LEVEL_KEY_COLUMN_NM. This is an intersection table that is used to associate the source table and level.
SOURCE_TABLE_X_TIME_FREQUENCY	Defines the mapping between a source table and time frequency such as daily or monthly. Behavioral variables are defined in terms of time period. Time period having same time frequency as that of source table are available while defining behavioral variables. It is mandatory to specify mapping between a source table and time frequency for all source tables to be used as source for behavioral variables.
SOURCE_TABLE_X_USAGE	Contains the association between the source table and its usage. Same table can have more than one usage.
SOURCE_TIME_PERIOD	Contains the time period that is applicable to define any behavioral variable. Time period describes the possible periods for which data needs to be aggregated to calculate the behavioral variables values like last 3 months, last 15 days, and 13 to 24 months.
STATUS_MASTER	Contains the status applicable for different entities such as modeling ABT build run, scoring job run, and actual job run. It holds values for failed, success status, and so on.
SUBJECT_GROUP_MASTER	It is the master table of the subject group.
SUBJECT_GROUP_SPCFCN_DTL	It is the master table for the subject group configuration.
SUBSET_FILTER_NODE	Stores one record for every node in subset definition.
SUBSET_FILTER_NODE_EXPRESSION	Stores multiple conditions that form a complete WHERE clause expression for subset queries. One subset query can involve filters based various columns of tables on its associated path. This table contains one record for every filter criterion that refers to the source table attributes. This table will help construct the WHERE_CLAUSE_EXPRESSION. A WHERE expression can be a sequence of operands and operators that define a condition for selecting observations such as WHERE operand <operator> <operand>.
SUBSET_FROM_PATH_MASTER	Defines a group of related tables. The purpose of having a subset map is to allow users to apply filters on the data in subset map tables. A subset map is designed in a specific way so that users can apply filters on any column of the subset map tables. A subset map is linked to one or more subject of analysis. This linkage indicates that a given subset map can be used for project having a specified subject of analysis, that is, a given subset map can be used to select filtered list of all subjects.

Table Name	Description
	A given subset query is based on filter conditions on columns of one or more tables. Subset query SQL formation will need relationship among all these tables involved in it. This will be in the form of join conditions among various tables. Same set of tables can be related to each other based on a certain set of joining conditions, that is, a group table can have certain relationship paths. There has to be one record in the SUBSET_FROM_PATH_MASTER table describing this path.
SUBSET_FROM_PATH_X_LEVEL	A subset query can involve one or more tables on a relationship path. Same path (set of tables) can be used to extract subjects of one or more levels such as accounts or customers. A subset map is linked to one or more subject of analysis. This linkage indicates that the subset map can be used for projects having a specified subject of analysis, that is, to select the filtered list of all subjects. Subset from path and subject of analysis can have many to many relationships. This is mapped using the SUBSET_FROM_PATH_X_LEVEL table.
SUBSET_QUERY_MASTER	The purpose of a subset query is to subset list of subjects that need to be considered for a given project. It is applied while creating a modeling or scoring ABT. This query is useful when the user does not want to model or score all customers but a smaller set of customers. For example, young customers from Mumbai or savings account with more than \$2000 balance. Subset query SQL is created by combining SELECT expression (as indicated by LEVEL_SK of Project), FROM expression (as indicated SUBSET_FROM_PATH_SK) and WHERE expression (as indicated by WHERE_CLAUSE_EXPRESSION). This table contains one record for every subset query with its description, path, level, and WHERE Clause.
SUBSET_TABLE_JOIN_CONDITION	A subset query is based on filter conditions on columns of one or more tables. Subset query SQL formation requires a relationship among all these tables involved in it. This will be in the form of join conditions among various tables. Same set of tables can be related to each other based on certain set of joining conditions, that is a group table has a certain relationship paths. There has to be one record in the SUBSET_FROM_PATH_MASTER table describing this path. Path is defined by various tables on that path and the join conditions in those tables.

Table Name	Description
	SUBSET_TABLE_JOIN_CONDITION table contains join conditions between tables and the path. SUBSET_TABLE_JOIN_CONDITION table helps construct the FROM CLAUSE.
SUPPLEMENTARY_VARIABLE	Contains information about supplementary variables such as first name, city, and age. It is the sub table of the VARIABLE_MASTER table.
SYSTEM_GEN_VARIABLE_MASTER	Contains the master list of column data types such as numeric, character, date, and date time. This table is used to define column data types for input source table and variable columns. Records in this table are pre-packaged with the solution. During implementation, you can edit the VARIABLE_SHORT_NM and VARIABLE_DESC columns that are used for display in the user interface. The values in the VARIABLE_CD and APPLICABLE_FOR_PROCESS_TYPE_CD columns are used in internal logic and should not be edited.
TABLE_USAGE_MASTER	<p>Contains the master list of usage of source table. Records in this table are pre-packaged with the solution. During implementation, you can edit the TABLE_USAGE_SHORT_NM and TABLE_USAGE_DESC columns. These columns are used for display in the user interface. The values in the TABLE_USAGE_CD column are used in internal logic and should not be edited.</p> <p>The possible values of column type are as follows: Source for Behavioral Variables: All tables with this usage can be used as source for Behavioral variables. Corresponding TABLE_USAGE_CD Value is "BEH". Tables with behavioral variable usage must have one and only one DATE column with COLUMN_USAGE_CD Value is "DT_EXTR". Only the columns of table with behavioral variable usage can have COLUMN_USAGE_CD value as "DT_EXTR". Source for Recent Variables: All tables with this usage can be used as source for recent variables. Corresponding TABLE_USAGE_CD Value is "RNT". Tables with time based variable usage must have at least one DATE column with COLUMN_USAGE_CD value as "RECENT". Only the columns of table with time based variable usage can have the COLUMN_USAGE_CD value as "RECENT".</p>

Table Name	Description
	<p>Source for Supplementary Variables: All tables with this usage can be used as source for supplementary variables. Corresponding TABLE_USAGE_CD Value is "SPM".</p> <p>Tables with direct variable usage will either have two DATE columns with the COLUMN_USAGE_CD value as "VALID_FR" or "VALID_TO" or it might not have either of these usage.</p> <p>Only the columns of table with direct variable usage can have the COLUMN_USAGE_CD value as "VALID_FR" or "VALID_TO".</p> <p>Source for Subset Query: All tables with this usage can be used as source for subset query. Corresponding TABLE_USAGE_CD value is "SQY".</p>
TIME_FREQUENCY_MASTER	<p>Contains the list of time frequencies such as month, week, and day that are used to aggregate a variable definition. Records in this table are pre-packaged with the solution. During implementation, you can edit the TIME_FREQUENCY_SHORT_NM and TIME_FREQUENCY_DESC columns. These columns are used to display information in the user interface. However, values in the TIME_FREQUENCY_CD column are used in internal logic and should not be edited.</p>
VARIABLE_DIM_ATTRIBUTE_FILTER	<p>Contains various dimension filters such as ACCOUNT_TYPE_VALUE = 'COR' and CHANNEL= 'ATM' that define the behavioral or recent type of ABT variable.</p>
VARIABLE_MASTER	<p>Contains a list of variables in an ABT. This table also contains information about supplementary, recent, behavioral, and derived variables. It also contains sub tables that store information specific to each type of variables.</p>
VARIABLE_TYPE_MASTER	<p>Describes the variable types that are used to define ABT variables, such as, Behavioral (BEH), Time Based or Recent (RNT), Supplementary (SPM), and Derived (DER). The records in this table are pre-packaged with the solution. During implementation, you can edit the values in the VARIABLE_TYPE_SHORT_NM and VARIABLE_TYPE_DESC columns that are used for display in the User interface. The values in the VARIABLE_TYPE_CD column are used in internal logic and should not be edited.</p>

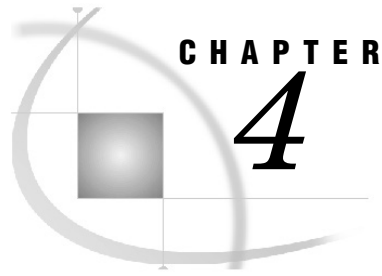
Solution-Specific Tables

Here is an alphabetic list of solution-specific tables of the Application data mart with their descriptions.

Table 3.3 Solution-Specific Application Data Mart Tables

Table Name	Description
PREDICTED_SCORING_RESULT_SUB	Contains the predicted probability of the occurrence of an event. These probabilities or scores are retrieved from the SAS Enterprise Miner models that are registered in the metadata. The score code that is generated by these models is embedded in the scoring template. Whenever a scoring template is scheduled to run, the data about subscriptions, the date of scoring, the corresponding analytical model, and the predicted outcome is stored in this table.
PREDICTED_SCORING_RESULT_CUST	Contains the predicted probability of the occurrence of an event. These probabilities or scores are retrieved from the SAS Enterprise Miner models that are registered in the metadata. The score code that is generated by these models is embedded in the scoring template. Whenever a scoring template is scheduled to run, the data about customers, the date of scoring, corresponding analytical model, and the predicted outcome is stored in this table.
SEGMENT_SCORING_RESULT_CUST	Contains the predicted segments assigned to customers. The segments that are assigned to customers as a part of scoring are retrieved from the SAS Enterprise Miner models that are registered in the metadata. The score code generated by these models is embedded in the scoring template. Whenever a scoring template is scheduled to run, the data about customers, the date of scoring, corresponding analytical model and the segment code itself is stored in this table.
PREDICTED_SCORING_RESULT_PRS	Stores the predicted probability of the occurrence of an event. This table stores scores only for prospect customers. These probabilities or scores are retrieved from SAS Enterprise Miner models that are registered in the metadata. The score code generated by these models is embedded in the scoring template. Whenever a scoring template is scheduled to run, the data about prospect customers, the date of scoring, the corresponding analytical model and the predicted outcome is stored in this table.

Table Name	Description
RULES_SCORING_RESULT_CUST	Stores the association or market basket analysis (MBA) rules that are applicable to customers. These rules are retrieved from the SAS Enterprise Miner models that are registered in the metadata. The score code generated by these models is embedded in the scoring template. Whenever a scoring template is scheduled to run, the data about customers, the date of scoring, corresponding analytical model and the rules applicable to customers are stored in this table.
RULES_SCORING_RESULT_SUB	Stores the association or MBA rules that are applicable to subscriptions. These rules are retrieved from the SAS Enterprise Miner models that are registered in the metadata. The score code generated by these models is embedded in the scoring template. Whenever a scoring template is scheduled to run, the data about subscriptions, the date of scoring, the corresponding analytical model, and the rules applicable to customers are stored in this table.



Column Descriptions of Base Tables for Analytics

Here is an alphabetic list of all the base tables for analytics with their descriptions.

Table 4.1 PRE_PD_CUST_INTERACTION_B Table

Column Name	Data Type	Description	Null Option	Is PK
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	Yes
INTERACTION_CATEGORY_CD	VARCHAR(10)	Contains the code that is used to categorize interactions.	NULL	Yes
INTERACTION_CNT	NUMERIC(6)	Contains the total number of interactions. This count can be the total number of complaints or inquiries based on the interaction type.	NULL	No
INTERACTION_COMM_MEDIUM_CD	VARCHAR(10)	Contains the code for the communication medium that is used for customer interaction.	NULL	Yes
INTERACTION_DT	DATE	Contains the date on which a certain interaction was reported.	NULL	Yes
INTERACTION_STATUS_CD	VARCHAR(10)	Contains the code for the status of interaction.	NULL	Yes
INTERACTION_TYPE_CD	VARCHAR(10)	Contains the code for the type of interaction.	NULL	Yes
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No

Table 4.2 PRE_PD_CUST_LOYALTY_B Table

Column Name	Data Type	Description	Null Option	Is PK
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	Yes
LOYALTY_BONUS_POINTS	NUMERIC(6)	Contains the number of bonus points that are credited in a customer's account.	NULL	No
LOYALTY_POINTS	NUMERIC(6)	Contains the number of loyalty points that are earned by a customer.	NULL	No
LOYALTY_SCHEME_ID	VARCHAR(32)	Contains a unique identifier for the loyalty scheme.	NOT NULL	Yes
LOYALTY_TRANSACTION_DT	DATE	Contains the last date and time that a record was processed.	NULL	Yes
LOYALTY_TRANSACTION_TYPE_CD	VARCHAR(10)	Contains the code for the type of transaction on the loyalty account. Examples of transaction types include credit of loyalty points, credit of bonus points, and redemption of loyalty points.	NULL	Yes
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No

Table 4.3 PRE_PD_CUST_OFFER_SNPSHT_B Table

Column Name	Data Type	Description	Null Option	Is PK
AGRMNT_START_DT	DATE	Contains the date on which the agreement is effective.	NOT NULL	No
AGRMNT_TERM_DT	DATE	Contains the date on which the agreement is terminated.	NOT NULL	No
AGRMNT_TYPE_CD	VARCHAR(10)	Contains the code that is assigned to the type of agreement by business.	NULL	No
CAMPAIGN_CD	VARCHAR(10)	Contains the campaign code through which the offer was sold to the customer.	NULL	No
CHANNEL_TYPE_CD	VARCHAR(10)	Contains the code that is assigned to the type of channel by business.	NULL	No

Column Name	Data Type	Description	Null Option	Is PK
CUST_ID	VARCHAR(32)	Contains the unique identifier of a customer that is given by business. This identifier will help business access and analyze important information about customer.	NOT NULL	Yes
OFFER_BUNDLE_ID	VARCHAR(32)	Contains the business identifier that is assigned for an offer bundle.	NOT NULL	No
OFFER_CUST_TYPE_CD	VARCHAR(10)	Contains the code that is assigned to the customer type such as SME, public sector, and large business.	NULL	No
OFFER_ID	VARCHAR(32)	Contains the business identifier of an entity. This entity stores the final marketable combinations of all tariffs that can be owned by a customer.	NOT NULL	Yes
OFFER_PYMNT_MODE_CD	VARCHAR(10)	Contains the code that is assigned to an offer payment mode such as prepaid and postpaid.	NULL	No
OFFER_SEGMENT_CD	VARCHAR(10)	Contains the code that is assigned to an offer segment such as CDMA and GSM.	NULL	No
OFFER_TYPE_CD	VARCHAR(10)	Contains the code that is assigned to the offer type.	NULL	No
PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	NOT NULL	No
SALES_CHANNEL_ID	VARCHAR(32)	Contains the unique identifier that is assigned by business to a channel. This identifier will help business access and analyze important information about the channel.	NULL	No
SNAPSHOT_DT	DATE	Contains the snapshot date.	NOT NULL	Yes

Table 4.4 PRE_PD_CUST_SNPSHT_B Table

Column Name	Data Type	Description	Null Option	Is PK
BASE_OFFER_CUST_TYPE_CD	VARCHAR(10)	A target customer type (for example, SME, public sector, and large business) that is eligible for the given offer bundle.	NULL	No
BASE_OFFER_ID	VARCHAR(32)	A unique business identifier that is assigned to the base offer in an offer bundle.	NOT NULL	No
BASE_OFFER_PYMNT_MODE_CD	VARCHAR(10)	Contains the code that is assigned to prepaid mobility and postpaid mobility.	NULL	No
BASE_OFFER_SEGMENT_CD	VARCHAR(10)	Contains the code that is assigned to an offer segment such as GSM and CDMA.	NULL	No
CURR_OFFER_BUNDLE_ID	VARCHAR(32)	Contains the business identifier that is assigned to the current offer bundle.	NOT NULL	No
CUST_ID	VARCHAR(32)	Contains the unique identifier that is assigned by business to a customer. This identifier will help business access and analyze important information about a customer.	NOT NULL	Yes
NUM_OF_OFFERS	NUMBER(10)	The total number of offers that are available in an offer bundle.	NULL	No
OFFER_BUNDLE_CHNG_CNT	NUMBER(6)	The number of times an offer bundle was changed by a customer in a certain period.	NULL	No
OFFER_BUNDLE_CHNG_FLG	CHAR(1)	Indicates whether the offer bundle was changed by a customer in a certain period.	NULL	No
PREV_OFFER_BUNDLE_ID	VARCHAR(32)	Contains the unique identifier that is assigned to a previous offer bundle.	NULL	No
PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	NOT NULL	No
SNAPSHOT_DT	DATE	Contains the snapshot date.	NOT NULL	Yes
TOT_SUBSCRIP_ACTIVE_CNT	NUMBER(6)	The total active subscription in a certain period.	NULL	No
TOT_SUBSCRIP_ADDED_CNT	NUMBER(6)	The total subscription that is added in a certain period.	NULL	No
TOT_SUBSCRIP_DROPPED_CNT	NUMBER(6)	The total subscription that is dropped in a certain period.	NULL	No

Column Name	Data Type	Description	Null Option	Is PK
TOT_SUBSCRIP_VOLUN_DA CTVN_CNT	NUMBER(6)	The total subscription that is voluntarily deactivated in a certain period.	NULL	No

Table 4.5 PRE_PD_EQUIP_ACTIVITY_B Table

Column Name	Data Type	Description	Null Option	Is PK
ACTIVITY_STATUS_DT	DATE	Contains the date on which the status of an activity changed to its current value.	NULL	Yes
BILL_CYCLE_CD	VARCHAR(10)	Contains the code for a bill cycle based on the source billing system.	NULL	No
BILL_CYCLE_DT	DATE	Contains the date on which bills for a certain bill cycle are to be generated.	NULL	No
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No
EQUIPMENT_STATUS_CD	VARCHAR(10)	Contains the code for the status of equipment that belongs to a subscription.	NULL	No
EQUIPMENT_STATUS_CHNG_RSN_CD	VARCHAR(10)	Contains the code for the reason to change an equipment status to its current value.	NULL	No
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No
PROD_ACCESS_CATEGORY_CD	VARCHAR(10)	Contains a code for an access category. These codes are based on the method that is used for accessing services. The supplied values can be wireline or wireless	NULL	No

Column Name	Data Type	Description	Null Option	Is PK
PROD_ACCESS_STANDARD_CD	VARCHAR(10)	Contains the code for an access standard that is based on the underlying communication technology. For wireline technology, the supplied values can be PSTN, DSL or ADSL, and broadband; for wireless technology, the supplied values can be GSM and CDMA.	NULL	No
PROD_ID	VARCHAR(32)	Contains a unique identifier for a marketable entity. This entity can have hardware, services, or combination of hardware and services.	NOT NULL	Yes
SUBSCRIP_ID	VARCHAR(32)	Contains a unique identifier for a subscription.	NOT NULL	Yes

Table 4.6 PRE_PD_SERVICE_ACTIVITY_B Table

Column Name	Data Type	Description	Null Option	Is PK
ACTIVITY_STATUS_DT	DATE	Contains the date on which the status of an activity changed to its current value.	NULL	Yes
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No
PROD_ACCESS_CATEGORY_CD	VARCHAR(10)	Contains a code for an access category. These codes are based on the method that is used for accessing services. The supplied values can be wireline or wireless	NULL	No
PROD_ACCESS_STANDARD_CD	VARCHAR(10)	Contains the code for an access standard that is based on the underlying communication technology. For wireline technology, the supplied values can be PSTN, DSL or ADSL, and broadband; for wireless technology, the supplied values can be GSM and CDMA.	NULL	No
PROD_ID	VARCHAR(32)	Contains a unique identifier for a marketable entity. This entity can have hardware, services, or combination of hardware and services.	NOT NULL	Yes
SERVICE_CATEGORY_CD	VARCHAR(10)	Contains a code that categorizes a service. Example of a service category includes messaging service.	NULL	No
SERVICE_DELIVERY_TECH_CD	VARCHAR(10)	Contains the code for communication technology or a protocol over which the service is delivered. The supplied values can be WAP, GPRS, and WAP over GPRS.	NULL	No
SERVICE_FIRST_ACTIVATION_DT	DATE	Contains the date on which a service is activated for the first time for a subscription.	NULL	No

Column Name	Data Type	Description	Null Option	Is PK
SERVICE_ID	VARCHAR(32)	Contains a unique identifier for an entity. This entity describes the logical functionality that is provided as a part of a product.	NOT NULL	Yes
SERVICE_STATUS_CD	VARCHAR(10)	Contains the code for status of a service under a subscription.	NULL	No
SERVICE_STATUS_CHNG_RSN_CD	VARCHAR(10)	Contains the code for reason of change of service status to its current value.	NULL	No
SUBSCRIP_ID	VARCHAR(32)	Contains a unique identifier for a subscription.	NOT NULL	Yes

Table 4.7 PRE_PD_SUBSCRIP_BUCKET_USAGE_B Table

Column Name	Data Type	Description	Null Option	Is PK
BALANCE_VAL_UOM	VARCHAR(10)	Contains a unit of measurement for balance and decrement. Examples include currency or number of SMS.	NULL	No
CLOSING_BALANCE_VAL	NUMERIC(15,3)	Contains the closing balance value. The unit of measurement for balance and decrement should be the same.	NULL	No
CSP_USG_BUCKET_CD	VARCHAR(10)	Contains the code for usage buckets as defined by the communications service provider.	NULL	Yes
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No
DECREMENT_VAL	NUMERIC(15,3)	Contains a decremented value at the end of a preconfigured period. The unit of measurement for balance and decrement should be the same.	NULL	No
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No
SNAPSHOT_DT	DATE	Specifies the calendar date for date of snapshot.	NULL	Yes
SUBSCRIP_ID	VARCHAR(32)	Contains a unique identifier for a subscription.	NOT NULL	Yes
VALIDITY_EXP_DT	DATE	Contains the end date of the validity period of balance for a given bucket.	NULL	No

Table 4.8 PRE_PD_SUBSCRIP_INTERACTION_B Table

Column Name	Data Type	Description	Null Option	Is PK
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No
INTERACTION_CATEGORY_CD	VARCHAR(10)	Contains the code for the category of interactions.	NULL	Yes
INTERACTION_CNT	NUMERIC(6)	Contains the total number of interactions. This count can be the total number of complaints or inquiries based on the interaction type.	NULL	No
INTERACTION_COMM_MEDIUM_CD	VARCHAR(10)	Contains the code for the communication medium that is used for customer interaction.	NULL	Yes
INTERACTION_DT	DATE	Contains the date on which a certain interaction was reported.	NULL	Yes
INTERACTION_STATUS_CD	VARCHAR(10)	Contains the code for the status of the interaction	NULL	Yes
INTERACTION_TYPE_CD	VARCHAR(10)	Contains the code for the type of interaction.	NULL	Yes
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No
SUBSCRIP_ID	VARCHAR(32)	Contains a unique identifier for a subscription.	NOT NULL	Yes

Table 4.9 PRE_PD_SUBSCRIP_LOYALTY_B Table

Column Name	Data Type	Description	Null Option	Is PK
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No
LOYALTY_BONUS_POINTS	NUMERIC(6)	Contains the number of bonus points that are credited in a customer's account.	NULL	No
LOYALTY_POINTS	NUMERIC(6)	Contains the number of loyalty points that are earned by a customer.	NULL	No

Column Name	Data Type	Description	Null Option	Is PK
LOYALTY_SCHEME_ID	VARCHAR(32)	Contains a unique business identifier for a loyalty scheme.	NOT NULL	Yes
LOYALTY_TRANSACTION_DT	DATE	Contains the date and time when a certain loyalty transaction was processed.	NULL	Yes
LOYALTY_TRANSACTION_TYPE_CD	VARCHAR(10)	Contains the code for the type of transaction on the loyalty account. Examples of transaction types include, credit of loyalty points, credit of bonus points, and redemption of loyalty points.	NULL	Yes
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No
SUBSCRIP_ID	VARCHAR(32)	Contains a unique identifier for a subscription.	NOT NULL	Yes

Table 4.10 PRE_PD_SUBSCRIP_USAGE_DRVD_B Table

Column Name	Data Type	Description	Null Option	Is PK
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No
DUR_FRST_USG_FRM_ACTVN	NUMERIC(10)	Contains the duration in days between the activation date and the date of the first usage.	NULL	No
DUR_LST_RCHRG_FRST_USG	NUMERIC(10)	Contains the duration in days between the latest recharge and the first usage.	NULL	No
EVENT_DIRECTION_CD	VARCHAR(10)	Contains the code for a direction of an event type for which a rate is defined. The supplied values can be incoming or outgoing.	NULL	Yes
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No
PROD_ACCESS_CATEGORY_CD	VARCHAR(10)	Contains a code for an access category. These codes are based on the method that is used for accessing services. The supplied values can be wireline or wireless.	NULL	No

Column Name	Data Type	Description	Null Option	Is PK
PROD_ACCESS_STANDARD_CD	VARCHAR(10)	Contains the code for an access standard that is based on the underlying communication technology. For wireline technology, the supplied values can be PSTN, DSL or ADSL, and broadband; for wireless technology, the supplied values can be GSM and CDMA.	NULL	No
PROD_ID	VARCHAR(32)	Contains a unique identifier for a marketable entity. This entity can have hardware, services, or combination of hardware and services.	NOT NULL	Yes
SERVICE_CATEGORY_CD	VARCHAR(10)	Contains a code that categorizes a service. Example of a service category includes messaging service.	NULL	No
SERVICE_DELIVERY_TECH_CD	VARCHAR(10)	Contains a code for a communication technology or a protocol over which a service is delivered. The supplied values can be WAP, GPRS, and WAP over GPRS.	NULL	No
SERVICE_ID	VARCHAR(32)	Contains a unique identifier for an entity. This entity describes the logical functionality that is provided as a part of a product.	NOT NULL	Yes
SNAPSHOT_DT	DATE	Specifies the calendar date for date of snapshot.	NULL	Yes
SUBSCRIP_ACTIVATION_DT	DATE	Contains the date on which a subscription is activated in the billing system.	NOT NULL	No
SUBSCRIP_ID	VARCHAR(32)	Contains a unique identifier for a subscription.	NOT NULL	Yes

Table 4.11 PRE_PD_SUBSCRIP_BUCKET_DRVD_B Table

Column Name	Data Type	Description	Null Option	Is PK
CSP_USG_BUCKET_CD	VARCHAR(10)	Contains the code for usage buckets as defined by the communications service provider.	NULL	Yes
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No

Column Name	Data Type	Description	Null Option	Is PK
DUR_FRST_DECR_FRM_ACTVN	NUMERIC(10)	Contains the duration in days between the date of activation and the date of the first decrement.	NULL	No
DUR_FRST_RCHRG_FRM_ACTVN	NUMERIC(10)	Contains the duration in days between the activation date and the date of the first recharge.	NULL	No
DUR_LST_RCHRG_FRST_DECR	NUMERIC(10)	Contains the duration in days between the latest recharge and the first decrement.	NULL	No
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No
SNAPSHOT_DT	DATE	Specifies the calendar date for date of snapshot	NULL	Yes
SUBSCRP_ACTIVATION_DT	DATE	Contains the date on which a subscription is activated in the billing system.	NOT NULL	No
SUBSCRP_ID	VARCHAR(32)	Contains a unique identifier for a subscription.	NOT NULL	Yes

Table 4.12 PRE_PD_USAGE_B Table

Column Name	Data Type	Description	Null Option	Is PK
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No
DURATION_OF_EVENT	NUMERIC(10)	Contains the duration of voice calls that originate from or terminate on a mobile or a fixed line for a product, which belongs to a subscription. Note: The unit of measurement for duration or volume is decided during implementation.	NULL	No
EVENT_DIRECTION_CD	VARCHAR(10)	Contains the code for a direction of an event type for which a rate is defined. Examples of call direction include incoming or outgoing.	NULL	No

Column Name	Data Type	Description	Null Option	Is PK
EVENT_DSTN_ACCESS_CATEGORY_CD	VARCHAR(10)	Contains the code for underlying technology such as wireline or wireless where the event type terminates.	NULL	No
EVENT_TYPE_ID	VARCHAR(32)	Contains a unique identifier for an entity, which describes the transaction on which rating is performed.	NOT NULL	Yes
NETWORK_OPERATOR_ID	VARCHAR(32)	Contains a unique identifier for an operator in whose network an event terminates. Examples of network operators include AT&T or Verizon.	NOT NULL	No
NETWORK_TYPE_CD	VARCHAR(10)	Contains a code for a network type in order to indicate whether an event occurred in the communications service provider's network or outside it. Examples include onnet or offnet.	NULL	No
NUM_OF_DROPPED_EVENT	NUMERIC(10)	Indicates the number of dropped voice calls of a mobile or a fixed line for a product that belongs to a subscription.	NULL	No
NUM_OF_EVENT	NUMERIC(10)	Contains the number of voice calls that originate from or terminate on a mobile or a fixed line for a product that belongs to a subscription.	NULL	No
NUM_OF_FAILED_EVENT	NUMERIC(10)	Contains the number of failed voice calls for a mobile or a fixed line for a product that belongs to a subscription.	NULL	No
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No

Column Name	Data Type	Description	Null Option	Is PK
PROD_ACCESS_CATEGORY_CD	VARCHAR(10)	Contains a code for an access category. These codes are based on the method that is used for accessing services. The supplied values can be wireline or wireless.	NULL	No
PROD_ACCESS_STANDARD_CD	VARCHAR(10)	Contains the code for an access standard that is based on the underlying communication technology. For wireline technology, the supplied values can be PSTN, DSL or ADSL, and broadband; for wireless technology, the supplied values can be GSM and CDMA.	NULL	No
PROD_ID	VARCHAR(32)	Contains a unique identifier for a marketable entity. This entity can have hardware, services, or combination of hardware and services.	NOT NULL	Yes
SERVICE_CATEGORY_CD	VARCHAR(10)	Contains a code that categorizes a service. Example of a service category includes messaging service.	NULL	No
SERVICE_DELIVERY_TECH_CD	VARCHAR(10)	Contains a code for a communication technology or a protocol over which a service is delivered. The supplied values can be WAP, GPRS, and WAP over GPRS.	NULL	No
SERVICE_ID	VARCHAR(32)	Contains a unique identifier for an entity. This entity describes the logical functionality that is provided as a part of a product.	NOT NULL	Yes
SUBSCRIP_ACTIVATION_DT	DATE	Contains the date on which a subscription is activated in the billing system.	NOT NULL	No

Column Name	Data Type	Description	Null Option	Is PK
SUBSCRIP_ID	VARCHAR(32)	Contains a unique identifier for a subscription.	NOT NULL	Yes
TIME_BAND_CD	VARCHAR(10)	Contains a code for a time band.	NULL	Yes
USG_DT	DATE	Contains the date on which a certain usage transaction is initiated for a prepaid account.	NULL	Yes
USG_REVENUE_AMT	NUMERIC(15,3)	Contains the revenue generated by the messaging usage for a product that belongs to a subscription.	NULL	No
VOL_OF_EVENT	NUMERIC(10)	Contains the volume of messages that are exchanged for a product that belongs to a subscription. Note: the unit of measurement for duration and volume is decided during implementation.	NULL	No

Table 4.13 PRE_PD_USAGE_RECHARGE_B Table

Column Name	Data Type	Description	Null Option	Is PK
CHANNEL_TYPE_CD	VARCHAR(10)	Contains the code for channel type.	NULL	No
CSP_USG_BUCKET_CD	VARCHAR(10)	Contains the code for usage buckets as defined by the communications service provider.	NULL	Yes
CUST_ACCT_ID	VARCHAR(32)	Contains a unique identifier for a customer's account.	NOT NULL	Yes
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No
OFFER_TYPE_CD	VARCHAR2(10)	Code for the offer type.	NULL	No
PRE_PAID_OFFER_PAYABLE_AMT	NUMERIC(15,3)	Contains the total amount payable by the customer for a recharge voucher.	NULL	No

Column Name	Data Type	Description	Null Option	Is PK
PREPAID_BALANCE_VAL_UOM_CD	VARCHAR(10)	Contains the unit of measurement for prepaid balance value.	NULL	No
PREPAID_USG_VALDTY_END_OF_DT	DATE	Contains the end date of the validity period for usage charges credited to a prepaid account.	NULL	No
PREPAID_VALID_USG_CHRG_VAL	NUMERIC(10)	Contains the total amount available for usage.	NULL	No
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No
PYMNT_DT	DATE	Contains the date of payment transaction.	NULL	No
PYMNT_ID	VARCHAR(32)	Contains a unique identifier for the payment. This identifier helps you analyze information about payments and billing.	NOT NULL	Yes
PYMNT_METHOD_CD	VARCHAR(10)	Contains the code for method of payment.	NULL	No
RECHARGE_VOUCHER_TYPE_CD	VARCHAR(10)	Contains the code for type of recharge voucher. Example includes validity recharge.	NULL	No
SUBSCRIP_ID	VARCHAR(32)	Contains a unique identifier for a subscription.	NOT NULL	Yes

Table 4.14 PRE_PD_USAGE_SUMMARY_B Table

Column Name	Data Type	Description	Null Option	Is PK
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No
DURATION_OF_EVENT	NUMERIC(10)	Contains the duration of voice calls that originate from or terminate on a mobile or a fixed line for a product, which belongs to a subscription. Note: The unit of measurement for duration or volume is decided during implementation.	NULL	No
EVENT_DIRECTION_CD	VARCHAR(10)	Contains the code for a direction of an event type for which a rate is defined. Examples of call direction include incoming or outgoing.	NULL	No
EVENT_DSTN_ACCESS_CATEGORY_CD	VARCHAR(10)	Contains the code for the underlying technology such as wireline or wireless where the event type terminates.	NULL	No
EVENT_TYPE_ID	VARCHAR(32)	Contains a unique identifier for an entity, which describes the transaction on which rating is performed.	NOT NULL	Yes
LST_USG_DT	DATE	Contains the date on which the latest usage of a particular event type.	NULL	No
NETWORK_OPERATOR_ID	VARCHAR(32)	Contains a unique identifier for an operator in whose network an event terminates. Examples of network operators include AT&T or Verizon.	NOT NULL	No

Column Name	Data Type	Description	Null Option	Is PK
NETWORK_TYPE_CD	VARCHAR(10)	Contains a code for a network type in order to indicate whether an event occurred in the communications service provider's network or outside it. Examples include onnet or offnet.	NULL	No
NUM_OF_DROPPED_EVENT	NUMERIC(10)	Indicates the number of dropped voice calls of a mobile or a fixed line for a product that belongs to a subscription.	NULL	No
NUM_OF_EVENT	NUMERIC(10)	Contains the number of voice calls that originate from or terminate on a mobile or a fixed line for a product that belongs to a subscription.	NULL	No
NUM_OF_FAILED_EVENT	NUMERIC(10)	Contains the number of failed voice calls for a mobile or a fixed line for a product that belongs to a subscription.	NULL	No
PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	NOT NULL	No
PROD_ACCESS_CATEGORY_CD	VARCHAR(10)	Contains a code for an access category. These codes are based on the method that is used for accessing services. The supplied values can be wireline or wireless.	NULL	No
PROD_ACCESS_STANDARD_CD	VARCHAR(10)	Contains the code for an access standard that is based on the underlying communication technology. For wireline technology, the supplied values can be PSTN, DSL or ADSL, and broadband; for wireless technology, the supplied values can be GSM and CDMA.	NULL	No

Column Name	Data Type	Description	Null Option	Is PK
PROD_ID	VARCHAR(32)	Contains a unique identifier for a marketable entity. This entity can have hardware, services, or combination of hardware and services.	NOT NULL	Yes
SERVICE_CATEGORY_CD	VARCHAR(10)	Contains a code that categorizes a service. Example of a service category includes messaging service.	NULL	No
SERVICE_DELIVERY_TECH_CD	VARCHAR(10)	Contains a code for a communication technology or a protocol over which a service is delivered. The supplied values can be WAP, GPRS, and WAP over GPRS.	NULL	No
SERVICE_ID	VARCHAR(32)	Contains a unique identifier for an entity. This entity describes the logical functionality that is provided as a part of a product.	NOT NULL	Yes
SNAPSHOT_DT	DATE	Specifies the calendar date for date of snapshot.	NOT NULL	Yes
SUBSCRIP_ACTIVATION_DT	DATE	Contains the date on which a subscription is activated in the billing system.	NOT NULL	No
SUBSCRIP_ID	VARCHAR(32)	Contains a unique identifier for a subscription.	NOT NULL	Yes
TIME_BAND_CD	VARCHAR(10)	Contains a code for a time band. A time band is a range of time between starting and ending times. Time bands can be used by CSPs to define service categories based on their operation in a specific time interval such as peak or off peak time.	NOT NULL	Yes

Column Name	Data Type	Description	Null Option	Is PK
USG_REVENUE_AMT	NUMERIC(15,3)	Contains the revenue generated by the messaging usage for a product that belongs to a subscription.	NULL	No
VOL_OF_EVENT	NUMERIC(10)	Contains the volume of messages that are exchanged for a product that belongs to a subscription. Note: The unit of measurement for duration and volume is decided during implementation.	NULL	No

Table 4.15 PST_PD_USAGE_B Table

Column Name	Data Type	Description	Null Option	Is PK
BILL_CYCLE_CD	VARCHAR(10)	Contains the code for a bill cycle based on the source billing system.	NULL	No
BILL_CYCLE_DT	DATE	Contains the date on which bills for a certain bill cycle are to be generated.	NULL	No
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No
DURATION_OF_EVENT	NUMERIC(10)	Contains the duration of voice calls that originate from or terminate on a mobile or a fixed line for a product, which belongs to a subscription. Note: The unit of measurement for duration or volume is decided during implementation.	NULL	No
EVENT_DIRECTION_CD	VARCHAR(10)	Contains the code for a direction of an event type for which a rate is defined. Examples of direction include incoming or outgoing.	NULL	No
EVENT_DSTN_ACCESS_CATEGORY_CD	VARCHAR(10)	Contains the code for the underlying technology such as wireline and wireless for which the event type terminates.	NULL	No
EVENT_TYPE_ID	VARCHAR(32)	Contains a unique identifier for an entity, which describes the transaction on which rating is performed.	NOT NULL	Yes

Column Name	Data Type	Description	Null Option	Is PK
NETWORK_OPERATOR_ID	VARCHAR(32)	Contains a unique identifier for an operator in whose network an event terminates. Examples of network operators include AT&T or Verizon.	NOT NULL	No
NETWORK_TYPE_CD	VARCHAR(10)	Contains a code for a network type in order to indicate whether an event occurred in the communications service provider's network or outside it. Examples include onnet or offnet.	NULL	No
NUM_OF_DROPPED_EVENT	NUMERIC(10)	Indicates the number of dropped voice calls of a mobile or a fixed line for a product that belongs to a subscription.	NULL	No
NUM_OF_EVENT	NUMERIC(10)	Contains the number of voice calls that originate from or terminate on a mobile or a fixed line for a product that belongs to a subscription.	NULL	No
NUM_OF_FAILED_EVENT	NUMERIC(10)	Contains the number of failed voice calls for a mobile or a fixed line for a product that belongs to a subscription.	NULL	No
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No
PROD_ACCESS_CATEGORY_CD	VARCHAR(10)	Contains a code for an access category. These codes are based on the method that is used for accessing services. The supplied values can be wireline or wireless.	NULL	No

Column Name	Data Type	Description	Null Option	Is PK
PROD_ACCESS_STANDARD_CD	VARCHAR(10)	Contains the code for an access standard that is based on the underlying communication technology. For wireline technology, the supplied values can be PSTN, DSL or ADSL, and broadband; for wireless technology, the supplied values can be GSM and CDMA.	NULL	No
PROD_ID	VARCHAR(32)	Contains a unique identifier for a marketable entity. This entity can have hardware, services, or combination of hardware and services.	NOT NULL	Yes
SERVICE_CATEGORY_CD	VARCHAR(10)	Contains a code that categorizes a service. Example of a service category includes messaging service.	NULL	No
SERVICE_DELIVERY_TECH_CD	VARCHAR(10)	Contains a code for a communication technology or a protocol over which a service is delivered. Examples include WAP, GPRS, and WAP over GPRS.	NULL	No
SERVICE_ID	VARCHAR(32)	Contains a unique identifier for an entity. This entity describes the logical functionality that is provided as a part of a product.	NOT NULL	Yes
SUBSCRIP_ACTIVATION_DT	DATE	Contains the date on which a subscription is activated in the billing system.	NOT NULL	No
SUBSCRIP_ID	VARCHAR(32)	Contains a unique identifier for a subscription.	NOT NULL	Yes
TIME_BAND_CD	VARCHAR(10)	Contains a code for a time band.	NULL	Yes

Column Name	Data Type	Description	Null Option	Is PK
USG_DT	DATE	Contains the date on which a certain usage transaction is initiated for a prepaid account.	NULL	Yes
USG_REVENUE_AMT	NUMERIC(15,3)	Contains the revenue generated by the messaging usage for a product that belongs to a subscription.	NULL	No
VOL_OF_EVENT	NUMERIC(10)	Contains the volume of messages that are exchanged for a product that belongs to a subscription. Note: The unit of measurement for duration and volume is decided during implementation.	NULL	No

Table 4.16 PST_PD_CUST_ACCT_SNPST_B Table

Column Name	Data Type	Description	Null Option	Is PK
BILL_CYCLE_CD	VARCHAR(10)	Contains the code for a bill cycle based on the source billing system.	NULL	No
BILL_CYCLE_DT	DATE	Contains the date on which bills for a certain bill cycle are to be generated	NULL	No
CUST_ACCT_CREATION_DT	DATE	Contains the date on which an account is created.	NULL	No
CUST_ACCT_CREDIT_CLASS_CD	VARCHAR(10)	Contains the code for credit class that can be associated at the account level.	NULL	No
CUST_ACCT_ID	VARCHAR(32)	Contains the unique identifier for a customer's account.	NOT NULL	Yes
CUST_ACCT_STATUS_CD	VARCHAR(10)	Contains the code for the status of a customer's account. Examples include active or suspended.	NULL	No
CUST_ID	VARCHAR(32)	Contains a unique identifier that is assigned for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No
EVER_IN_COLLECTION_IND	CHARACTER(1)	Indicates whether the account was ever in collections.	NULL	No

Column Name	Data Type	Description	Null Option	Is PK
OVERDUE_IND	CHARACTER(1)	Indicates whether the account has due-amount, which is overdue, or past the payment due date.	NULL	No
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No
SNAPSHOT_DT	DATE	Specifies the calendar date for the date of snapshot.	NULL	Yes
TOT_PYMNT_METHOD_CNT	NUMBER(6)	The number of payment methods used in the period.	NULL	No
TOT_BOUNCED_PYMNT_CNT	NUMBER(6)	The number of times the payment bounced in the period.	NULL	No
TOT_BOUNCED_PYMNT_AMT	NUMBER(15,3)	The amount of the payment that bounced in the period.	NULL	No

Table 4.17 PST_PD_CUST_BILL_B Table

Column Name	Data Type	Description	Null Option	Is PK
BILL_CYCLE_CD	VARCHAR(10)	Contains the code for a bill cycle based on the source billing system.	NULL	No
BILL_CYCLE_DT	DATE	Contains the date on which bills for a certain bill cycle are to be generated.	NULL	No
BILL_DISCOUNT_AMT	NUMERIC(15,3)	Contains the total discount amount applicable for a certain bill.	NULL	No
BILL_DT	DATE	Contains the date on which the bill is generated.	NULL	No
BILL_ID	VARCHAR(32)	Contains a unique identifier for a bill.	NOT NULL	Yes
BILL_NET_PAYBALE_AMT	NUMERIC(15,3)	Contains the amount payable by a customer after applying all types of charges, discounts, taxes, and adjustments.	NULL	No
BILL_NON_USG_ONE_TIME_AMT	NUMERIC(15,3)	Contains the total non-usage charges against a product in a single bill.	NULL	No
BILL_NON_USG_RCRNG_AMT	NUMERIC(15,3)	Contains the total non-usage charges against a product in a single bill.	NULL	No
BILL_PYMNT_DUE_DT	DATE	Contains the date on which payment is due against a particular bill.	NULL	No

Column Name	Data Type	Description	Null Option	Is PK
BILL_USG_AMT	NUMERIC(15,3)	Contains the total usage charges against a product in a single bill.	NULL	No
CUST_ACCT_ID	VARCHAR(32)	Contains a unique identifier assigned to each customer account.	NOT NULL	Yes
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No

Table 4.18 PST_PD_CUST_BILL_NONUSAGE_B Table

Column Name	Data Type	Description	Null Option	Is PK
BILL_CYCLE_CD	VARCHAR(10)	Contains the code for a bill cycle based on the source billing system.	NULL	No
BILL_CYCLE_DT	DATE	Contains the date on which bills for a certain bill cycle are to be generated.	NULL	No
BILL_DT	DATE	Contains the date on which the bill is generated.	NULL	No
BILL_ID	VARCHAR(32)	Contains a unique identifier for a bill.	NOT NULL	Yes
BILL_NON_USG_AMT	NUMERIC(15,3)	Contains the total non-usage charges against a product in a single bill.	NULL	No
BILL_NON_USG_DISCOUNT_AMT	NUMERIC(15,3)	Contains the discount amount applicable for non-usage charges.	NULL	No
CHRG_TYPE_CD	VARCHAR(10)	Contains the code for type of fixed charge. Examples include one-time installation, recurring, and rental.	NULL	Yes
CUST_ACCT_ID	VARCHAR(32)	Contains a unique identifier for a customer's account.	NOT NULL	Yes
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No

Column Name	Data Type	Description	Null Option	Is PK
OFFER_ID	VARCHAR(32)	Contains the business identifier for an entity that stores the final marketable combinations of all tariffs that can be owned by a customer.	NOT NULL	Yes
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No
PROD_ACCESS_CATEGORY_CD	VARCHAR(10)	Contains a code for an access category. These codes are based on the method that is used for accessing services. The supplied values can be wireline or wireless	NULL	No
PROD_ACCESS_STANDARD_CD	VARCHAR(10)	Contains the code for an access standard that is based on the underlying communication technology. For wireline technology, the supplied values include PSTN,DSL or ADSL, and broadband; for wireless technology, the supplied values include GSM and CDMA.	NULL	No
PROD_ID	VARCHAR(32)	Contains a unique identifier for a marketable entity. This entity can have hardware, services, or combination of hardware and services.	NOT NULL	Yes
SERVICE_CATEGORY_CD	VARCHAR(10)	Contains a code that categorizes a service. Example of a service category includes messaging service.	NULL	No
SERVICE_DELIVERY_TECH_CD	VARCHAR(10)	Contains a code for a communication technology or a protocol over which a service is delivered. Examples include WAP, GPRS, and WAP over GPRS.	NULL	No
SERVICE_ID	VARCHAR(32)	Contains a unique identifier for an entity. This entity describes the logical functionality that is provided as a part of a product.	NOT NULL	Yes

Table 4.19 PST_PD_CUST_INTERACTION_B Table

Column Name	Data Type	Description	Null Option	Is PK
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	Yes
BILL_CYCLE_CD	VARCHAR(10)	Contains the code for a bill cycle based on the source billing system.	NULL	No
BILL_CYCLE_DT	DATE	Contains the date on which bills for a certain bill cycle are to be generated.	NULL	No
INTERACTION_CATEGORY_CD	VARCHAR(10)	Contains the code that is assigned by the business to the category of interactions.	NULL	Yes
INTERACTION_CNT	NUMERIC(6)	Contains the total number of interactions. This count can be the total number of complaints or inquiries based on the interaction type.	NULL	No
INTERACTION_COMM_MEDIUM_CD	VARCHAR(10)	Contains the code for the communication medium that is used for customer interaction.	NULL	Yes
INTERACTION_DT	DATE	Contains the date on which a certain interaction was reported.	NULL	Yes
INTERACTION_STATUS_CD	VARCHAR(10)	Contains the code for the status of interaction.	NULL	Yes
INTERACTION_TYPE_CD	VARCHAR(10)	Contains the code for the type of interaction.	NULL	Yes
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No

Table 4.20 PST_PD_CUST_LOYALTY_B Table

Column Name	Data Type	Description	Null Option	Is PK
BILL_CYCLE_CD	VARCHAR(10)	Contains the code for a bill cycle based on the source billing system.	NULL	No
BILL_CYCLE_DT	DATE	Contains the date on which bills for a certain bill cycle are to be generated.	NULL	No
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	Yes
LOYALTY_BONUS_POINTS	NUMERIC(6)	Contains the number of bonus points that are credited to a customer's account.	NULL	No
LOYALTY_POINTS	NUMERIC(6)	Contains the number of loyalty points that are earned by the customer.	NULL	No
LOYALTY_SCHEME_ID	VARCHAR(32)	Contains a unique identifier for a loyalty scheme.	NOT NULL	Yes
LOYALTY_TRANSACTION_DT	DATE	Contains the date and time when a particular loyalty transaction is processed.	NULL	Yes
LOYALTY_TRANSACTION_TYPE_CD	VARCHAR(10)	Contains the code for the type of transaction on the loyalty account. Examples include credit of loyalty points, credit of bonus points, and redemption of loyalty points.	NULL	Yes
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No

Table 4.21 PST_PD_CUST_OFFER_SNPSHT_B Table

Column Name	Data Type	Description	Null Option	Is PK
AGRMNT_START_DT	DATE	Contains the date on which the agreement is effective.	NOT NULL	No
AGRMNT_TERM_DT	DATE	Contains the date on which the agreement is terminated.	NOT NULL	No
AGRMNT_TYPE_CD	VARCHAR(10))	Contains the code that is assigned by business to the type of agreement.	NULL	No

Column Name	Data Type	Description	Null Option	Is PK
BILL_CYCLE_CD	VARCHAR(10)	Contains the code that is assigned by business to the billing cycle.	NULL	No
BILL_CYCLE_DT	DATE	Contains the billing cycle date.	NULL	No
CAMPAIGN_CD	VARCHAR(10)	Contains the campaign code through which the offer was sold to the customer.	NULL	No
CHANNEL_TYPE_CD	VARCHAR(10)	Contains the code that is assigned to the type of channel by business.	NULL	No
CUST_ID	VARCHAR(32)	Contains the unique identifier that is assigned by business to a customer. This identifier will help business access and analyze important information about a customer.	NOT NULL	Yes
OFFER_BUNDLE_ID	VARCHAR(32)	Contains the business identifier that is assigned to an offer bundle.	NOT NULL	No
OFFER_CUST_TYPE_CD	VARCHAR(10)	Contains the code that is assigned to the customer type such as SME, public sector, and large business.	NULL	No
OFFER_ID	VARCHAR(32)	Contains the business identifier of an entity. This entity stores the final marketable combinations of all tariffs that can be owned by a customer.	NOT NULL	Yes
OFFER_PYMNT_MODE_CD	VARCHAR(10)	Contains the code that is assigned to an offer payment mode such as prepaid and postpaid.	NULL	No
OFFER_SEGMENT_CD	VARCHAR(10)	Contains the code that is assigned to an offer segment such as CDMA and GSM.	NULL	No
OFFER_TYPE_CD	VARCHAR(10)	Contains the code that is assigned to the offer type.	NULL	No
PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	NOT NULL	No
SALES_CHANNEL_ID	VARCHAR(32)	Contains the unique identifier that is assigned by business to a channel. This identifier will help business access and analyze important information about the channel.	NULL	No
SNAPSHOT_DT	DATE	Contains the snapshot date.	NOT NULL	Yes

Table 4.22 PST_PD_CUST_SNPSHT_B Table

Column Name	Data Type	Description	Null Option	Is PK
BASE_OFFER_CUST_TYPE_CD	VARCHAR(10)	Indicates a target customer type (for example, SME, public sector, and large business) that is eligible for the given offer bundle.	NULL	No
BASE_OFFER_ID	VARCHAR(32)	Contains a unique business identifier that is assigned to the base offer in an offer bundle.	NOT NULL	No
BASE_OFFER_PYMNT_MODE_CD	VARCHAR(10)	Contains the code that is assigned to prepaid mobility and postpaid mobility.	NULL	No
BASE_OFFER_SEGMENT_CD	VARCHAR(10)	Contains the code that is assigned to an offer segment such as GSM and CDMA.	NULL	No
BILL_CYCLE_CD	VARCHAR(10)	Contains the code that is assigned by business to the billing cycle.	NULL	No
BILL_CYCLE_DT	DATE	Contains the billing cycle date.	NULL	No
CURR_OFFER_BUNDLE_ID	VARCHAR(32)	Contains the business identifier that is assigned to the current offer bundle.	NOT NULL	No
CUST_ID	VARCHAR(32)	Contains the unique identifier of a customer that is given by business. This identifier will help business access and analyze important information about customer.	NOT NULL	Yes
NUM_OF_OFFERS	NUMBER(10)	Contains the total number of offers that are available in an offer bundle.	NULL	No
OFFER_BUNDLE_CHNG_CNT	NUMBER(6)	Contains the number of times an offer bundle was changed by a customer in a certain period.	NULL	No
OFFER_BUNDLE_CHNG_FLG	CHAR(1)	Indicates whether the offer bundle was changed by a customer in a certain period.	NULL	No
PREV_OFFER_BUNDLE_ID	VARCHAR(32)	Contains the unique identifier that is assigned to a previous offer bundle.	NULL	No
PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	NOT NULL	No
SNAPSHOT_DT	DATE	Contains the snapshot date.	NOT NULL	Yes

Column Name	Data Type	Description	Null Option	Is PK
TOT_SUBSCRIP_ACTIVE_CNT	NUMBER(6)	Contains the total active subscription in a certain period.	NULL	No
TOT_SUBSCRIP_ADDED_CNT	NUMBER(6)	Contains the total subscription that is added in a certain period.	NULL	No
TOT_SUBSCRIP_DROPPED_CNT	NUMBER(6)	Contains the total subscription that is dropped in a certain period.	NULL	No
TOT_SUBSCRIP_VOLUNDACTVN_CNT	NUMBER(6)	Contains the total subscription that is voluntarily deactivated in a certain period.	NULL	No

Table 4.23 PST_PD_EQUIP_ACTIVITY_B Table

Column Name	Data Type	Description	Null Option	Is PK
ACTIVITY_STATUS_DT	DATE	Contains the date on which the status of an activity changed to its current value.	NULL	Yes
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No
EQUIPMENT_STATUS_CD	VARCHAR(10)	Contains the code for the status of equipment that belongs to a subscription.	NULL	No
EQUIPMENT_STATUS_CHNG_RSN_CD	VARCHAR(10)	Contains the code for the reason to change an equipment status to its current value.	NULL	No
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No
PROD_ACCESS_CATEGORY_CD	VARCHAR(10)	Contains a code for an access category. These codes are based on the method that is used for accessing services. The supplied values can be wireline or wireless	NULL	No

Column Name	Data Type	Description	Null Option	Is PK
PROD_ACCESS_STANDARD_CD	VARCHAR(10)	Contains the code for an access standard that is based on the underlying communication technology. For wireline technology the supplied values can be PSTN, DSL or ADSL, and broadband; for wireless technology, the supplied values can be GSM and CDMA.	NULL	No
PROD_ID	VARCHAR(32)	Contains a unique identifier for a marketable entity. This entity can have hardware, services, or combination of hardware and services.	NOT NULL	Yes
SUBSCRIP_ID	VARCHAR(32)	Contains a unique identifier for a subscription.	NOT NULL	Yes

Table 4.24 PST_PD_PAYMENT_B Table

Column Name	Data Type	Description	Null Option	Is PK
BILL_CYCLE_CD	VARCHAR(10)	Contains the code for a bill cycle based on the source billing system.	NULL	No
BILL_CYCLE_DT	DATE	Contains the date on which bills for a certain bill cycle are to be generated	NULL	No
CUST_ACCT_ID	VARCHAR(32)	Contains a unique identifier for each customer account.	NOT NULL	Yes
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No
PYMNT_AMT	NUMERIC(15,3)	Contains the amount of payment made.	NULL	No
PYMNT_DT	DATE	Contains the date of the payment transaction	NULL	No
PYMNT_ID	VARCHAR(32)	Contains a unique identifier for the payment. This ID helps you analyze information about payments and billing.	NOT NULL	Yes
PYMNT_METHOD_CD	VARCHAR(10)	Contains the code for method of payment	NULL	No
PYMNT_STATUS_CD	VARCHAR(10)	Contains the code for the status of a payment transaction. The supplied values are failed, succeeded, or canceled	NULL	No

Table 4.25 PST_PD_PAYMENT_DRVD_B Table

Column Name	Data Type	Description	Null Option	Is PK
BILL_CYCLE_CD	VARCHAR(10)	Contains the code for a bill cycle based on the source billing system.	NULL	No
BILL_CYCLE_DT	DATE	Contains the date on which bills for a certain bill cycle are to be generated	NULL	Yes
BILL_DUE_AMT	NUMERIC(15,3)	Contains the amount that is due against a bill. This amount can be same as net payable or less than that if partial payment is made.	NULL	No
BILL_DUE_DT	DATE	The bill due date	NULL	No
BILL_DUE_IND	CHARACTER(1)	Indicates whether a bill is due against a certain customer's account	NULL	No
BILL_ID	VARCHAR(32)	Contains a unique identifier for a bill.	NOT NULL	Yes
CUST_ACCT_ID	VARCHAR(32)	Contains a unique identifier for a customer's account.	NOT NULL	Yes
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No
LAST_PYMNT_DT	DATE	Contains the date that is associated with the last payment made for the account	NULL	No
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No
PYMNT_CNT	NUMERIC(6)	Contains the total number of payments made during a certain period.	NULL	No

Table 4.26 PST_PD_SERVICE_ACTIVITY_B Table

Column Name	Data Type	Description	Null Option	Is PK
ACTIVITY_STATUS_DT	DATE	Contains the date on which the status of an activity changed to its current value.	NULL	Yes
BILL_CYCLE_CD	VARCHAR(10)	Contains the code for a bill cycle based on the source billing system.	NULL	No
BILL_CYCLE_DT	DATE	Contains the date on which bills for a certain bill cycle are to be generated.	NULL	No
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No

Column Name	Data Type	Description	Null Option	Is PK
PROD_ACCESS_CATEGORY_CD	VARCHAR(10)	Contains a code for an access category. These codes are based on the method that is used for accessing services. The supplied values can be wireline or wireless	NULL	No
PROD_ACCESS_STANDARD_CD	VARCHAR(10)	Contains the code for an access standard that is based on the underlying communication technology. For wireline technology, the supplied values can be PSTN, DSL or ADSL, and broadband; for wireless technology, the supplied values can be GSM and CDMA.	NULL	No
PROD_ID	VARCHAR(32)	Contains a unique identifier for a marketable entity. This entity can have hardware, services, or combination of hardware and services.	NOT NULL	Yes
SERVICE_CATEGORY_CD	VARCHAR(10)	Contains a code that categorizes a service. Example of a service category includes messaging service.	NULL	No
SERVICE_DELIVERY_TECH_CD	VARCHAR(10)	Contains a code for a communication technology or a protocol over which a service is delivered. Examples include WAP, GPRS, and WAP over GPRS.	NULL	No
SERVICE_FIRST_ACTIVATION_DT	DATE	Contains the date on which a service is activated for the first time for a subscription.	NULL	No
SERVICE_ID	VARCHAR(32)	Contains a unique identifier for an entity. This entity describes the logical functionality that is provided as a part of a product.	NOT NULL	Yes
SERVICE_STATUS_CD	VARCHAR(10)	Contains the code for status of a service under a subscription.	NULL	No
SERVICE_STATUS_CHNG_RSN_CD	VARCHAR(10)	Contains the code for reason of change of service status to its current value.	NULL	No
SUBSCRIP_ID	VARCHAR(32)	Contains the unique identifier for a subscription.	NOT NULL	Yes

Table 4.27 PST_PD_SUBSCRIP_BILL_NONUSAGE_B Table

Column Name	Data Type	Description	Null Option	Is PK
BILL_CYCLE_CD	VARCHAR(10)	Contains the code for a bill cycle based on the source billing system.	NULL	No
BILL_CYCLE_DT	DATE	Contains the date on which bills for a certain bill cycle are to be generated.	NULL	No
BILL_DT	DATE	Contains the date on which the bill is generated.	NULL	No
BILL_ID	VARCHAR(32)	Contains a unique identifier for a bill	NOT NULL	Yes
BILL_NON_USG_AMT	NUMERIC(15,3)	Contains the total non-usage charges against a product in a single bill.	NULL	No
BILL_NON_USG_DISCOUNT_AMT	NUMERIC(15,3)	Contains the discount amount applicable for non-usage charges.	NULL	No
CHRG_TYPE_CD	VARCHAR(10)	Contains the code for fixed charges. Examples of fixed charges include one-time installation and recurring rental.	NULL	Yes
CUST_ACCT_ID	VARCHAR(32)	Contains a unique identifier for a customer's account.	NOT NULL	Yes
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No
OFFER_ID	VARCHAR(32)	Contains the business identifier for entity that stores the final marketable combinations of all tariffs that can be owned by a customer.	NOT NULL	Yes
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No
PROD_ACCESS_CATEGORY_CD	VARCHAR(10)	Contains a code for an access category. These codes are based on the method that is used for accessing services. The supplied values can be wireline or wireless	NULL	No

Column Name	Data Type	Description	Null Option	Is PK
PROD_ACCESS_STANDARD_CD	VARCHAR(10)	Contains the code for an access standard that is based on the underlying communication technology. For wireline technology, the supplied values can be PSTN, DSL or ADSL, and broadband; for wireless technology, the supplied values can be GSM and CDMA.	NULL	No
PROD_ID	VARCHAR(32)	Contains a unique identifier for a marketable entity. This entity can have hardware, services, or combination of hardware and services.	NOT NULL	Yes
SERVICE_CATEGORY_CD	VARCHAR(10)	Contains a code that categorizes a service. Example of a service category includes messaging service.	NULL	No
SERVICE_DELIVERY_TECH_CD	VARCHAR(10)	Contains a code for a communication technology or a protocol over which a service is delivered. Examples include WAP, GPRS, and WAP over GPRS.	NULL	No
SERVICE_ID	VARCHAR(32)	Contains a unique identifier for an entity. This entity describes the logical functionality that is provided as a part of a product.	NOT NULL	Yes
SUBSCRIP_ID	VARCHAR(32)	Contains a unique identifier for a subscription.	NOT NULL	Yes

Table 4.28 PST_PD_SUBSCRIP_INTERACTION_B Table

Column Name	Data Type	Description	Null Option	Is PK
BILL_CYCLE_CD	VARCHAR(10)	Contains the code for a bill cycle based on the source billing system.	NULL	No
BILL_CYCLE_DT	DATE	Contains the date on which bills for a certain bill cycle are to be generated.	NULL	No
CUST_ID	VARCHAR(32)	Contains the unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No

Column Name	Data Type	Description	Null Option	Is PK
INTERACTION_CATEGORY_CD	VARCHAR(10)	Contains the code for the category of interactions.	NULL	Yes
INTERACTION_CNT	NUMERIC(6)	Contains the total number of interactions. This count can be the total number of complaints or inquiries based on the interaction type.	NULL	No
INTERACTION_COMM_MEDIUM_CD	VARCHAR(10)	Contains the code for the communication medium that is used for customer interaction.	NULL	Yes
INTERACTION_DT	DATE	Contains the date on which a certain interaction was reported.	NULL	Yes
INTERACTION_STATUS_CD	VARCHAR(10)	Contains the code for the status of an interaction.	NULL	Yes
INTERACTION_TYPE_CD	VARCHAR(10)	Contains the code for the type of an interaction.	NULL	Yes
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No
SUBSCRIP_ID	VARCHAR(32)	Contains a unique identifier for a subscription.	NOT NULL	Yes

Table 4.29 PST_PD_SUBSCRIP_LOYALTY_B Table

Column Name	Data Type	Description	Null Option	Is PK
BILL_CYCLE_CD	VARCHAR(10)	Contains the code for a bill cycle based on the source billing system.	NULL	No
BILL_CYCLE_DT	DATE	Contains the date on which bills for a certain bill cycle are to be generated.	NULL	No
CUST_ID	VARCHAR(32)	Contains the unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No
LOYALTY_BONUS_POINTS	NUMERIC(6)	Contains the number of bonus points that are credited to customer's account.	NULL	No
LOYALTY_POINTS	NUMERIC(6)	Contains the number of loyalty points that are earned by a customer.	NULL	No
LOYALTY_SCHEME_ID	VARCHAR(32)	Contains the unique business identifier for a loyalty scheme.	NOT NULL	Yes

Column Name	Data Type	Description	Null Option	Is PK
LOYALTY_TRANSACTION_DT	DATE	Contains the last date and time that a transaction was processed.	NULL	Yes
LOYALTY_TRANSACTION_TYPE_CD	VARCHAR(10)	Contains the code for the type of transaction on the loyalty account. Examples include credit of loyalty points, credit of bonus points, and redemption of loyalty points	NULL	Yes
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No
SUBSCRIP_ID	VARCHAR(32)	Contains the unique identifier for a subscription.	NOT NULL	Yes

Table 4.30 PST_PD_BILL_USAGE_B Table

Column Name	Data Type	Description	Null Option	Is PK
BILL_CYCLE_CD	VARCHAR(10)	Contains the code for a bill cycle based on the source billing system.	NULL	No
BILL_CYCLE_DT	DATE	Contains the date on which bills for a certain bill cycle are to be generated.	NULL	No
BILL_DT	DATE	Contains date on which a bill is generated.	NULL	No
BILL_ID	VARCHAR(32)	Contains a unique identifier for a bill.	NOT NULL	Yes
BILL_USG_AMT	NUMERIC(15,3)	Contains the total usage charges against a product in a single bill.	NULL	No
BILL_USG_DISCOUNT_AMT	NUMERIC(15,3)	Contains the discount amount that is applicable at event type level.	NULL	No
CUST_ACCT_ID	VARCHAR(32)	Contains a unique identifier for a customer's account.	NOT NULL	Yes
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No

Column Name	Data Type	Description	Null Option	Is PK
EVENT_DIRECTION_CD	VARCHAR(10)	Contains the code for a direction of an event type for which a rate is defined. Examples of direction include incoming or outgoing.	NULL	No
EVENT_DSTN_ACCESS_CATEGORY_CD	VARCHAR(10)	Contains the code for underlying technology such as wireline and wireless for which the event type terminates.	NULL	No
EVENT_TYPE_ID	VARCHAR(32)	Contains a unique identifier for an entity, which describes the transaction on which rating is performed.	NOT NULL	Yes
NETWORK_OPERATOR_ID	VARCHAR(32)	Contains a unique identifier for an operator in whose network an event terminates. Examples of network operators include AT&T or Verizon.	NOT NULL	No
NETWORK_TYPE_CD	VARCHAR(10)	Contains a code for a network type in order to indicate whether an event occurred in the communications service provider's network or outside it. Examples include onnet or offnet.	NULL	No
PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	NOT NULL	No
PROD_ACCESS_CATEGORY_CD	VARCHAR(10)	Contains a code for an access category. These codes are based on the method that is used for accessing services. The supplied values can be wireline or wireless	NULL	No

Column Name	Data Type	Description	Null Option	Is PK
PROD_ACCESS_STANDARD_CD	VARCHAR(10)	Contains the code for an access standard that is based on the underlying communication technology. For wireline technology, the supplied values can be PSTN, DSL or ADSL, and broadband; for wireless technology, the supplied values can be GSM and CDMA.	NULL	No
PROD_ID	VARCHAR(32)	Contains a unique identifier for a marketable entity. This entity can have hardware, services, or combination of hardware and services.	NOT NULL	Yes
SERVICE_CATEGORY_CD	VARCHAR(10)	Contains a code that categorizes a service. Example of a service category includes messaging service.	NULL	No
SERVICE_DELIVERY_TECH_CD	VARCHAR(10)	Contains a code for a communication technology or a protocol over which a service is delivered. Examples include WAP, GPRS, and WAP over GPRS.	NULL	No
SERVICE_ID	VARCHAR(32)	Contains a unique identifier for an entity. This entity describes the logical functionality that is provided as a part of a product.	NOT NULL	Yes
SUBSCRIP_ID	VARCHAR(32)	Contains a unique identifier for a subscription.	NOT NULL	Yes

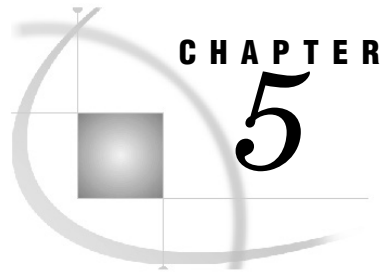
Table 4.31 PST_PD_USAGE_SUMMARY_B Table

Column Name	Data Type	Description	Null Option	Is PK
BILL_CYCLE_CD	VARCHAR(10)	Contains the code for a bill cycle based on the source billing system.	NULL	No
BILL_CYCLE_DT	DATE	Contains the date on which bills for a certain bill cycle are to be generated.	NULL	No
CUST_ID	VARCHAR(32)	Contains a unique identifier for a customer. This identifier helps you access and analyze important information about a customer.	NOT NULL	No
DURATION_OF_EVENT	NUMERIC(10)	Contains the duration of voice calls that originate from or terminate on a mobile or a fixed line for a product, which belongs to a subscription. Note: The unit of measurement for duration or volume is decided during implementation.	NULL	No
EVENT_DIRECTION_CD	VARCHAR(10)	Contains the code for a direction of an event type for which a rate is defined. Examples of call direction include incoming or outgoing.	NULL	No
EVENT_DSTN_ACCESS_CATEGORY_CD	VARCHAR(10)	Contains the code for the underlying technology such as wireline or wireless where the event type terminates.	NULL	No
EVENT_TYPE_ID	VARCHAR(32)	Contains a unique identifier for an entity, which describes the transaction on which rating is performed.	NOT NULL	Yes
LST_USG_DT	DATE	Contains the date on which the latest usage of a particular event type.	NULL	No

Column Name	Data Type	Description	Null Option	Is PK
NETWORK_OPERATOR_ID	VARCHAR(32)	Contains a unique identifier for an operator in whose network an event terminates. Examples of network operators include AT&T or Verizon.	NOT NULL	No
NETWORK_TYPE_CD	VARCHAR(10)	Contains a code for a network type in order to indicate whether an event occurred in the communications service provider's network or outside it. Examples include onnet or offnet.	NULL	No
NUM_OF_DROPPED_EVENT	NUMERIC(10)	Indicates the number of dropped voice calls of a mobile or a fixed line for a product that belongs to a subscription.	NULL	No
NUM_OF_EVENT	NUMERIC(10)	Contains the number of voice calls that originate from or terminate on a mobile or a fixed line for a product that belongs to a subscription.	NULL	No
NUM_OF_FAILED_EVENT	NUMERIC(10)	Contains the number of failed voice calls for a mobile or a fixed line for a product that belongs to a subscription.	NULL	No
PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	NOT NULL	No
PROD_ACCESS_CATEGORY_CD	VARCHAR(10)	Contains a code for an access category. These codes are based on the method that is used for accessing services. The supplied values can be wireline or wireless.	NULL	No

Column Name	Data Type	Description	Null Option	Is PK
PROD_ACCESS_STANDARD_CD	VARCHAR(10)	Contains the code for an access standard that is based on the underlying communication technology. For wireline technology, the supplied values can be PSTN, DSL or ADSL, and broadband; for wireless technology, the supplied values can be GSM and CDMA.	NULL	No
PROD_ID	VARCHAR(32)	Contains a unique identifier for a marketable entity. This entity can have hardware, services, or combination of hardware and services.	NOT NULL	Yes
SERVICE_CATEGORY_CD	VARCHAR(10)	Contains a code that categorizes a service. Example of a service category includes messaging service.	NULL	No
SERVICE_DELIVERY_TECH_CD	VARCHAR(10)	Contains a code for a communication technology or a protocol over which a service is delivered. The supplied values can be WAP, GPRS, and WAP over GPRS.	NULL	No
SERVICE_ID	VARCHAR(32)	Contains a unique identifier for an entity. This entity describes the logical functionality that is provided as a part of a product.	NOT NULL	Yes
SUBSCRIP_ACTIVATION_DT	DATE	Contains the date on which a subscription is activated in the billing system.	NOT NULL	No
SUBSCRIP_ID	VARCHAR(32)	Contains a unique identifier for a subscription.	NOT NULL	Yes

Column Name	Data Type	Description	Null Option	Is PK
TIME_BAND_CD	VARCHAR(10)	Contains a code for a time band. A time band is a range of time between starting and ending times. Time bands can be used by CSPs to define service categories based on their operation in a specific time interval such as peak or off peak time.	NOT NULL	Yes
USG_REVENUE_AMT	NUMERIC(15,3)	Contains the revenue generated by the messaging usage for a product that belongs to a subscription.	NULL	No
VOL_OF_EVENT	NUMERIC(10)	Contains the volume of messages that are exchanged for a product that belongs to a subscription. Note: The unit of measurement for duration and volume is decided during implementation.	NULL	No



Column Descriptions of Application Data Mart Tables

Common Tables

Here is an alphabetic list of common tables in the Application data mart with their column descriptions.

Table 5.1 ACTION_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
ACTION_CD	VARCHAR(20)	Contains the unique code value of each action that is currently supported. These values are pre-packaged along with solution and are also used in internal logic. Therefore, you should not edit these values.	Not Null	No
ACTION_DESC	VARCHAR(600)	Contains the action description.	Null	No
ACTION_SHORT_NM	VARCHAR(120)	Contains the action short name.	Not Null	No
ACTION_SK	NUMERIC(8)	Contains the surrogate key for Action Master.	Not Null	Yes

Table 5.2 ACTUAL_RESULT_CONTROL_DETAIL Table

Column Name	Data Type	Description	Null Option	Is PK
ACTUAL_RESULT_AS_OF_DTTM	DATE	Contains the date of actual calculations.	Not Null	No
ACTUAL_RESULT_CONTROL_DTL_SK	NUMERIC(8)	Contains the surrogate key for the actual result control detail.	Not Null	Yes
ACTUAL_RESULT_PROCESSED_DTTM	DATE	Contains the date on which the actual calculation run was executed.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
ACTUAL_RESULT_STATUS_SK	NUMERIC(8)	Contains the foreign key to indicate the status of last run of the actual run procedure. For example, the status can be Failed or Success and it is the foreign key to Status Master.	Not Null	No
SCORING_CONTROL_DETAIL_SK	NUMERIC(8)	Contains the surrogate key to scoring control detail. This key indicates a scoring run.	Not Null	No

Table 5.3 AGGREGATION_TYPE_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
AGGREGATION_TYPE_CD	VARCHAR(3)	Contains the unique code value, such as SUM, MIN, MAX, AVG, or CNT, of each aggregation type. These values are pre-packaged along with the solution and are also used in internal logic. Therefore, you should not edit these values.	Not Null	No
AGGREGATION_TYPE_DESC	VARCHAR(600)	Contains the description of the aggregation type.	Null	No
AGGREGATION_TYPE_SHORT_NM	VARCHAR(120)	Contains the short name of the aggregation type such as average, summation, and minimum. These values are used for display in the UI.	Not Null	No
AGGREGATION_TYPE_SK	NUMERIC(8)	Contains the surrogate key for the supported aggregation types.	Not Null	Yes

Table 5.4 BEHAVIORAL_VARIABLE Table

Column Name	Data Type	Description	Null Option	Is PK
AGGREGATION_TYPE_SK	NUMERIC(8)	Contains the foreign key to the aggregation type that is used for deriving a behavioral variable. The possible values are SUM, MIN, MAX, COUNT, and AVG. For example, Transaction Summation for TOT_TR_AMT_LST_1M, and Average for AVG_BAL_AMT_LST_3M.	Not Null	No
MEASURE_SOURCE_COLUMN_SK	NUMERIC(8)	Contains the foreign key for the Source Column Master. This key indicates the measure type of the column, which will be selected and aggregated from the source table. It will then be added as an ABT variable.	Not Null	No
TIME_PERIOD_SK	NUMERIC(8)	Contains the foreign key to the period for which a behavioral variable is derived. For example, the period that is considered can be last 1 month for TOT_TR_AMT_LST_1M or last 3 Weeks for AVG_BAL_AMT_LST_3W.	Not Null	No
VARIABLE_SK	NUMERIC(8)	Contains the foreign key to Variable Master.	Not Null	Yes

Table 5.5 COLUMN_DATA_TYPE_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
COLUMN_DATA_TYPE_CD	VARCHAR(3)	Contains the unique code value of each column type. These values are pre-packaged along with the solution and are also used in internal logic. Therefore, you should not edit these values.	Not Null	No
COLUMN_DATA_TYPE_DESC	VARCHAR(600)	Contains the description of the column type.	Null	No
COLUMN_DATA_TYPE_SHORT_NM	VARCHAR(120)	Contains the short name of the column type. These values are used for display in the UI.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
COLUMN_DATA_TYPE_SK	NUMERIC(8)	Contains the surrogate key for the column data type.	Not Null	Yes

Table 5.6 COLUMN_TYPE_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
COLUMN_TYPE_CD	VARCHAR(3)	Contains the unique code value of each column type. These values are pre-packaged along with the solution and are also used in internal logic. Therefore, you should not edit these values.	Not Null	No
COLUMN_TYPE_DESC	VARCHAR(600)	Contains the description of the column type.	Null	No
COLUMN_TYPE_SHORT_NM	VARCHAR(120)	Contains the short name of the column type. These values are used for display in the UI.	Not Null	No
COLUMN_TYPE_SK	NUMERIC(8)	Contains the surrogate key for the column type.	Not Null	Yes

Table 5.7 COLUMN_USAGE_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
COLUMN_USAGE_CD	VARCHAR(8)	Contains the unique code value of each column usage. These values are pre-packaged along with the solution and are also used in internal logic. Therefore, you should not edit these values.	Not Null	No
COLUMN_USAGE_DESC	VARCHAR(600)	Contains the description of the column usage.	Null	No
COLUMN_USAGE_SHORT_NM	VARCHAR(120)	Contains the short name for column usage. These values are displayed in the UI.	Not Null	No
COLUMN_USAGE_SK	NUMERIC(8)	Contains the surrogate key for column usage.	Not Null	Yes

Table 5.8 DABT_CONFIG_PARAM_DTLS Table

Column Name	Data Type	Description	Null Option	Is PK
EDITABLE_FLG	CHARACTER(1)	Contains the indicator to identify whether the value of the parameter is editable.	Not Null	No
LAST_PROCESSED_DTTM	NUMERIC(8)	Contains the date and time that the record for processed.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
PARAM_DATA_TYPE_NM	VARCHAR(40)	Contains the name of the data type of the parameter. This column is not used currently. Therefore, all the parameters have the 'CHAR' value. You can put 'DAT' as data type in date columns for future enhancements.	Not Null	No
PARAM_NM	VARCHAR(40)	Contains the name of the parameter.	Not Null	Yes
PARAM_VAL	VARCHAR(100)	Contains the value of the parameter.	Not Null	No
PRODUCT_CD	VARCHAR(12)	Contains the code of the product that uses this parameter. Currently, CACMID (indicating CAC solution-specific parameter) and DABT (indicating generic DABT parameter) are the two values that are supported.	Not Null	No

Table 5.9 DERIVED_VAR_X_EXPRESSION_VAR Table

Column Name	Data Type	Description	Null Option	Is PK
DERIVED_VARIABLE_SK	NUMERIC(8)	Contains the foreign key to the records of the VARIABLE_SK column in the DERIVED_VARIABLE table.	Not Null	Yes
EXPRESSION_VARIABLE_SK	NUMERIC(8)	Contains the foreign key to the records of the VARIABLE_SK column in Variable Master. This column indicates the variables that are used in the expression of the DERIVED_VARIABLE_SK column.	Not Null	Yes

Table 5.10 DERIVED_VARIABLE Table

Column Name	Data Type	Description	Null Option	Is PK
DERIVED_VAR_CALC_EXPRESSION	VARCHAR(2000)	Contains the expression that refers to any of the ABT variable definitions of derived variables, such as CASE WHEN (AVG_BAL_3G_DUR_LST_3M/AVG_BAL_DATA_DUR_LST_3M) > 1 AND SUBSCRIPTION_STATUS_CD = 'ACTIVE' THEN 1 ELSE 0. It can support any expression syntax, which is valid under the SELECT statement of PROC SQL. You cannot use a simple-derived or	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
		complex-derived variable in the expression of a simple-derived variable. A complex-derived variable cannot use another complex derived variable in its expression.		
VARIABLE_SK	NUMERIC(8)	Contains the foreign key to Variable Master.	Not Null	Yes
VARIABLE_SUB_TYPE_CD	VARCHAR(3)	Contains derived variables that are of two sub types: complex-derived variable (CPX) and simple-derived variable (SPL). Simple-derived variable uses only non-derived variables in its expression. Complex-derived variable (CPX) can use simple-derived or other behavioral, recent, or supplementary variable in its expression. A complex-derived variable (CPX) cannot use another CPX in its expression. A simple-derived variable (SPL) cannot use another SPL in its expression.	Not Null	No

Table 5.11 ENTITY_LEVEL_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	NUMERIC(8)	Contains the date and time when the record was created.	Not Null	No
ENTITY_LEVEL_CD	VARCHAR(10)	Contains the code value for the entity level.	Not Null	No
ENTITY_LEVEL_DESC	VARCHAR(600)	Contains the description for the entity level.	Null	No
ENTITY_LEVEL_SHORT_NM	VARCHAR(120)	Contains the short name for the entity level. These values are used for display in the UI.	Not Null	No
ENTITY_LEVEL_SK	NUMERIC(8)	Contains the entity level SK key for the entity level that the analytical model supports.	Not Null	Yes
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	Not Null	No

Table 5.12 ENTITY_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
ENTITY_DESC	VARCHAR(600)	Contains the entity description.	Null	No
ENTITY_SHORT_NM	VARCHAR(120)	Contains the entity short name.	Not Null	No
ENTITY_SK	NUMERIC(8)	Contains the surrogate key for the entity.	Not Null	Yes
ENTITY_TABLE_NM	VARCHAR(30)	Contains the primary table name of the entity in the APDM.	Not Null	No
RESET_SEQNC_ON_MAX_REACHED_FLG	CHARACTER(1)	Contains the flag that indicates whether the sequence should be reset if it reaches the specified maximum value in the ENTITY_PRODUCT_WISE_SK_RANGE table.	Not Null	No
SEQUENCE_CONTROL_TABLE_NM	VARCHAR(30)	Contains the name of the table, which holds sequence control for surrogate key value generation.	Not Null	No

Table 5.13 ENTITY_PRODUCT_WISE_SK_RANGE Table

Column Name	Data Type	Description	Null Option	Is PK
ENTITY_SK	NUMERIC(8)	Contains the surrogate key for the entity.	Not Null	Yes
NEW_SK_RANGE_FROM	NUMERIC(8)	Contains the starting value for the range of the surrogate key.	Not Null	No
NEW_SK_RANGE_TO	NUMERIC(8)	Contains the ending value for the range of the surrogate key.	Not Null	No
PRODUCT_CD	VARCHAR(12)	Contains the product code.	Not Null	Yes

Table 5.14 EVENT_MAPPING_DTL Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
EVENT_SK	NUMERIC(8)	Contains the surrogate key of the event.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
LEVEL_SK	NUMERIC(8)	Contains the surrogate key for Level Master.	Not Null	Yes
PURPOSE_SK	NUMERIC(8)	Contains the surrogate key for the table usage.	Not Null	Yes

Table 5.15 EVENT_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
EVENT_DATE_COLUMN_NM	VARCHAR(32)	Contains the date column that indicates the value of the event date. The column should be of date and time format.	Not Null	No
EVENT_DESC	VARCHAR(600)	Contains the event description.	Null	No
EVENT_SHORT_NM	VARCHAR(120)	Contains the event short name.	Not Null	No
EVENT_SK	NUMERIC(8)	Contains the surrogate key of the event.	Not Null	Yes
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No

Table 5.16 FILTER_NODE_EXPRSSN_X_VALUE Table

Column Name	Data Type	Description	Null Option	Is PK
DIM_ATTRIBUTE_VALUE_SK	NUMERIC(8)	Contains the surrogate key for the dimensional attribute values.	Not Null	Yes
SUBSET_FILTER_NODE_EXPRSSN_SK	NUMERIC(8)	Contains the surrogate key to the WHERE condition.	Not Null	Yes
SUBSET_FILTER_NODE_SK	NUMERIC(8)	Contains the surrogate key to the subset filter node.	Not Null	Yes
SUBSET_QUERY_SK	NUMERIC(8)	Contains the surrogate key of the subset query.	Not Null	Yes

Table 5.17 IMPLICIT_SUBSET_SPCFCTN_DTL Table

Column Name	Data Type	Description	Null Option	Is PK
APPLICABLE_FOR_PROCESS_TYPE_CD	VARCHAR(3)	Contains the possible values for the MDL, BCK, or SCR process. There can be different implicit subset filter for MDL and SCR processes.	Not Null	Yes
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
LEVEL_SK	NUMERIC(8)	Contains the surrogate key for the Level Master.	Not Null	Yes
PURPOSE_SK	NUMERIC(8)	Contains the surrogate key to the table usage.	Not Null	Yes
SUBSET_QUERY_SK	NUMERIC(8)	Contains the surrogate key to Subset Query Master. This column indicates the subset filter definition that is applied for applicable purpose, level, and process type code.	Not Null	No

Table 5.18 IMPLICIT_VAR_SPECIFICATION_DTL Table

Column Name	Data Type	Description	Null Option	Is PK
ABT_TIME_GRAIN_SK	NUMERIC(8)	Contains the surrogate key for Time Frequency Master.	Not Null	Yes
APPLICABLE_FOR_ACT_PROCESS_FLG	CHARACTER(1)	Contains the values that indicate whether the variable should be implicitly added to the actual calculation process ABT. The possible values are Y or N.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
APPLICABLE_FOR_SCR_PROCESS_FLG	CHARACTER(1)	Contains the values that indicate whether the variable should be implicitly added to the scoring ABT. The possible values are Y or N.	Not Null	No
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
LEVEL_SK	NUMERIC(8)	Contains the surrogate key for Level Master.	Not Null	Yes
MDL_ABT_OUTCOME_VARIABLE_FLG	CHARACTER(1)	Contains the values that indicate whether the variable should be used as an implicit outcome variable in the modeling ABT. The possible values are Y or N.	Not Null	No
PURPOSE_SK	NUMERIC(8)	Contains the surrogate key to the table usage.	Not Null	Yes
VARIABLE_SK	NUMERIC(8)	Contains the surrogate key of the ABT variables.	Not Null	Yes

Table 5.19 LEVEL_ASSOC Table

Column Name	Data Type	Description	Null Option	Is PK
ASSOC_LEVEL_SK	NUMERIC(8)	Contains the surrogate key for Level Master	Not Null	Yes
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
LEVEL_SK	NUMERIC(8)	Contains the surrogate key for Level Master.	Not Null	Yes

Column Name	Data Type	Description	Null Option	Is PK
MAPPING_SOURCE_TABLE_SK	NUMERIC(8)	Stores the association mapping between two levels. This table must have key columns of both the levels and two columns of valid from and valid to usage.	Not Null	No

Table 5.20 LEVEL_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
AVAILABLE_FOR_PROJECT_DFN_FLG	CHARACTER(1)	Indicates the condition to show only those levels in the drop-down list of the Levels column of the Level Master. The list of levels is shown while creating a new project.	Not Null	No
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created this record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when this record was created.	Not Null	No
DATE_COLUMN_NM_FOR_AVG_CALC	VARCHAR(32)	Contains the date column that is used in average calculations such as 'First Became Customer Date' for customer level. This date signifies that the customer should now be considered for average calculations. Therefore, all source tables that are used for deriving behavioral ABT variables for a level should have a column with exactly the same name if there is Average type of calculations based on it. If this column has a null value, then this date will not be considered for Average calculation and averages will be based on time period defined for variable. The source date column, which is mapped as date for average	Null	No

Column Name	Data Type	Description	Null Option	Is PK
		calculations should be of Date Time format.		
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
LEVEL_CD	VARCHAR(1)	Contains the unique code value of each level. These values are prepackaged along with solution and are also used in internal logic. Therefore, the values should not be edited.	Not Null	No
LEVEL_DESC	VARCHAR(600)	Contains the description of a level such as customer.	Null	No
LEVEL_KEY_COLUMN_NM	VARCHAR(200)	Contains the column name that contains the key value for a given level. This column is used to aggregate and merge detailed information from different sources. Therefore, all source tables for a level must have a column with this name. A space is used to separate multiple columns.	Not Null	No
LEVEL_SHORT_NM	VARCHAR(120)	Contains the short name of a level. These values are displayed in the UI.	Not Null	No
LEVEL_SK	NUMERIC(8)	Contains the surrogate key for the Level Master.	Not Null	Yes

Table 5.21 LIBRARY_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
LIBNAME_STATEMENT	VARCHAR(400)	Contains the valid library statement with a semicolon at the end. For example, LIBNAME sales '/users/myid/mydir'; These declaration should have same libref as defined in LIBRARY_MASTER.LIBRARY_REFERENCE. If APDM.LIBRARY_MASTER.LIBNAME_STATEMENT is null, then DABT will assume that the library declared in LIBRARY_MASTER is available after init statement execution through pre-assigned library or declaration in init or post-init macros.	Null	No
LIBRARY_DESC	VARCHAR(600)	Contains the description of the library.	Null	No
LIBRARY_REFERENCE	VARCHAR(8)	Indicates the libref (library reference) that is mentioned in the LIBNAME_STATEMENT.	Not Null	No
LIBRARY_SHORT_NM	VARCHAR(120)	Indicates the short name of the library that is used for display purpose in the UI.	Not Null	No
LIBRARY_SK	NUMERIC(8)	Indicates the surrogate key for the library.	Not Null	Yes
LIBRARY_TYPE_CD	VARCHAR(3)	Indicates the type of tables that are stored in the library. It contains the 'SRC' value, which indicates that only source tables are used as input tables for ABT or subset filters. No other value is expected in this table for the current release.	Not Null	No

Table 5.22 LIFETIME_TIMEUNIT_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	NUMERIC(8)	Contains the date and time when the record was created.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	Not Null	No
LIFETIME_TIMEUNIT_CD	VARCHAR(10)	Contains the code for time unit of the lifetime value.	Not Null	No
LIFETIME_TIMEUNIT_DESC	VARCHAR(600)	Contains the description for the time unit of the lifetime value.	Null	No

Column Name	Data Type	Description	Null Option	Is PK
LIFETIME_TIMEUNIT_SHORT_NM	VARCHAR(120)	Contains the short name for the time unit of the lifetime value. These values are used for display in the UI.	Not Null	No
LIFETIME_TIMEUNIT_SK	NUMERIC(8)	Contains the key for the time unit of the lifetime value.	Not Null	Yes
LIFETIME_TIMEUNIT_VALUE	VARCHAR(10)	Contains the value for the time unit of the customer's lifetime.	Not Null	No

Table 5.23 MDL_ABT_LAST_RUN_AS_OF_DT_DTL Table

Column Name	Data Type	Description	Null Option	Is PK
ABT_SK	NUMERIC(8)	Contains the surrogate key for the Modeling ABT template.	Not Null	Yes
LAST_BUILT_AS_OF_DTTM	DATE	Contains the ABT build date for which ABT was last time submitted for the build.	Null	Yes
LAST_EVALUATION_AS_OF_DTTM	DATE	Contains the latest model evaluation date.	Not Null	Yes
MODEL_SK	NUMERIC(8)	Contains the surrogate key of the analytical model.	Not Null	Yes

Table 5.24 MDL_EVL_LAST_RUN_AS_OF_DT_DTL Table

Column Name	Data Type	Description	Null Option	Is PK
LAST_EVALUATION_AS_OF_DTTM	DATE	Contains the latest model evaluation date.	Not Null	Yes
MODEL_SK	NUMERIC(8)	Contains the surrogate key of the analytical model.	Not Null	Yes

Table 5.25 MODEL_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
APPLY_OC_BSD_PST_IMPL_SBST_FLG	CHARACTER(1)	Indicates whether to apply the outcome variable definition driven filter. The default value for this column is taken from PURPOSE_LEVEL_CONFIG_DTL.APPLY_OC_PST_IMPL_SBST_BCK_FLG.	Null	No
CR_MITIGANT_ADJUSTED_FLG	CHARACTER(1)	Contains the Credit Mitigant Adjusted Flag.	Null	No
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
CTOF_RULE_CONF	NUMERIC(8)	Contains the cut-off value for the minimum confidence (defined as percentage) of the rule. This column is populated for the captured models for which rules are generated as an output. The cut-off value is used for filtering rules.	Null	No
CTOF_RULE_LHS_LEN	NUMERIC(8)	Contains the cut-off value for the maximum length of right hand of the rule. This column is populated for captured models for which rules are generated as an output. The cut-off value is used for filtering rules.	Null	No
CTOF_RULE_LIFT	NUMERIC(8)	Contains the cut-off value for the minimum lift (defined as percentage) of the rule. This column is populated for the captured models for which rules are generated as an output. The cut-off value is used for filtering rules.	Null	No
CTOF_RULE_RHS_LEN	NUMERIC(8)	Contains the cut-off value for the maximum length of right hand of the rule. This column will be populated for captured models for which rules are generated as an output. The cut-off value is used for filtering rules.	Null	No
CTOF_RULE_SUPP	NUMERIC(8)	Contains the cut-off value for the minimum support (defined as percentage) of the rule. This column is populated for the captured models for which rules are generated as an output. This is used internally for rules filtering.	Null	No
CUT_OFF_VALUE	NUMERIC(6,2)	Contains the cut-off value for the score or the prediction that is generated by the model.	Null	No

Column Name	Data Type	Description	Null Option	Is PK
ENTITY_LEVEL_CD	VARCHAR(10)	Signifies the level of output such as rules and propensity scores of the analytical model. This column is populated for the captured models for which rules are generated as an output or for the models for which the scores are populated only for a particular level. For example, the possible values for entity level code can be SRV (indicating service), PRD (indicating product) or OFR (indicating offer)	Null	No
ENTITY_LEVEL_ID	VARCHAR(400)	Contains the unique identifier for entity level ID. This column signifies the ID values for level of the output such as rules and propensity scores of the analytical model. This column is populated for the captured models for which rules are generated as an output or for the models for which the scores are populated only for a particular level. For example, if the entity level code is SRV (for service), then the values that will be stored in this column will be actual ID values for service in the foundation data mart, such as 'SERVICE_1', 'SERVICE_2'.	Null	No
FACTOR_RT	NUMERIC(10,4)	Indicates the factor that is used to convert Profitability of Default (PD) scores to corresponding PD or vice versa.	Null	No
LAST_EVALUATION_RUN_DTTM	DATE	Contains the last date on which model evaluation was run.	Not Null	No
LAST_EVALUATION_STATUS_SK	NUMERIC(8)	Contains the surrogate key to Status Master. It indicates model evaluation status.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
LAST_REGISTERED_DTTM	DATE	Contains the last system date and time that the model was registered.	Null	No
LAST_REGISTERED_MODEL_ID	VARCHAR(32)	Contains the ID of the model that was registered successfully the last time.	Not Null	No
LAST_REGISTERED_MODEL_NM	VARCHAR(32)	Contains the registered model name.	Not Null	No
LAST_SUBMIT_FOR_SCORING_DTTM	DATE	Contains the system date and time of last time when the model was submitted for scoring.	Null	No
LEVEL_SK	NUMERIC(8)	Contains the foreign key of Level Master.	Not Null	No
LIFETIME_TIMEUNIT_SK	NUMERIC(8)	Contains the foreign key from the LIFETIME_UNIT_MASTER table. This column indicates the time interval for the output of the captured analytical model. This column is applicable to survival type of models for which expected lifetime is generated as the output of the model.	Null	No
MAX_NUM_RULES	NUMERIC(8)	Signifies the maximum number of captured rules that should exist in the rule set after filtering. This column is populated for models for which rules are generated as an output. This column is used for filtering rules.	Null	No
MODEL_DEPLOYMENT_CHAMP_FLG	CHARACTER(1)	Contains the champion flag.	Null	No
MODEL_DESC	VARCHAR(600)	Contains the description of the analytical model.	Null	No
MODEL_ID	VARCHAR(30)	Contains the unique identifier for the model.	Not Null	No
MODEL_SHORT_NM	VARCHAR(120)	Contains a descriptive name for the analytical model that is displayed in the UI.	Not Null	No
MODEL_SK	NUMERIC(8)	Contains the surrogate key of the analytical model.	Not Null	Yes

Column Name	Data Type	Description	Null Option	Is PK
MODEL_SOURCE_CD	VARCHAR(3)	Indicates whether the model was developed using Solution Web interface or SAS Enterprise Miner Client. The possible values in this column are codes indicating solution name or 'EMN'.	Not Null	No
MODEL_STATUS_SK	NUMERIC(8)	Contains the surrogate key of the Status Master.	Not Null	No
OFFSET_RT	NUMERIC(10,4)	Converts the probability value generated by the analytical model into the corresponding score or vice versa. This column works in association with the FACTOR_RT column.	Null	No
PROJECT_SK	NUMERIC(8)	Contains the foreign key of the project.	Null	No
PUBLISH_TEMPLATE_FLG	CHARACTER(1)	Indicates the default value as 'N'. This column is not applicable for this release.	Not Null	No

Table 5.26 MODEL_OUTPUT_COLUMN Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
MODEL_OUTPUT_COLUMN_SK	NUMERIC(8)	Contains the surrogate key for model output column.	Not Null	Yes
MODEL_SK	NUMERIC(8)	Contains the surrogate key of the Analytical Model.	Not Null	No
SCORING_OUTPUT_COLUMN_NM	VARCHAR(32)	Indicates the name of the column in the scoring output data set. This information is captured from the registered metadata of the model.	Not Null	No

Table 5.27 MODEL_RULE_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
ANALYSIS_UNIT	VARCHAR(200)	Contains the unit that appears on the left hand of the rule. This column is populated based on the rules data set that SAS Enterprise Miner generates.	Not Null	No
ANALYSIS_UNIT_FREQ	NUMERIC(8)	Contains the number of records that satisfy the left hand of the rule. This column is not currently populated and is to be used for future enhancement.	Null	No
ANALYSIS_UNIT_SIZE	NUMERIC(8)	Contains the size of the left hand of the rule. This column is populated based on the rules data set that SAS Enterprise Miner generates.	Null	No
ASSOC_ANALYSIS_UNIT	VARCHAR(200)	Contains the unit that appears on the right hand of the rule. This column is populated based on the rules data set that SAS Enterprise Miner generates.	Not Null	No
ASSOC_ANALYSIS_UNIT_FREQ	NUMERIC(8)	Contains the number of records satisfying the right hand of the rule. This column is not currently populated and is to be used for future enhancement.	Null	No
ASSOC_ANALYSIS_UNIT_SIZE	NUMERIC(8)	Contains the size of right hand of the rule. This column is populated based on the rules data set that SAS Enterprise Miner generates.	Null	No
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	NUMERIC(8)	Contains the date and time when the record was created.	Not Null	No
FREQ_TO_COCCUR	NUMERIC(8)	Contains the number of records where left hand and right hand of the rule is satisfied. This column is not currently populated and is to be used for future enhancement.	Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the user ID that was used for the last update.	Not Null	No
LAST_PROCESSED_DTTM	NUMERIC(8)	Contains the date and time of the last update.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
MODEL_SK	NUMERIC(8)	Contains the surrogate key for the captured analytical model.	Not Null	Yes
RULE_CONFIDENCE	NUMERIC(8)	Contains the percentage confidence of the rule. This column is populated based on the rules data set that SAS Enterprise Miner generates.	Null	No
RULE_LIFT	NUMERIC(8)	Contains the percentage lift for the rule. This column is populated based on the rules data set that SAS Enterprise Miner generates.	Null	No
RULE_SK	NUMERIC(8)	Contains the surrogate key for the rule in the captured analytical model.	Not Null	Yes
RULE_SUPPORT	NUMERIC(8)	Contains the percentage supported for the rule. This column is populated based on the rules data set that SAS Enterprise Miner generates.	Null	No
RULE_TEXT	VARCHAR(400)	Contains the actual rule that shows relationship between the analysis unit and association unit. This column is populated based on the rules data set that SAS Enterprise Miner generates.	Not Null	No
TOT_BASKET_SIZE	NUMERIC(8)	Contains the total population that is analyzed. This column is populated based on the rules data set that SAS Enterprise Miner generates.	Null	No

Table 5.28 MODEL_SCORING_OUTPUT_COLUMN Table

Column Name	Data Type	Description	Null Option	Is PK
CORRESPONDING_SCR_RSLT_COLUMN_NM	VARCHAR(30)	Contains the name of the corresponding column of the scoring output columns that are stored in the predicted scoring result-related table. For propensity model, only the 'P_<Binary Outcome Column Name>'1' scoring output column is stored in the PREDICTED_TARGET_PROBABILITY column of the predicted scoring result-related table.	Null	No
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
MODEL_SCORING_OUTPUT_COLUMN_SK	NUMERIC(8)	Contains the surrogate key for the Model Scoring Output column.	Not Null	Yes
SCORING_MODEL_SK	NUMERIC(8)	Contains the surrogate key for the scoring model.	Not Null	No
SCORING_OUTPUT_COLUMN_NM	VARCHAR(32)	Contains the name of the column in the scoring output data set. This information is captured from the registered metadata of the model.	Not Null	No

Table 5.29 MODEL_SEGMENT_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
MODEL_SEGMENT_SK	NUMERIC(8)	Contains the surrogate key for model segment	Not Null	Yes
MODEL_SK	NUMERIC(8)	Contains the surrogate key of the Analytical Model	Not Null	No
SEGMENT_DESC	VARCHAR(600)	Contains the segment description. You can edit this value.	Null	No
SEGMENT_NM	VARCHAR(32)	Contains the segment name such as 1, 2, and 3. This segment name is exactly the same as assigned by the SAS Enterprise Miner model. You should not edit this value manually.	Not Null	No
SEGMENT_SHORT_NM	VARCHAR(120)	Contains the segment short name. You can edit this value.	Not Null	No

Table 5.30 MODEL_STATUS_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
MODEL_STATUS_CD	VARCHAR(12)	Contains the unique code value that is assigned to each status. These values are prepackaged along with solution and are also used in the internal logic. Therefore, you should not edit these values.	Not Null	No
MODEL_STATUS_DESC	VARCHAR(600)	Contains the description of the status.	Null	No
MODEL_STATUS_SHORT_NM	VARCHAR(120)	Contains the short name of the status. These values are displayed in the UI.	Not Null	No
MODEL_STATUS_SK	NUMERIC(8)	Contains the surrogate key to Status Master.	Not Null	Yes

Table 5.31 MODEL_X_MODELING_ABT Table

Column Name	Data Type	Description	Null Option	Is PK
ABT_SK	NUMERIC(8)	Contains the foreign key for the modeling ABT.	Not Null	Yes
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the model.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the model was created.	Not Null	No
MODEL_SK	NUMERIC(8)	Contains the foreign key of the Analytical Model.	Not Null	Yes

Table 5.32 MODEL_X_SIGNIFICANT_VARIABLE Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the model.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the model was created.	Not Null	No
MODEL_SK	NUMERIC(8)	Contains the surrogate key of the Analytical Model	Not Null	Yes
VARIABLE_SK	NUMERIC(8)	Contains the surrogate key of ABT variables.	Not Null	Yes

Table 5.33 MODELING_AB_T_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
ABT_DESC	VARCHAR(600)	Contains the description of the Modeling ABT.	Null	No
ABT_SHORT_NM	VARCHAR(120)	Contains the short name of the Modeling ABT. These values are displayed in the UI.	Not Null	No
ABT_SK	NUMERIC(8)	Contains the surrogate key for the Modeling ABT template.	Not Null	Yes
ABT_TABLE_NM	VARCHAR(30)	Contains the physical name of the ABT table.	Not Null	No
APPLY_BLD_DT_CAP_OUTCM_VAR_FLG	CHARACTER(1)	Contains the default value that is retrieved from PURPOSE_MASTER.APPLY_BLD_DT_CAP_OUTCM_VAR_FLG.	Not Null	No
APPLY_OC_BSD_PST_IMPL_SBST_FLG	CHARACTER(1)	Indicates whether to apply the filter that is based on the definition of an outcome variable. The default value for this column is retrieved from PURPOSE_LEVEL_CONFIG_DTL.APPLY_OC_PST_IMPL_SBST_MDL_FLG.	Null	No
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created this record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
EVENT_SK	NUMERIC(8)	Contains the surrogate key of the event.	Null	No
LAST_BUILT_RUN_DTTM	DATE	Contains the system date and time on which ABT was last time submitted for build. It is populated independent of whether ABT build was successful.	Null	No
LAST_BUILT_STACKED_TYPE_FLG	CHARACTER(1)	Indicates whether the last build of an ABT was of stacked type.	Null	No

Column Name	Data Type	Description	Null Option	Is PK
LAST_BUILT_STATU S_SK	NUMERIC(8)	Contains the foreign key to indicate status (such as failed or success) of the ABT building procedure when it was last time submitted for build.	Null	No
LAST_PROCESSED_ BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_ DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
LEVEL_SK	NUMERIC(8)	Contains the Foreign to Level (subject of analysis such as customer) at which the Modeling ABT is created.	Not Null	No
MODELING_AB_T ST ATUS_SK	NUMERIC(8)	Contains the surrogate key to Status Master.	Not Null	No
PROJECT_SK	NUMERIC(8)	Contains the foreign key for the project.	Null	No
PUBLISH_TEMPLATE _FLG	CHARACTER(1)	Indicates the default value as 'N'. The possible values are N or Y. N indicates that variables of the ABT cannot be imported into another ABT by any other user. Y indicates that this ABT is published by some user. It also indicates that this ABT is provided as pre-packaged template along with the solution. Variables of this ABT can be imported into another ABT by any other user.	Not Null	No
SOURCE_DATA_TIM E_GRAIN_SK	NUMERIC(8)	Contains the surrogate key for Time Frequency Master. It has significance while defining and calculating variables.	Not Null	No
TARGET_PERIOD_C NT	NUMERIC(4)	Contains the duration of the target period with reference to the TARGET_PERIOD_TIME_FREQ_SK table. The analytical model is developed to predict the probability of an event within a specified period such as 3 Month, 6 Week, and so on. This period is called the target period.	Null	No
TARGET_PERIOD_TI ME_FREQ_SK	NUMERIC(8)	Contains the foreign key to indicate the unit of measure for target period time count, such as Day, Week, and Month.	Null	No

Table 5.34 MODELING_ABT_STATUS_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
MODELING_ABT_STATUS_CD	VARCHAR(12)	Contains the unique code value of each status. These values are prepackaged along with solution and are also used in the internal logic. Therefore, you should not edit these values.	Not Null	No
MODELING_ABT_STATUS_DESC	VARCHAR(600)	Contains the description of the status.	Null	No
MODELING_ABT_STATUS_SHORT_NM	VARCHAR(120)	Contains the short name of the status. These values are displayed in the UI.	Not Null	No
MODELING_ABT_STATUS_SK	NUMERIC(8)	Contains the surrogate key to Status Master.	Not Null	Yes

Table 5.35 MODELING_ABT_X_VARIABLE Table

Column Name	Data Type	Description	Null Option	Is PK
ABT_SK	NUMERIC(8)	Contains the foreign key to the Modeling ABT.	Not Null	Yes
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the model.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the model was created.	Not Null	No
IMPLICIT_VARIABLE_FLG	CHARACTER(1)	Contains the implicit variable flag.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
OUTCOME_VARIABLE_FLG	CHARACTER(1)	Indicates the value as 'Y' if the variable is an outcome variable. An ABT can contain at the most one outcome variable Outcome Variable and corresponding expression variables are calculated as of (ABT_DT + Outcome Period). Input Variable and corresponding expression variables are calculated as of (ABT_DT).	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
PART_OF_AB_T_FLG	CHARACTER(1)	Indicates the value as 'N' and that this particular column is not included in the final ABT table. By default, all variables that are used in the expression of outcome variables are marked as 'N'. Users can change the value of this column from the UI if they need to have this column in the final ABT. You can use a variable in the expression of either or both of the outcome or input variables that are associated with the ABT.	Not Null	No
VARIABLE_DESC	VARCHAR(600)	Contains the description of the ABT variable. You can link one record in Variable Master to one or more ABTs. These records can have a different description in each ABT.	Null	No
VARIABLE_SHORT_NM	VARCHAR(120)	Contains the short name of the ABT variable. These values are displayed in the UI and are also used as column labels for ABT variables. You can link one record in Variable Master to one or more ABTs. These records can have a different description in each ABT.	Not Null	No
VARIABLE_SK	NUMERIC(8)	Contains the foreign key to Variable Master.	Not Null	Yes

Table 5.36 OPERATOR_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
APPLICABLE_TO_CHAR_OPERAND_FLG	CHARACTER(1)	Indicates whether the operator is applicable to the character data type.	Not Null	No
APPLICABLE_TO_DT_OPERAND_FLG	CHARACTER(1)	Indicates whether the operator is applicable to the date data type.	Not Null	No
MULTIPLE_VALUE_ALLOWED_FLG	CHARACTER(1)	Indicates whether the operator supports multiple values.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
OPERATOR_CD	VARCHAR(3)	Contains the unique code value for each operator that is currently supported, such as EQL, NQL, GTT, and LET. These values are prepackaged along with solution and are also used in the internal logic. Therefore, you should not edit these values.	Not Null	No
OPERATOR_DESC	VARCHAR(600)	Contains the operator description.	Null	No
OPERATOR_SHORT_NM	VARCHAR(120)	Contains the short name of the operator, such as Equal to, Not Equal to, Is Missing, Less Than, and Greater Than. These values are displayed in the UI.	Not Null	No
OPERATOR_SK	NUMERIC(8)	Contains the surrogate key of the supported operators.	Not Null	Yes
OPERATOR_SYNTAX	VARCHAR(20)	Contains the valid expression syntax corresponding to each of the operators. These values are prepackaged along with the solution and should not be edited. These values are used to create the WHERE Clause Expression.	Not Null	No

Table 5.37 POST_ACTION_MACRO_CONFIG_DTL Table

Column Name	Data Type	Description	Null Option	Is PK
ACTION_SK	NUMERIC(8)	Contains the surrogate key for Action Master.	Not Null	Yes
POST_ACTION_MACRO_NM	VARCHAR(40)	Contains the name of the solution-specific macro that is to be called after the corresponding action.	Not Null	No
PURPOSE_SK	NUMERIC(8)	Contains the surrogate key of the table usage.	Not Null	Yes

Table 5.38 PRODUCT_WISE_VALID_PURPOSE_CD Table

Column Name	Data Type	Description	Null Option	Is PK
APPLICABLE_PURPOSE_CD	VARCHAR(200)	Contains the CSV list of purpose code that is applicable for a product code.	Not Null	No
PRODUCT_CD	VARCHAR(12)	Indicates the product code.	Not Null	Yes

Table 5.39 PROJECT_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
IMPLICIT_BCKTS_SUBSET_QUERY_SK	NUMERIC(8)	Contains the surrogate key of the subset query.	Not Null	No
IMPLICIT_SUBSET_QUERY_SK	NUMERIC(8)	Indicates that the query is to be duplicated for the project.	Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Indicates the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
LEVEL_SK	NUMERIC(8)	Contains the foreign key for Level Master. It indicates the subject of analysis. All entities such as Subset Query, Modeling ABT, and Model in a project are at the same level as that of the project.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
PROJECT_DESC	VARCHAR(600)	Contains the description of the project.	Null	No
PROJECT_ID	VARCHAR(30)	Contains the project's physical folder name. This is a system-generated value.	Not Null	No
PROJECT_SHORT_NM	VARCHAR(120)	Contains the short name of the project. These values are displayed in the UI.	Not Null	No
PROJECT_SK	NUMERIC(8)	Contains the surrogate key for the project.	Not Null	Yes
PURPOSE_SK	NUMERIC(8)	Contains the foreign key of Purpose Master to indicate the purpose of the project.	Not Null	No
SHARING_INDICATOR_FLG	CHARACTER(1)	Indicates that the default value is N. The possible value is N or Y. N indicates that this project is not shared. Only the user who creates the project can open, modify, or delete it. Y indicates that this project is shared. Only the users of the same group as that of the user who created it can open, modify, or delete it.	Not Null	No
SUBJECT_GROUP_SK	NUMERIC(8)	Contains the surrogate key for the subject group.	Null	No
SUBSET_QUERY_SK	NUMERIC(8)	Contains the foreign key of the subset query. It identifies the business segment that is analyzed under this project.	Null	No

Table 5.40 PURPOSE_LEVEL_CONFIG_DTL Table

Column Name	Data Type	Description	Null Option	Is PK
ADD_AGGRN_VAR_IN_ARA_ETN_FLG	CHARACTER(1)	Signifies whether an additional variable that is to be used for aggregation should be added to the ARA (analytical result areas) structures. This column contains Y if	Null	No

Column Name	Data Type	Description	Null Option	Is PK
		purposes for which aggregation of scores from one level to the higher level is supported. For the rest, it contains N.		
APPLY_OC_PST_IMPL_SBST_BCK_FLG	NUMERIC(1)	<p>Signifies whether to apply outcome variable definition driven filter on back testing ABT. This removes those subjects that already satisfy the criterion of the event under consideration as of build date itself. The possible values are "Y" or "N".</p> <p>"Y" indicates that the back testing ABT is applied with the outcome-based filter. Subjects, which are already meeting the event under consideration, are dropped from the back testing ABT. For example, in Retention ABT, those customers who are already churned as of ABT Build Date itself, are dropped from the final modeling ABT. It is internally driven based on outcome variable definition in that ABT. Value of outcome variable is temporarily calculated as of the build date. By default, only those records are included in the final Back Testing ABT, which has value 0.</p>	Null	No
APPLY_OC_PST_IMPL_SBST_MDL_FLG	CHARACTER(1)	Indicates whether to apply the outcome variable definition driven filter on Modeling ABT to remove the subjects of analysis those satisfy the event under consideration as of	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
		<p>the build date itself. The possible values are Y or N. Y indicates that the Modeling is applied with outcome-based filter. Subjects of analysis, which satisfy the event under consideration, are dropped from the scoring ABT. For example, in Retention ABT, those customers who have churned as the of ABT build date are dropped from the final modeling ABT. It is internally driven based on outcome variable definition in that ABT. Value of outcome variable is temporarily calculated as of the build date. By default, only those records are included in the final MDL or SCR ABT that have value 0.</p>		
APPLY_OC_PST_IMPL_SBST_SCR_FLG	CHARACTER(1)	<p>Indicates whether to apply outcome variable definition driven filter on the Scoring ABT to remove those subjects of analysis that satisfy the event under consideration as of the build date. Possible values are Y or N. Y indicates that the Scoring ABT is applied with outcome-based filter. Subjects of analysis that satisfy the event under consideration are dropped from the Scoring ABT. For example, in Retention ABT, those customers who are already churned as of the ABT build date itself are dropped from the final</p>	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
		modeling ABT. It is internally driven based on outcome variable definition in that ABT. Value of outcome variable is temporarily calculated as of the build date. By default, only those records are included in the final Scoring ABT that have value 0.		
APPLY_SGFN_VAR_CHK_FLG	CHARACTER(1)	Signifies whether check for significant variables should be applied in the internal logic. Purposes for which the corresponding analytical models do not generate any significant variables, this column should be marked as 'Y'. For the rest, it should be 'N'.	Null	No
ARA_ACTUAL_TABLE_NM	VARCHAR(30)	Contains the name of the table that stores the output of the actual calculation.	Not Null	No
ARA_SCORING_TABLE_NM	VARCHAR(30)	Contains the name of the table that stores the scoring output.	Not Null	No
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
ENABLE_BLDABT_WTOUT_VARS_FLG	CHARACTER(1)	Signifies whether ABT building should be enabled without variable definition in the ABT. Purposes for which the ABT is generated from subset definition and does not require additional variable creation, this column should be populated as 'Y'. For the rest, it should be marked as 'N'.	Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
		last time.		
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
LEVEL_SK	NUMERIC(8)	Contains the surrogate key for Level Master.	Not Null	Yes
MAKE_ALL_MDL_VAR_AS_SGFN_FLG	CHARACTER(1)	Signifies whether all the variables belonging to the modeling ABT should be marked as significant. This column should contain 'Y' for purposes for which all the corresponding modeling ABT variables have to be considered as significant, for the rest, it should be 'N'	Null	No
MODEL_CAPTURE_FORM_CD	VARCHAR(8)	Contains the model capture form code. It decides the list of fields and validation while capturing the model's information.	Not Null	No
OUTCOME_PERIOD_DISPLAY_FLG	CHARACTER(1)	Indicates whether to display the outcome period. The possible values are Y or N.	Not Null	No
OUTCOME_PERIOD_READ_ONLY_FLG	CHARACTER(1)	Indicates whether to display the outcome period in the read-only mode. The possible values are Y or N.	Not Null	No
PURPOSE_SK	NUMERIC(8)	Contains the surrogate key for the table usage.	Not Null	Yes

Table 5.41 PURPOSE_LEVEL_LIFETIME_CONFIG Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created this record.	Not Null	No
CREATED_DTTM	NUMERIC(8)	Contains the date and time when the record was created.	Not Null	No
LEVEL_SK	NUMERIC(8)	Contains the surrogate key of the level.	Not Null	Yes

Column Name	Data Type	Description	Null Option	Is PK
LIFETIME_TIMEUNIT_SK	NUMERIC(8)	Contains the surrogate key of the desired time unit for the lifetime.	Not Null	Yes
PURPOSE_SK	NUMERIC(8)	Contains the surrogate key for the purpose.	Not Null	Yes

Table 5.42 PURPOSE_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
ACTUAL_REQUIRED_FLG	CHARACTER(1)	Contains the actual required flag.	Not Null	No
APPLY_BLD_DT_CAP_OUTCM_VAR_FLG	CHARACTER(1)	Indicates whether to apply cap of build date while calculating outcome variables in the modeling ABT for any project or apply cap of scoring date while calculating actual values for the actual run. You cannot modify this flag from the UI. The Y value for this flag indicates that if variables involved in calculations of outcome variables are referring to period that is before ABT build date or scoring date, then data before these dates will not be considered for calculating outcome variables.	Not Null	No
CLUSTER_APPLICABLE_FLG	CHARACTER(1)	Signifies whether clusters as analytical output is applicable to the purpose under consideration. Purposes for which clusters (or analytical segments) are generated by the analytical models, this column should be 'Y'. For the rest, it should be 'N'.	Null	No
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
EXPLICIT_OUTCOME_VAR_READ_FLG	CHARACTER(1)	Indicates whether the explicit outcome variable is required.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
PURPOSE_CD	VARCHAR(3)	Contains the unique code value of each table usage. These values are prepackaged along with solution and are also used in the internal logic. Therefore, you should not edit these values.	Not Null	No
PURPOSE_DESC	VARCHAR(600)	Contains the description of the table usage.	Null	No
PURPOSE_SHORT_NM	VARCHAR(120)	Contains the short name of the table usage. These values are displayed in the UI.	Not Null	No
PURPOSE_SK	NUMERIC(8)	Contains the surrogate key to the table usage.	Not Null	Yes
RULE_APPLICABLE_FLG	CHARACTER(1)	Signifies if rules as analytical output are applicable to the purpose under consideration. Purposes for which rules are generated by the analytical models in this column should be 'Y'. For the rest, it should be 'N'.	Null	No

Table 5.43 PURPOSE_TIME_GRAIN_CONFIG_DTL

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
OUTCOME_PERIOD_DEFAULT_VALUE	NUMERIC(10)	Contains the default outcome period value.	Null	No
OUTCOME_PERIOD_MAX_VALUE	NUMERIC(10)	Contains the maximum possible outcome period value.	Null	No
OUTCOME_PERIOD_MIN_VALUE	NUMERIC(10)	Contains the minimum possible outcome period value.	Null	No
PURPOSE_SK	NUMERIC(8)	Contains the surrogate key of the table usage.	Not Null	Yes
SOURCE_DATA_TIME_GRAIN_SK	NUMERIC(8)	Contains the surrogate key for Time Frequency Master.	Not Null	Yes

Table 5.44 PURPOSE_X_LEVEL Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
LEVEL_SK	NUMERIC(8)	Contains the foreign key for Level Master.	Not Null	Yes
PURPOSE_SK	NUMERIC(8)	Contains the foreign key to Purpose Master.	Not Null	Yes

Table 5.45 RECENT_VARIABLE Table

Column Name	Data Type	Description	Null Option	Is PK
ORDER_BY_DATE_SOURCE_COLUMN_SK	NUMERIC(8)	Contains the foreign key for Source Column Master. This key indicates the date type of column on which data is sorted to identify the latest or the recent record.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
SELECT_SOURCE_COLUMN_SK	NUMERIC(8)	Contains the foreign key for Source Column Master. This indicates the column that is selected from the source table and is displayed in the ABT table.	Not Null	No
VARIABLE_SK	NUMERIC(8)	Contains the foreign key to Variable Master.	Not Null	Yes

Table 5.46 SCORING_CONTROL_DETAIL Table

Column Name	Data Type	Description	Null Option	Is PK
ACTUAL_RESULT_RUN_ACTIVE_FLG	CHARACTER(1)	<p>Indicates whether the actual calculation run is still active for a scoring model and scoring as of date.</p> <p>Y value indicates that for a scoring run, actual runs are not yet complete. Actual calculations are not yet complete for OUTCOME_PERIOD_END_DTTM corresponding to a given SCORING_AS_OF_DTTM.</p> <p>N value indicates the final actual calculation is complete as of OUTCOME_PERIOD_END_DTTM.</p>	Null	No
OUTCOME_PERIOD_END_DTTM	DATE	Indicates the ending date of an outcome period for a scoring model and scoring as of date. This is the date on which final actual calculation is done.	Null	No

Column Name	Data Type	Description	Null Option	Is PK
SCORING_AS_OF_DTTM	DATE	Contains the Last Scoring Run As Of Date. It is populated independent of whether scoring was successful.	Not Null	No
SCORING_CONTROL_DETAIL_SK	NUMERIC(8)	Contains the surrogate key for the scoring control.	Not Null	Yes
SCORING_PROCESSED_DTTM	DATE	Contains the system date and time on which scoring was submitted last time.	Not Null	No
SCORING_STATUS_SK	NUMERIC(8)	Contains the foreign key to Status Master. It indicates the success or failure status for a scoring run.	Not Null	No
SCORING_TEMPLATE_SK	NUMERIC(8)	Contains the surrogate key for the scoring ABT job template.	Not Null	No

Table 5.47 SCORING_MODEL Table

Column Name	Data Type	Description	Null Option	Is PK
ACTUAL_REQD_FLG	CHARACTER(1)	Decides whether to create and export the actual result of the job calculations. If the project purpose is segmentation, then, it is marked as 'N'. For other models, it is marked as 'Y'.	Not Null	No
APPLY_OC_BSD_PST_IMPL_SBST_FLG	CHARACTER(1)	Decides whether to apply the outcome variable for the definition driven filter. The default value for this column is populated from PURPOSE_LEVEL_CONFIG_DTL.APPLY_OC_PST_IMPL_SBST_SCR_FLG.	Null	No
APPLY_SCR_DT_CAP_OUTCM_VAR_FLG	CHARACTER(1)	Contains the default value from MODELING_ABT_MASTER.APPLY_BLD_DT_CAP_OUTCM_VAR_FLG.	Not Null	No
CR_MITIGANT_ADJUSTED_FLG	CHARACTER(1)	Contains the credit mitigant flag.	Null	No
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
CTOF_RULE_CONF	NUMERIC (8)	Contains the cut-off value for the minimum confidence (defined as percentage) of the rule. This value is populated for published models for which rules are generated as an output. This column is used for filtering rules.	Null	No
CTOF_RULE_LHS_LEN	NUMERIC (8)	Contains the cut-off value for the maximum length of right hand of the rule. This value is populated for published models for which rules are generated as an output. This column is used for filtering rules.	Null	No
CTOF_RULE_LIFT	NUMERIC (8)	Contains the cut-off value for the minimum lift (defined as percentage) of the rule. This value is populated for published models for which rules are generated as an output. This value is used for filtering rules.	Null	No
CTOF_RULE_RHS_LEN	NUMERIC (8)	Contains the cut-off value for the maximum length of right hand of the rule. This value is populated for published models for which rules are generated as an output. This column is used for filtering rules.	Null	No
CTOF_RULE_SUPP	NUMERIC (8)	Contains the cut-off value for the minimum support (defined as percentage) of the rule. This is value populated for published models for which rules are generated as an output. This column is used for filtering rules.	Null	No
CUT_OFF_VALUE	NUMERIC (6,2)	Contains the cut off value for the score or prediction that is generated by the model.	Null	No
ENTITY_LEVEL_CD	VARCHAR (10)	Signifies the level of output, such as rules and propensity scores of the analytical model. This column is populated for published models for which rules are generated as an output or for the models for which the scores are populated only for a certain level.	Null	No
ENTITY_LEVEL_ID	VARCHAR (400)	Signifies the ID values for the level of output (for example, rules and propensity scores) of the analytical model. This column is populated for published models for which rules are generated as an output or for models for which the scores are populated only for a certain level.	Null	No
EVENT_SK	NUMERIC (8)	Contains the surrogate key of the event.	Null	No
FACTOR_RT	NUMERIC (10,4)	Converts the Profitability of Default (PD) scores to corresponding PD or vice versa.	Null	No

Column Name	Data Type	Description	Null Option	Is PK
IMPLICIT_SUBSET_QUERY_SK	NUMERIC (8)	Indicates that the column is to be duplicated for the scoring model.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR (32)	Indicates the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
LEVEL_SK	NUMERIC (8)	Contains the foreign key for Level Master.	Not Null	No
LIFETIME_TIMEUNIT_SK	NUMERIC (8)	Contains the foreign key from Lifetime Unit Master. This column indicates the time interval for the output of the captured analytical model. This is applicable to the survival type of models for which the expected lifetime is generated as an output.	Null	No
MAX_NUM_RULES	NUMERIC (8)	Signifies the maximum number of rules that should exist in the rule set after filtering. This column is populated for published models for which rules are generated as an output. This column is used for filtering rules.	Null	No
MODEL_DEPLOYMENT_CHAMP_FLG	CHARACTER(1)	Contains the model deployment as Champion Flag.	Null	No
MODEL_DESC	VARCHAR (600)	Contains the description of the analytical model.	Null	No
MODEL_KEY	NUMERIC (8)	Contains the unique identifier (_SK)) of the model from which this model was submitted for scoring.	Not Null	No
MODEL_MINING_ALGORITHM	VARCHAR (20)	Contains the information about the model algorithm that is captured from the registered metadata.	Not Null	No
MODEL_MINING_FUNCTION	VARCHAR (20)	Contains the information about the model function that is captured from the registered metadata.	Not Null	No
MODEL_REGISTERED_ID	VARCHAR (32)	Contains the ID with which model is registered in the metadata server.	Not Null	No
MODEL_REGISTERED_NM	VARCHAR (32)	Contains the name with which model is registered in the metadata server.	Not Null	No
MODEL_SHORT_NM	VARCHAR (120)	Contains a descriptive name for the analytical model. It is used for display in the UI.	Not Null	No
MODEL_SOURCE_CD	VARCHAR (3)	Indicates whether model was developed by using the solution Web interface or by using the SAS Enterprise Miner client. The possible values are code that indicates the solution name and 'EMN'	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
OFFSET_RT	NUMERIC (10,4)	Converts the probability value generated by the analytical model into the corresponding score or vice versa. This column works in association with the FACTOR_RT column.	Null	No
OUTCOME_PERIOD_CNT	NUMERIC (4)	Converts the duration of the target period with reference to the TARGET_PERIOD_TIME_FREQ_SK. The analytical model is developed to predict the probability of an event within a specified period such as 3 Month, 6 Week, and so on. This period is called the target period.	Null	No
OUTCOME_PERIOD_TIME_FREQ_SK	NUMERIC (8)	Contains the foreign key to indicate the unit of measure for a target period time count, such as Day, Week, and Month.	Null	No
PROJECT_DESC	VARCHAR (600)	Contains the description of the project from which this model was submitted for scoring.	Null	No
PROJECT_KEY	NUMERIC (8)	Contains the unique identifier (_SK) of the project from which this model was submitted for scoring.	Not Null	No
PROJECT_SHORT_NM	VARCHAR (120)	Contains the short display name of the project from which this model was submitted for scoring.	Not Null	No
PURPOSE_SK	NUMERIC (8)	Contains the foreign key of Purpose Master to indicate the purpose of the project from which this model was submitted for scoring.	Not Null	No
SCORING_MODEL_ID	VARCHAR (30)	Contains the unique identifier for the scoring model.	Not Null	No
SCORING_MODEL_SK	NUMERIC (8)	Contains the surrogate key for the scoring model.	Not Null	Yes
SCORING_TEMPLATE_SK	NUMERIC (8)	Contains the surrogate key for the Scoring ABT Job Template.	Null	No
SOURCE_DATA_TIME_GRAIN_SK	NUMERIC (8)	Contains the surrogate key for Time Frequency Master. This column is used for defining and calculating variables.	Not Null	No
SUBJECT_GROUP_SK	NUMERIC (8)	Contains the surrogate key for the subject group.	Not Null	No
SUBSET_QUERY_SK	NUMERIC (8)	Contains the foreign key of the subset query.	Null	No

Table 5.48 SCORING_MODEL_RULE_DTLS Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	NUMERIC(8)	Contains the date and time when the record was created.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	Not Null	No
RULE_TEXT	VARCHAR(400)	Contains the actual rule that shows the relationship between analysis unit and association unit. This column is populated with based on the rules data set that SAS Enterprise Miner generates.	Not Null	No
RULE_UNIT_TYPE_CD	VARCHAR(3)	Contains the code for the unit type such as RHS or LHS, for which the rule are detailed.	Not Null	Yes
SCORING_MODEL_SK	NUMERIC(8)	Contains the surrogate key for the published analytical model.	Not Null	Yes
SCORING_RULE_SK	NUMERIC(8)	Contains the surrogate key for rule in the published analytical model.	Not Null	Yes
UNIT_ID	VARCHAR(32)	Contains the unit ID corresponding to the type of unit. For example, if entity level of the scoring rule model is service, and the rule is 'SERVICE_1 --> SERVICE --8', then there will be two entries for unit ID. The first with LHS as RULE_UNIT_TYPE_CD and UNIT_ID as 'SERVICE_1' and the second with RULE_UNIT_TYPE_CD as 'RHS' and UNIT_ID as 'SERVICE_8' respectively. This column is populated as a part of the post-processing of the rules data set that SAS Enterprise Miner generates when the model is published.	Not Null	Yes

Table 5.49 SCORING_MODEL_RULE_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
ANALYSIS_UNIT	VARCHAR(200)	Contains the unit that appears on the left hand of the rule. This column is populated with based on the rules data set that SAS Enterprise Miner generates.	Not Null	No
ANALYSIS_UNIT_FREQ	NUMERIC(8)	Contains the number of records that satisfies the left hand of the rule. This column is not currently populated and is to be used for future enhancement.	Null	No
ANALYSIS_UNIT_SIZE	NUMERIC(8)	Contains the size of left hand of the rule. This column is populated based on the rules data set that SAS Enterprise Miner generates.	Null	No
ASSOC_ANALYSIS_UNIT	VARCHAR(200)	Contains the unit that appears on the right hand of the rule. This column is populated based on the rules that SAS Enterprise Miner generates	Not Null	No
ASSOC_ANALYSIS_UNIT_FREQ	NUMERIC(8)	Contains the number of records that satisfy the right hand of the rule. This column is not currently populated and will be used for future enhancement.	Null	No
ASSOC_ANALYSIS_UNIT_SIZE	NUMERIC(8)	Indicates the size of right hand of the rule. This column is populated based on the rules data set that SAS Enterprise Miner generates.	Null	No
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	NUMERIC(8)	Contains the date and time when the record was created.	Not Null	No
FREQ_TO_COOCCUR	NUMERIC(8)	Contains the number of records for which left hand and right hand of the rule is satisfied. This column is not currently populated and will be used for future enhancements.	Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	NUMERIC(8)	Contains the last date and time that a record was processed.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
RULE_CONFIDENCE	NUMERIC(8)	Contains the percentage confidence of the rule. This column is populated based on the rules data set that SAS Enterprise Miner generates.	Null	No
RULE_LIFT	NUMERIC(8)	Contains the percentage lift for the rule. This column is populated based on the rules data set that SAS Enterprise Miner generates.	Null	No
RULE_SUPPORT	NUMERIC(8)	Contains the percentage support for the rule. This column is populated based on the rules data set that SAS Enterprise Miner generates.	Null	No
RULE_TEXT	VARCHAR(400)	Contains the actual rule that shows relationship between analysis unit and association unit. This column is populated based on the rules data set SAS Enterprise Miner generates.	Not Null	No
SCORING_MODEL_SK	NUMERIC(8)	Contains the surrogate key for the published analytical model.	Not Null	Yes
SCORING_RULE_SK	NUMERIC(8)	Contains the surrogate key for rule in the published analytical model.	Not Null	Yes
TOT_BASKET_SIZE	NUMERIC(8)	Contains the total population that is analyzed. This column is populated based on the rules data set that SAS Enterprise Miner generates.	Null	No

Table 5.50 SCORING_MODEL_SEGMENT_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
SCORING_MODEL_SEGMENT_SK	NUMERIC(8)	Contains the surrogate key for the Scoring Model segment.	Not Null	Yes
SCORING_MODEL_SK	NUMERIC(8)	Contains the surrogate key for the scoring model.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
SEGMENT_DESC	VARCHAR(600)	Contains the segment description. You can edit this value.	Null	No
SEGMENT_NM	VARCHAR(32)	Contains the segment name that is assigned by the SAS Enterprise Miner model, such as 1, 2, and 3. You must not edit this value.	Not Null	No
SEGMENT_SHORT_NM	VARCHAR(120)	Contains the short name of the segment. You can edit this value.	Not Null	No

Table 5.51 SCORING_TEMPLATE_DETAIL Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
SCORING_ABT_TABLE_NM	VARCHAR(30)	Contains the physical name of the scoring ABT table. The name should be unique across all scoring models.	Not Null	No
SCORING_TEMPLATE_DESC	VARCHAR(600)	Contains the description of the Modeling ABT.	Null	No
SCORING_TEMPLATE_ID	VARCHAR(30)	Contains the unique identifier of the scoring template.	Not Null	No
SCORING_TEMPLATE_SHORT_NM	VARCHAR(120)	Contains the short name of the Modeling ABT. These values are used for display in the UI.	Not Null	No
SCORING_TEMPLATE_SK	NUMERIC(8)	Contains the surrogate key for the scoring ABT job template.	Not Null	Yes

Table 5.52 SCR_MODEL_X_ACT_OUTCOME_VAR Table

Column Name	Data Type	Description	Null Option	Is PK
CORRESPONDING_ACT_RESULT_COLUMN_NM	VARCHAR(30)	Contains variables that need to be tracked or stored under actual result-related table. Typically, only the variable, which is directly marked as an outcome variable is stored in the actual result-related table. However in some scenarios, you might need to track or store actual values of expression variables, which were not directly marked as outcome variables.	Null	No
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
IMPLICIT_VARIABLE_FLG	CHARACTER (1)	Contains implicit VAR (Variables copied from IMPLICIT_VAR_SPECIFICATION_DTL) that have the value as Y. Its expression Variables will have Y. There might be a few IMPL variables that are 'MDL Actual Outcome Var' too. In that case, both MDL_ACTUAL_OUTCOME_VARIABLE_FLG and IMPLICIT_VARIABLE_FLG will be Y.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
MDL_ACTUAL_OUTCOME_VARIABLE_FLG	CHARACTER (1)	Contains 'Y' and indicates if the variable is identified as outcome variable in the modeling ABT when the model was registered. Other variables, including its expression variables and implicit variables and its expression variable will contain 'N'.	Not Null	No
OUTCOME_VARIABLE_FLG	CHARACTER (1)	Contains value of the PART_OF_ACTUAL_AB_T_FLG column.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
PART_OF_ACTUAL_AB_T_FLG	CHARACTER (1)	Contains (Actual Implicit Variable) Union (MDL Actual Outcome Variable) that has value as Y. Others have the value as N. 'Y' value indicates that the variables are present in the final Actual Run ABT. Typically all 'MDL Actual Outcome Var' and Implicit variables will have 'Y' values in this column. Other variables that are used in the expression of 'MDL Actual Outcome Var' or Implicit variables of derived type will have value 'N'.	Not Null	No
SCORING_MODEL_SK	NUMERIC(8)	Contains the surrogate key for the scoring model.	Not Null	Yes
VARIABLE_COLUMN_NM	VARCHAR(30)	Contains the value as of the corresponding column in Variable Master. Value in both these columns should be the same. This column has the same significance as that of the column in Variable Master while building scoring ABT or calculating actual result value. It is duplicated in this table of Analytical Result Area (ARA) to avoid referring to any non-ARA table during scoring or actual result data processing.	Not Null	No
VARIABLE_DESC	VARCHAR(60)	Contains the description of the ABT variable that available when the model is registered. One record in Variable Master can be linked to one or more ABTs. In each ABT, it can have a different description.	Null	No
VARIABLE_SHORT_NM	VARCHAR(12)	Contains the short name of the ABT variable that is available when the model is registered. These values are used for display in the UI. It is also used as a column label for ABT variables. One record in the Variable Master can be linked to one or more ABTs. In each ABT,	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
		it can have different display name.		
VARIABLE_SK	NUMERIC(8)	Contains the surrogate key of the ABT variables.	Not Null	Yes

Table 5.53 SCR_MODEL_X_SCR_INPUT_VARIABLE Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
IMPLICIT_VARIABLE_FLG	CHARACTER(1)	Contains implicit variables that is, variables that are copied from IMPLICIT_VAR_SPECIFICATION_DTL. The value of these variables is Y. Even its expression variables will be Y. There might be a few IMPL variables, which are also significant. In that case, both SIGNIFICANT_VARIABLE_FLG and IMPLICIT_VARIABLE_FLG will be Y.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
PART_OF_SCORING_ABT_FLG	CHARACTER(1)	Contains (Implicit Variable) union (Significant Variable) with value as Y. Other variables contain N as they are not expected in the final SCR ABT. The Y value indicates that the variables, will be present in final scoring ABT. Typically, all significant and implicit variables have 'Y' values in this column while other variables used in expression of significant or implicit variables of derived type will have 'N'.	Not Null	No
SCORING_MODEL_SK	NUMERIC(8)	Contains the foreign key of the scoring model.	Not Null	Yes
SIGNIFICANT_VARIABLE_FLG	CHARACTER(1)	Contains sign variable (Variables copied from	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
		MODEL_X_SIGNIFICANT_VARIABLE) with value as Y. Other variables will have N.		
VARIABLE_COLUMN_NM	VARCHAR(30)	Contains value of the corresponding column in Variable Master. Value in both these columns should be the same. This column has the same significance as that of the column in Variable Master while building scoring ABT or calculating actual result value. It is duplicated in this table of Analytical Result Area (ARA) to avoid referring to any non-ARA table during scoring or actual result data processing.	Not Null	No
VARIABLE_DESC	VARCHAR(600)	Contains the description of the ABT variable that is available when the model is registered. A record in Variable Master can be linked to one or more ABTs. In each ABT, it can have a different description.	Null	No
VARIABLE_SHORT_NM	VARCHAR(120)	Contains the short name of the ABT that is available when the model is registered. These values are used for display in UI. It is also used as column label for ABT variables. A record in Variable Master can be linked to one or more ABTs. In each ABT, it can have different display name.	Not Null	No
VARIABLE_SK	NUMERIC(8)	Contains the foreign key of the ABT variables.	Not Null	Yes

Table 5.54 SEQ_CTRL_LOOP_SESSION_PREFIX Table

Column Name	Data Type	Description	Null Option	Is PK
ENTITY_SK	NUMERIC(8)	Contains the surrogate key for Entity.	Not Null	Yes
LATEST_ASSIGNED_SEQUENCE_VALUE	NUMERIC(8)	Contains the latest assigned sequence value.	Not Null	No
NEW_SK_RANGE_FROM	NUMERIC(8)	Contains the key of the starting value of the range.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
NEW_SK_RANGE_TO	NUMERIC(8)	Contains the key of the ending value of the range.	Not Null	No

Table 5.55 SOURCE_COLUMN_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
COLUMN_DATA_TYPE_SK	NUMERIC(8)	Contains the foreign key for the column data type.	Not Null	No
COLUMN_TYPE_SK	NUMERIC(8)	Contains the foreign key for column type.	Null	No
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
SOURCE_COLUMN_CD	VARCHAR(20)	Contains the code value of each column in a source table. These are used to create a variable name by concatenation of this value and some codes of some other entities. These should be assigned meaningful and smaller codes, such as CNT for Call Count and, OUT for Outbound Calls. They will result in variable names such as LAST_OUT_CNT for variable named Last Outbound Calls Count. The column length is 20. However, for columns of tables, which are used for behavioral and time-based variables; the length of the code should be less than 6. So that column name formed for BEH/RNT variables by concatenation of various codes is less than 28. But, for columns of tables that are used only for direct variables, this column code length can exceed up to 20 as column name of direct variables is formed by	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
		concatenation of only table, level, and column code, which together should be less than 28. Column Code is not required for columns of table, which are used only for Subset Query.		
SOURCE_COLUMN_DESC	VARCHAR(600)	Contains the description of dimensional attributes.	Null	No
SOURCE_COLUMN_NM	VARCHAR(32)	Contains the column name according to Physical Source table, such as CUSTOMER_STATUS_CD.	Not Null	No
SOURCE_COLUMN_SHORT_NM	VARCHAR(120)	Contains the short name of the source column. These values are used for display in the UI.	Not Null	No
SOURCE_COLUMN_SK	NUMERIC(8)	Contains the surrogate key for the Source column.	Not Null	Yes
SOURCE_TABLE_SK	NUMERIC(8)	Contains the foreign key for the Source table.	Not Null	No

Table 5.56 SOURCE_COLUMN_X_USAGE Table

Column Name	Data Type	Description	Null Option	Is PK
COLUMN_USAGE_SK	NUMERIC(8)	Contains the foreign key for column usage.	Not Null	Yes
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
SOURCE_COLUMN_SK	NUMERIC(8)	Contains the foreign key for the source column.	Not Null	Yes

Table 5.57 SOURCE_DIM_ATTRIB_VALUE_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
DIM_ATTRIBUTE_VALUE	VARCHAR(200)	Stores possible value in the dimensional attribute column of the source table. These values are used for comparing WHERE or IF clause while aggregating scores. Therefore,	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
		they have to be same as the values that are contained in the source tables. For example, 'BRN', 'ATM', 'PHONE' for CHANNEL_CD Attribute. Values should be mentioned in single quotation marks. It can contain multiple values separated with a comma (,) in case we need to consider multiple values to indicate one particular filter of a variable. It can also contain macro variables. However, the values of the macro variables should be available in the SAS session when the ABT data is being processed.		
DIM_ATTRIBUTE_VALUE_CD	VARCHAR(3)	Contains the code value for dimensional attribute values. These values are used to create variable name by concatenation of this value and some codes of some other entities. These codes should be meaningful and should have shorter length such as INN for Internet Channel, BPY for Bill Payment Type of the Transactions. They will result in variable name such as BPY_INN_TOT_TR_AMT_LST_1M (that is, Total Transaction Amount of Bill Payment done through Internet channel in last one Month. Dimensional attribute value code is required only for column of table that is used in behavioral and time-based Based reports. These are not required for column of table that is used for direct variables or subset query.	Not Null	No
DIM_ATTRIBUTE_VALUE_DESC	VARCHAR(600)	Contains the description of the dimensional attribute value.	Null	No

Column Name	Data Type	Description	Null Option	Is PK
DIM_ATTRIBUTE_VALUE_SHORT_NM	VARCHAR(120)	Contains the short name of the dimensional attribute value such as Bill Payment and Internet. These values are used for display in the UI.	Not Null	No
DIM_ATTRIBUTE_VALUE_SK	NUMERIC(8)	Contains the surrogate key for the dimensional attribute value.	Not Null	Yes
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
SOURCE_COLUMN_SK	NUMERIC(8)	Contains the foreign key to the Source Dimensional attribute.	Not Null	No

Table 5.58 SOURCE_TABLE_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
LIBRARY_SK	NUMERIC(8)	Contains the foreign key to the library of the source table.	Not Null	No
SOURCE_TABLE_CD	VARCHAR(3)	Contains the unique code value of the source table. This value used for creating variable names by concatenation of these values and some codes of other entities. The code values should be meaningful and small in length. For example, you can use the TR value for Transaction Table, INQ value for INQUIRY Table. The result variable name is TOT_TR_AMT_LST_1M, AVG_BAL_AMT_LST_3M.	Not Null	No
SOURCE_TABLE_DESC	VARCHAR(600)	Contains the description of the source table.	Null	No
SOURCE_TABLE_NM	VARCHAR(32)	Contains the table name of the physical source table.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
SOURCE_TABLE_SHORT_NM	VARCHAR(120)	Contains the short name of the source table. These values are used for display in the UI.	Not Null	No
SOURCE_TABLE_SK	NUMERIC(8)	Contains the surrogate key for the Source Table.	Not Null	Yes

Table 5.59 SOURCE_TABLE_X_LEVEL Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
LEVEL_SK	NUMERIC(8)	Contains the foreign key to Level Master.	Not Null	Yes
SOURCE_TABLE_SK	NUMERIC(8)	Contains the foreign key to Source Table Master.	Not Null	Yes

Table 5.60 SOURCE_TABLE_X_TIME_FREQUENCY Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
SOURCE_TABLE_SK	NUMERIC(8)	Contains the surrogate key for the Source Table.	Not Null	Yes
TIME_FREQUENCY_SK	NUMERIC(8)	Contains the surrogate key for Time Frequency Master.	Not Null	Yes

Table 5.61 SOURCE_TABLE_X_USAGE Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
SOURCE_TABLE_SK	NUMERIC(8)	Contains the foreign key for the Source Table.	Not Null	Yes
TABLE_USAGE_SK	NUMERIC(8)	Contains the foreign key to the table usage.	Not Null	Yes

Table 5.62 SOURCE_TIME_PERIOD Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
TIME_FREQUENCY_SK	NUMERIC(8)	Contains the foreign key of time frequency that indicates the time period such as Monthly, or Daily. You can have one or more time periods based on the same time frequency. For example, you can define Last 1 Month, Last 13 to 24 Months, and 2 Months Back for the monthly time frequency.	Not Null	No
TIME_PERIOD_CD	VARCHAR(6)	Contains the code value of each time period. These are used to create variable name by concatenation of these values and some codes of other entities. The code values should be meaningful and small in length. For example, you can use the LST_1M value for Last 1 Month Amount or 13_24M value for last 13 to 24 Months. The result variable name is TOT_TR_AMT_LST_1M, AVG_BAL_AMT_13_24M.	Not Null	No
TIME_PERIOD_DESC	VARCHAR(600)	Contains the description of time period.	Null	No
TIME_PERIOD_FROM	NUMERIC(4)	Defines the time period for which historical data will be aggregated.	Not Null	No
TIME_PERIOD_SHORT_NM	VARCHAR(120)	Contains the short name of the time period, such as Last 1 Month, and Last 13 to 24 Month. These values are used for display in the UI.	Not Null	No
TIME_PERIOD_SK	NUMERIC(8)	Contains the surrogate key for the time period.	Not Null	Yes
TIME_PERIOD_TO	NUMERIC(4)	Defines the time period for which historical data will be aggregated.	Not Null	No

Table 5.63 STATUS_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
STATUS_CD	VARCHAR(12)	Contains the unique code value of each status. These values are prepackaged with solution and are also used in the internal logic. Therefore, you should not edit these values.	Not Null	No
STATUS_DESC	VARCHAR(600)	Contains the description of the status	Null	No
STATUS_SHORT_NM	VARCHAR(120)	Contains the short name of the status. These values are used for display in the UI.	Not Null	No
STATUS_SK	NUMERIC(8)	Contains the surrogate key of Status Master.	Not Null	Yes

Table 5.64 SUBJECT_GROUP_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
SUBJECT_GROUP_CD	VARCHAR(8)	Contains the unique code value of each subject group. In case of pre-packaged subject groups, these values are prepackaged with solution and are also used in the internal logic. Therefore, you should not edit these values.	Not Null	No
SUBJECT_GROUP_DESC	VARCHAR(600)	Contains the short name of the subject group.	Null	No
SUBJECT_GROUP_SHORT_NM	VARCHAR(120)	Contains the short name of the subject group. These values are used for display in the UI.	Not Null	No
SUBJECT_GROUP_SK	NUMERIC(8)	Contains the surrogate key for the subject group.	Not Null	Yes
SUBSET_QUERY_SK	NUMERIC(8)	Contains the surrogate key of the subset query, which defines the population that satisfies the subject group criterion.	Not Null	No

Table 5.65 SUBJECT_GROUP_SPCFCN_DTL Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
LEVEL_SK	NUMERIC(8)	Contains the surrogate key for Level Master.	Not Null	Yes
PURPOSE_SK	NUMERIC(8)	Contains the surrogate key of the table usage.	Not Null	Yes
SUBJECT_GROUP_SK	NUMERIC(8)	Contains the applicable subject group for a specified purpose and level.	Not Null	Yes

Table 5.66 SUBSET_FILTER_NODE Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
FILTER_NODE_CNT	NUMERIC(8)	Contains the subject count at this node.	Null	No
FILTER_NODE_DESC	VARCHAR(600)	Contains the filter node description.	Null	No
FILTER_NODE_PCT_PARENT	NUMERIC(4,2)	Contains the subject count percentage at this node with respect to the parent node.	Null	No
FILTER_NODE_PCT_ROOT	NUMERIC(4,2)	Contains the subject count percentage at this node with respect to the root node.	Null	No
FILTER_NODE_SHORT_NM	VARCHAR(120)	Contains the short name of the filter node.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
LEAF_FILTER_NODE_FLG	CHARACTER(1)	Contains the leaf filter node flag.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
PARENT_SUBSET_FILTER_NODE_SK	NUMERIC(8)	Contains the surrogate key for the parent subset filter node.	Null	No
ROOT_FILTER_NODE_FLG	CHARACTER(1)	Contains the root filter node flag.	Not Null	No
SUBSET_FILTER_NODE_SK	NUMERIC(8)	Contains the surrogate key for the subset filter node.	Not Null	Yes
SUBSET_QUERY_SK	NUMERIC(8)	Contains the surrogate key of the subset query.	Not Null	Yes

Table 5.67 SUBSET_FILTER_NODE_EXPRESSION Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
FILTER_NODE_EXPRSSN_SQNC_NUM	NUMERIC(2)	Contains the subset query expression, which can be a sequence of WHERE conditions. These conditions are joined in a particular sequence to form a complete WHERE expression for subset queries.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
MULTI_CONDTN_BOOLEAN_OPRTR_VAL	VARCHAR(3)	Defines the string to join multiple WHERE conditions with either AND or OR operators.	Null	No

Column Name	Data Type	Description	Null Option	Is PK
OPERAND_SOURCE_COLUMN_SK	NUMERIC(8)	Contains the foreign key to the source column that is used as an operand. This column is operated during the WHERE condition. It can be any one column of the source table on path of the WHERE condition.	Not Null	No
OPERATOR_SK	NUMERIC(8)	Contains the foreign key of the supported operators.	Not Null	No
SUBSET_FILTER_NODE_EXPRSSN_SK	NUMERIC(8)	Contains the surrogate key for the WHERE condition.	Not Null	Yes
SUBSET_FILTER_NODE_SK	NUMERIC(8)	Contains the surrogate key for the subset filter node.	Not Null	Yes
SUBSET_QUERY_SK	NUMERIC(8)	Contains the surrogate key of the subset query.	Not Null	Yes
USER_ENTERED_VALUE_FLG	CHARACTER(1)	Indicates whether the expression is entered by the user.	Not Null	No
USER_ENTERED_VALUE_TXT	VARCHAR(400)	Specifies the value that the selected observations must satisfy. It is used as it is for WHERE clause expression. Therefore, it should be in the correct syntax according to the operator that is used for the WHERE condition. For example, 'New York' ('New York', 'Florida'), 25, 40, 25, and 40 and so on.	Null	No

Table 5.68 SUBSET_FROM_PATH_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
FROM_PATH_DESC	VARCHAR(600)	Contains the description of the relationship path among all tables that are involved in the relationship path.	Null	No
FROM_PATH_SHORT_NM	VARCHAR(120)	Contains the short name of the subset query, such as All Customer with Active Status. These values are used for display in UI.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
SUBSET_FROM_PATH_SK	NUMERIC(8)	Contains the surrogate key for the Subset From Path.	Not Null	Yes

Table 5.69 SUBSET_FROM_PATH_X_LEVEL Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
LEVEL_SK	NUMERIC(8)	Contains the foreign key for Level Master.	Not Null	Yes
SELECT_SOURCE_COLUMN_SK	NUMERIC(8)	Indicates the subject keys that are created in the subset output table. These keys are used to apply a filter against source data tables to subset them. This column is used to create the SELECT clause of the SQL subset query. This column contains the unique identifier corresponding to the level of project that is mentioned in the corresponding PROJECT_MASTER.LEVEL_SK column. In case, we need subset criteria for more than one subject of analysis, then one row for each column should be added to this table.	Not Null	Yes
SUBSET_FROM_PATH_SK	NUMERIC(8)	Contains the foreign key of the Subset From Path Master,	Not Null	Yes

Table 5.70 SUBSET_QUERY_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
PUBLISH_TEMPLATE_FLG	CHARACTER(1)	Indicates the default value as 'N'. The possible values are N or Y. N indicates that this subset query cannot be imported into another project by any other user. Y indicates this subset query is published by some user. It also indicates this subset query is provided as a pre-packaged template along with the solution. It can be imported into another project by any other user.	Not Null	No
SUBSET_FROM_PATH_SK	NUMERIC(8)	Contains the foreign key to the FROM part of the subset query. It will be used to create the FROM expression of the subset query.	Not Null	No
SUBSET_QUERY_CNT	NUMERIC(10)	Contains the number of subjects of analysis that satisfy the subset query.	Null	No
SUBSET_QUERY_DESC	VARCHAR(600)	Contains the description of the subset query.	Null	No
SUBSET_QUERY_PCT_ROOT	NUMERIC(4,2)	Contains the percentage count of subjects of analysis that satisfy the subset query for the overall root level counts.	Null	No
SUBSET_QUERY_SHORT_NM	VARCHAR(120)	Contains the short name of the subset query. These values are used for display in the UI.	Not Null	No
SUBSET_QUERY_SK	NUMERIC(8)	Contains the surrogate key of the subset query.	Not Null	Yes

Table 5.71 SUBSET_TABLE_JOIN_CONDITION Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
JOIN_CONDITION_SEQUENCE_NUMBER	NUMERIC(2)	Defines the order of joining conditions within a path. A path can be formed by joining two or more tables. In this case, it is important to have a proper order for creating a FROM clause from multiple joining conditions. Also, it is important to have proper mention of the left and the right table. The right table of one joining condition should be the left table of the next joining condition.	Not Null	No
JOIN_TYPE	VARCHAR(8)	Contains values such as INNER, LEFT, RIGHT, OUTER, and NONE. The NONE value is used for a path with a single table.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
LEFT_COLUMN_SK	NUMERIC(8)	Contains the foreign key for the left-side table column in a joining condition.	Null	No
LEFT_TABLE_SK	NUMERIC(8)	Contains the foreign key for the left-side source table in a joining condition	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
RIGHT_COLUMN_SK	NUMERIC(8)	Contains the foreign key for the right-side table column in a joining condition. It will be null value for a path with a single table.	Null	No
RIGHT_TABLE_SK	NUMERIC(8)	Contains the foreign key for the right-side source table in a joining condition. It will be a null value for a path with a single table.	Null	No
SUBSET_FROM_PATH_SK	NUMERIC(8)	Contains the foreign key to the Subset From path, which is defined by this table joining condition.	Not Null	No
SUBSET_TABLE_JOIN_CONDITION_SK	NUMERIC(8)	Contains the surrogate key to the table joining condition.	Not Null	Yes

Table 5.72 SUPPLEMENTARY_VARIABLE Table

Column Name	Data Type	Description	Null Option	Is PK
SELECT_SOURCE_COLUMN_SK	NUMERIC(8)	Contains the foreign key for the Source Column Master. This indicates the column that is selected from the source table and shown in the ABT table.	Not Null	No
VARIABLE_SK	NUMERIC(8)	Contains the foreign key of ABT variables.	Not Null	Yes

Table 5.73 SYSTEM_GEN_VARIABLE_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
APPLICABLE_FOR_PROCESS_TYPE_CD	VARCHAR(3)	Indicates the process for which a certain parameter is applicable, such as derived variable and subset. These values are prepackaged with the solution and are also used in the internal logic. Therefore, you should not edit these values.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
COLUMN_DATA_TYPE_SK	NUMERIC(8)	Contains the surrogate key for the column data type.	Not Null	No
SYSTEM_GEN_VARIABLE_SK	NUMERIC(8)	Contains the surrogate key of the system-generated variable.	Not Null	Yes
VARIABLE_CD	VARCHAR(20)	Contains the unique code value of each system-generated variable, which is currently supported. These values are prepackaged with the solution and are also used in the internal logic. Therefore, you should not edit these values.	Not Null	No
VARIABLE_DESC	VARCHAR(600)	Contains the system-generated variable description.	Null	No
VARIABLE_PARAMETER_NM	VARCHAR(40)	Contains the name of the parameter that will be used in the corresponding expression. These values are prepackaged with the solution and are also used in the internal logic. Therefore, you should not edit these values.	Not Null	No
VARIABLE_SHORT_NM	VARCHAR(120)	Contains the short name of the system-generated variable. These values are used for display in the UI of the subset and derived variable name.	Not Null	No

Table 5.74 TABLE_USAGE_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
TABLE_USAGE_CD	VARCHAR(3)	Contains the unique code value given to each table usage. These values are prepackaged along with solution and are also used in the internal logic. Therefore, you should not edit these values.	Not Null	No
TABLE_USAGE_DESC	VARCHAR(600)	Contains the description of the table usage.	Null	No

Column Name	Data Type	Description	Null Option	Is PK
TABLE_USAGE_SHORT_NM	VARCHAR(120)	Contains the short name of the table usage. These values are used for display in the UI.	Not Null	No
TABLE_USAGE_SK	NUMERIC(8)	Contains the surrogate key of the table usage.	Not Null	Yes

Table 5.75 TIME_FREQUENCY_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
INTERVAL_EXPRESSION	VARCHAR(20)	Contains values that are pre-packaged with the solution and are also used in internal logic. Therefore, you should not edit these values.	Not Null	No
TIME_FREQUENCY_CD	VARCHAR(8)	Contains the unique code value of each time frequency that is currently supported. These values are prepackaged along with solution and are also used in the internal logic. Therefore, you should not edit these values.	Not Null	No
TIME_FREQUENCY_DESC	VARCHAR(600)	Contains the description of time frequency such as Day, Week, and Month.	Null	No
TIME_FREQUENCY_SHORT_NM	VARCHAR(120)	Contains the short name of time frequency. These values are displayed in the UI.	Not Null	No
TIME_FREQUENCY_SK	NUMERIC(8)	Contains the surrogate key for the Time Frequency Master.	Not Null	Yes

Table 5.76 VARIABLE_DIM_ATTRIBUTE_FILTER Table

Column Name	Data Type	Description	Null Option	Is PK
DIM_ATTRIBUTE_VALUE_SK	NUMERIC(8)	Contains the foreign key of the Dimensional Attribute value used for a variable.	Not Null	Yes
VARIABLE_SK	NUMERIC(8)	Contains the foreign key of the Variable Master.	Not Null	Yes

Table 5.77 VARIABLE_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
COLUMN_DATA_TYPE_SK	NUMERIC(8)	Contains the foreign key for Variable Column Data Type such as Numeric, Char, and Date. This column is used to validate the expressions of derived variables.	Not Null	No
CREATED_BY_USER	VARCHAR(32)	Contains the ID of the user who created the record.	Not Null	No
CREATED_DTTM	DATE	Contains the date and time when the record was created.	Not Null	No
LAST_PROCESSED_BY_USER	VARCHAR(32)	Contains the ID of the user who processed the record last time.	Not Null	No
LAST_PROCESSED_DTTM	DATE	Contains the last date and time that a record was processed.	Not Null	No
LEVEL_SK	NUMERIC(8)	Supports external customization.	Null	No
SOURCE_TABLE_SK	NUMERIC(8)	Contains the foreign key of the source table from which this variable is derived.	Null	No
VARIABLE_COLUMN_NM	VARCHAR(30)	Contains the exact name of the column of the ABT table, which contains the value for this variable.	Not Null	No
VARIABLE_DEFINITION_STRING	VARCHAR(600)	Contains variables definitions in the form of concatenation of _SK columns of attributes, which defines that variable. This column is used for internal processing. It is used internally to check duplicate variable definitions. It contains concatenation of variable _SK columns such as SOURCE_TABLE_SK, MEASURE_SOURCE_COLUMN_SK, AGGREGATION_TYPE_SK, TIME_PERIOD_SK, Combined DIM_ATTRIBUTE_VALUE_SK String, SELECT_SOURCE_COLUMN_SK, and ORDER_BY_DATE_SOURCE_COLUMN_SK. This column is populated when a variable is created.	Null	No
VARIABLE_SK	NUMERIC(8)	Contains the surrogate key of ABT Variables.	Not Null	Yes
VARIABLE_TYPE_SK	NUMERIC(8)	Contains the foreign key for variable type such as behavioral, recent, supplementary, and derived.	Not Null	No

Table 5.78 VARIABLE_TYPE_MASTER Table

Column Name	Data Type	Description	Null Option	Is PK
VARIABLE_TYPE_CD	VARCHAR(3)	Contains code values that indicate each of the variable type such as Behavioral (BEH), Recent (RNT), Supplementary (SPM), and Derived (DER). These values are used in internal the logic. Therefore, you should not replace these values with other values.	Not Null	No
VARIABLE_TYPE_DESC	VARCHAR(600)	Contains the description of the variable type.	Null	No
VARIABLE_TYPE_SHORT_NM	VARCHAR(120)	Contains the short name of the variable type. These values are used for display in the UI.	Not Null	No
VARIABLE_TYPE_SK	NUMERIC(8)	Contains the surrogate key for the variable type	Not Null	Yes

Solution-Specific Tables

Here is an alphabetic list of the column descriptions of the solution-specific tables.

Table 5.79 PREDICTED_SCORING_RESULT_CUST Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_DTTM	NUMERIC(8)	Contains the date and time of when the record was created.	Not Null	No
CUST_ID	VARCHAR(32)	Contains the unique identifier of the customer.	Not Null	No
PREDICTED_OUTCOME	NUMERIC(8)	Contains the cross-sell, up-sell, or churn score of the customer. For survival models, this column will be populated with the expected tenure of the customer.	Null	No
PREDICTED_OUTCOME_VALUE_1	NUMERIC(8)	Contains the values for additional analytical outputs that are different from the outcome probabilities.	Null	No
PREDICTED_OUTCOME_VALUE_2	NUMERIC(8)	Contains the values for additional analytical outputs that are different from the outcome probabilities.	Null	No
PREDICTED_OUTCOME_VALUE_3	NUMERIC(8)	Contains the values for additional analytical outputs that are different from the outcome probabilities.	Null	No

Column Name	Data Type	Description	Null Option	Is PK
SCORING_AS_OF_DTTM	NUMERIC(8)	Contains the date and time for scoring.	Not Null	No
SCORING_MODEL_SK	NUMERIC(8)	Contains the surrogate key for the corresponding scoring model.	Not Null	No

Table 5.80 PREDICTED_SCORING_RESULT_PRS Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_DTTM	NUMERIC(8)	Contains the date and time of creation of the record.	Not Null	No
PREDICTED_OUTCOME	NUMERIC(8)	Contains the acquisition score for the prospective customer.	Null	No
PREDICTED_OUTCOME_VALUE_1	NUMERIC(8)	Contains the values for additional analytical outputs that are different from the outcome probabilities.	Null	No
PREDICTED_OUTCOME_VALUE_2	NUMERIC(8)	Contains the values for additional analytical outputs that are different from the outcome probabilities.	Null	No
PREDICTED_OUTCOME_VALUE_3	NUMERIC(8)	Contains the values for additional analytical outputs that are different from the outcome probabilities.	Null	No
PRSPCT_CUST_ID	VARCHAR(32)	Contains the unique identifier of the prospective customer.	Not Null	No
SCORING_AS_OF_DTTM	NUMERIC(8)	Contains the date and time for scoring.	Not Null	No
SCORING_MODEL_SK	NUMERIC(8)	Contains the surrogate key for the corresponding scoring model.	Not Null	No

Table 5.81 PREDICTED_SCORING_RESULT_SUB Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_DTTM	NUMERIC(8)	Contains the date and time of when the record was created.	Not Null	No
PREDICTED_OUTCOME	NUMERIC(8)	Contains the cross-sell, up-sell, or churn score for a subscription.	Null	No

Column Name	Data Type	Description	Null Option	Is PK
PREDICTED_OUTCOME_VALUE_1	NUMERIC(8)	Contains the values for additional analytical outputs that are different from the outcome probabilities. For example, for cross-sell or up-sell or churn models that are built at subscription level, this column stores the name of the variable. The scored are aggregated from the subscription to customer level based on this variable.	Null	No
PREDICTED_OUTCOME_VALUE_2	NUMERIC(8)	Contains the values for additional analytical outputs that are different from the outcome probabilities.	Null	No
PREDICTED_OUTCOME_VALUE_3	NUMERIC(8)	Contains the values for additional analytical outputs that are different from the outcome probabilities.	Null	No
SCORING_AS_OF_DTTM	NUMERIC(8)	Contains the date and time for scoring.	Not Null	No
SCORING_MODEL_SK	NUMERIC(8)	Contains the surrogate key of the corresponding scoring model.	Not Null	No
SUBSCRIP_ID	VARCHAR(32)	Contains the unique identifier for a subscription.	Not Null	No

Table 5.82 RULES_SCORING_RESULT_CUST Table

Column Name	Data Type	Description	Null Option	Is PK
CREATED_DTTM	NUMERIC(8)	Contains the date and time when the record was created.	Not Null	No
CUST_ID	VARCHAR(32)	Contains the unique identifier for the customer.	Not Null	No
SCORING_AS_OF_DTTM	NUMERIC(8)	Contains the date and time for scoring.	Not Null	No
SCORING_MODEL_SK	NUMERIC(8)	Contains the surrogate key for the corresponding scoring model.	Not Null	No
SCORING_RULE_SK	NUMERIC(8)	Contains the surrogate key for the corresponding rule.	Not Null	No

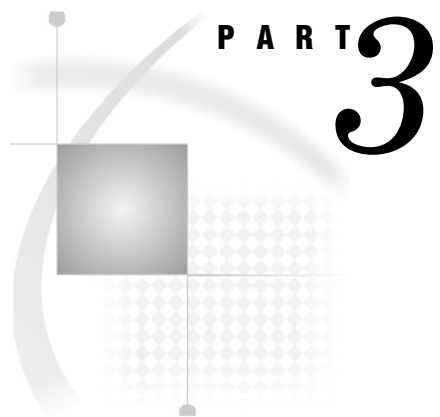
Table 5.83 RULES_SCORING_RESULT_SUB Table

Column Name	Data Type	Description	Null Option	Is PK
SCORING_AS_OF_DTTM	NUMERIC(8)	Contains the date and time for scoring.	Not Null	No

Column Name	Data Type	Description	Null Option	Is PK
SCORING_MODEL_SK	NUMERIC(8)	Contains the surrogate key for the corresponding scoring model.	Not Null	No
SCORING_RULE_SK	NUMERIC(8)	Contains the surrogate key for the corresponding rule.	Not Null	No
SUBSCRIP_ID	VARCHAR(32)	Contains the unique identifier for the subscription.	Not Null	No

Table 5.84 SEGMENT_SCORING_RESULT_CUST Table

Column Name	Data Type	Description	Null Option	Is PK
CLUSTER_ND_SCORING_SEGMENT_NM	NUMERIC(4)	Contains the segment name for scoring.	Null	No
CREATED_DTTM	NUMERIC(8)	Contains the date and time when the record was created.	Not Null	No
CUST_ID	VARCHAR(32)	Contains the unique identifier for the customer.	Not Null	No
DCSN_TR_ND_SCORING_SEGMENT_NM	CHARACTER(10)	Contains the segment code for scoring.	Null	No
SCORING_AS_OF_DTTM	NUMERIC(8)	Contains the date and time for scoring.	Not Null	No
SCORING_MODEL_SK	NUMERIC(8)	Contains the surrogate key for the corresponding scoring model.	Not Null	No



Data Mapping

Chapter 6..... **Data Mapping for Base Tables** *145*

Data Mapping for Base Tables

Here is the alphabetical list of base tables (target tables) and their mapping with the source tables from the Foundation data mart.

Table 6.1 PRE_PD_CUST_INTERACTION_B Table

Target Column	Source Table Name	Library Name	Source Column Name
CUST_ID	CUST_D	CFDDIM	CUST_ID
CUST_ID	PRE_PD_CUST_T MP	CFDMISC	CUST_ID
INTERACTION_CATEGORY_C D	CUST_COMPLAIN T_F	CFDFACT	CUST_INTERACTION_CATEGOR Y_CD
INTERACTION_CATEGORY_C D	CUST_INQUIRY_F	CFDFACT	CUST_INTERACTION_CATEGOR Y_CD
INTERACTION_COMM_MEDIU M_CD	CUST_COMPLAIN T_F	CFDFACT	CUST_COMM_MEDIUM_CD
INTERACTION_COMM_MEDIU M_CD	CUST_INQUIRY_F	CFDFACT	CUST_COMM_MEDIUM_CD
INTERACTION_DT	CUST_COMPLAIN T_F	CFDFACT	CUST_INTERACTION_DTTM
INTERACTION_DT	CUST_INQUIRY_F	CFDFACT	CUST_INTERACTION_DTTM
INTERACTION_STATUS_CD	CUST_COMPLAIN T_F	CFDFACT	COMPLAINT_RESOLUTN_STATU S_CD
INTERACTION_STATUS_CD	CUST_INQUIRY_F	CFDFACT	INQUIRY_STATUS_CD
INTERACTION_TYPE_CD	CUST_COMPLAIN T_F	CFDFACT	COMPLAINT_TYPE_CD
INTERACTION_TYPE_CD	CUST_INQUIRY_F	CFDFACT	INQUIRY_TYPE_CD

Table 6.2 PRE_PD_CUST_LOYALTY_B Table

Target Column	Source Table Name	Library Name	Source Column Name
CUST_ID	CUST_D	CFDDIM	CUST_ID
CUST_ID	PRE_PD_CUST_TMP	CFDMISC	CUST_ID
LOYALTY_BONUS_POINTS	LOYALTY_ACTIVITY_F	CFDFACT	LOYALTY_BONUS_POINTS
LOYALTY_POINTS	LOYALTY_ACTIVITY_F	CFDFACT	LOYALTY_POINTS
LOYALTY_SCHEME_ID	LOYALTY_SCHEME_D	CFDDIM	LOYALTY_SCHEME_ID
LOYALTY_TRANSACTION_DT	LOYALTY_ACTIVITY_F	CFDFACT	LOYALTY_TRANSACTION_DTTM
LOYALTY_TRANSACTION_TYPE_CD	LOYALTY_ACTIVITY_F	CFDFACT	LOYALTY_TRANSACTION_TYPE_CD

Table 6.3 PRE_PD_CUST_OFFER_SNPSHT_B Table

Target Column	Source Table Name	Library Name	Source Column Name
AGRMNT_START_DT	CUST_AGRMNT_D	CFDDIM	AGRMNT_START_DT
AGRMNT_TERM_DT	CUST_AGRMNT_D	CFDDIM	AGRMNT_TERM_DT
AGRMNT_TYPE_CD	CUST_AGRMNT_D	CFDDIM	AGRMNT_TYPE_CD
CAMPAIGN_CD	CUST_AGRMNT_D	CFDDIM	CAMPAIGN_CD
CHANNEL_TYPE_CD	CHANNEL_D	CFDDIM	CHANNEL_TYPE_CD
CUST_ID	CUST_D	CFDDIM	CUST_ID
CUST_ID	PRE_PD_CUST_TMP	CFDMISC	CUST_ID
OFFER_BUNDLE_ID	CUST_X_OFFER_BUNDLE_BRIDGE	CFDFACT	OFFER_BUNDLE_ID
OFFER_CUST_TYPE_CD	OFFER_D	CFDDIM	OFFER_CUST_TYPE_CD
OFFER_ID	OFFER_BUNDLE_X_OFFER_BRIDGE	CFDFACT	OFFER_ID
OFFER_PYMNT_MODE_CD	OFFER_D	CFDDIM	OFFER_PYMNT_MODE_CD
OFFER_SEGMENT_CD	OFFER_D	CFDDIM	OFFER_SEGMENT_CD
OFFER_TYPE_CD	OFFER_D	CFDDIM	OFFER_TYPE_CD
SALES_CHANNEL_ID	CUST_AGRMNT_D	CFDDIM	SALES_CHANNEL_ID

Table 6.4 PRE_PD_CUST_SNPSHT_B Table

Target Column	Source Table Name	Library Name	Source Column Name
BASE_OFFER_CUST_TYPE_CD	OFFER_BUNDLE_D	CFDDIM	BASE_OFFER_CUST_TYPE_CD
BASE_OFFER_ID	OFFER_BUNDLE_D	CFDDIM	BASE_OFFER_ID
BASE_OFFER_PYMNT_MODE_CD	OFFER_BUNDLE_D	CFDDIM	BASE_OFFER_PYMNT_MODE_CD
BASE_OFFER_SEGMENT_CD	OFFER_BUNDLE_D	CFDDIM	BASE_OFFER_SEGMENT_CD
CURR_OFFER_BUNDLE_ID	CUST_X_OFFER_BUNDLE_BRIDGE	CFDFACT	OFFER_BUNDLE_ID
CUST_ID	CUST_D	CFDDIM	CUST_ID
CUST_ID	PRE_PD_CUST_TMP	CFDMISC	CUST_ID
NUM_OF_OFFERS	OFFER_BUNDLE_D	CFDDIM	NUM_OF_OFFERS
OFFER_BUNDLE_CHNG_CNT	CUST_D	CFDDIM	CUST_ID
OFFER_BUNDLE_CHNG_CNT	CUST_X_OFFER_BUNDLE_BRIDGE	CFDFACT	CUST_ID
OFFER_BUNDLE_CHNG_FLG	CUST_D	CFDDIM	CUST_ID
OFFER_BUNDLE_CHNG_FLG	CUST_X_OFFER_BUNDLE_BRIDGE	CFDFACT	CUST_ID
PREV_OFFER_BUNDLE_ID	CUST_X_OFFER_BUNDLE_BRIDGE	CFDFACT	OFFER_BUNDLE_ID
TOT_SUBSCRIP_ACTIVE_CNT	SUBSCRIP_D	CFDDIM	SUBSCRIP_STATUS_CD
TOT_SUBSCRIP_ADDED_CNT	SUBSCRIP_D	CFDDIM	SUBSCRIP_CREATION_DT
TOT_SUBSCRIP_DROPPED_CNT	SUBSCRIP_D	CFDDIM	SUBSCRIP_END_DT
TOT_SUBSCRIP_VOLUN_DACTVN_CNT	SUBSCRIP_D	CFDDIM	SUBSCRIP_STATUS_CD
TOT_SUBSCRIP_VOLUN_DACTVN_CNT	SUBSCRIP_D	CFDDIM	SUBSCRIP_STATUS_CHNG_RSN_CD

Table 6.5 PRE_PD_EQUIP_ACTIVITY_B Table

Target Column	Source Table Name	Library Name	Source Column Name
ACTIVITY_STATUS_DT	BILL_CYCLE_D	CFDDIM	PREV_BILL_CYCLE_END_DAY_NUM
ACTIVITY_STATUS_DT	CALENDAR_D	CFDDIM	CAL_DT
ACTIVITY_STATUS_DT	SETUP_PARAM	CFDMISC	PARAM_NM
ACTIVITY_STATUS_DT	SETUP_PARAM	CFDMISC	PARAM_NM
CUST_ID	CUST_D	CFDDIM	CUST_ID
CUST_ID	PRE_PD_CUST_TMP	CFDMISC	CUST_ID
EQUIPMENT_STATUS_CD	SUBSCRIP_EQUIP_ACTIVITY_F	CFDFACT	EQUIPMENT_STATUS_CD
EQUIPMENT_STATUS_CHNG_RSN_CD	SUBSCRIP_EQUIP_ACTIVITY_F	CFDFACT	EQUIPMENT_STATUS_CHNG_RSN_CD

Target Column	Source Table Name	Library Name	Source Column Name
PROD_ACCESS_CATEGORY_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_CATEGORY_CD
PROD_ACCESS_STANDARD_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_STANDARD_CD
PROD_ID	PRODUCT_D	CFDDIM	PROD_ID
SUBSCRIP_ID	SUBSCRIP_D	CFDDIM	SUBSCRIP_ID

Table 6.6 PRE_PD_SERVICE_ACTIVITY_B Table

Target Column	Source Table Name	Library Name	Source Column Name
ACTIVITY_STATUS_DT	BILL_CYCLE_D	CFDDIM	PREV_BILL_CYCLE_END_D AY_NUM
ACTIVITY_STATUS_DT	CALENDAR_D	CFDDIM	CAL_DT
ACTIVITY_STATUS_DT	SETUP_PARAM	CFDMISC	PARAM_NM
ACTIVITY_STATUS_DT	SETUP_PARAM	CFDMISC	PARAM_NM
CUST_ID	CUST_D	CFDDIM	CUST_ID
CUST_ID	PRE_PD_CUST_TMP	CFDMISC	CUST_ID
PROD_ACCESS_CATEGORY_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_CATEGORY_CD
PROD_ACCESS_STANDARD_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_STANDARD_CD
PROD_ID	PRODUCT_D	CFDDIM	PROD_ID
SERVICE_CATEGORY_CD	SERVICE_D	CFDDIM	SERVICE_CATEGORY_CD
SERVICE_DELIVERY_TECH_CD	SERVICE_D	CFDDIM	SERVICE_DELIVERY_TECH_CD
SERVICE_FIRST_ACTIVATION_DT	SUBSCRIP_SERVICE_ACTIVITY_F	CFDFACT	SERVICE_FIRST_ACTIVATION_DT
SERVICE_ID	SERVICE_D	CFDDIM	SERVICE_ID
SERVICE_STATUS_CD	SUBSCRIP_SERVICE_ACTIVITY_F	CFDFACT	SERVICE_STATUS_CD
SERVICE_STATUS_CHNG_RSN_CD	SUBSCRIP_SERVICE_ACTIVITY_F	CFDFACT	SERVICE_STATUS_CHNG_RSN_CD
SUBSCRIP_ID	SUBSCRIP_D	CFDDIM	SUBSCRIP_ID

Table 6.7 PRE_PD_SUBSCRIP_BUCKET_DRVD_B Table

Target Column	Source Table Name	Library Name	Source Column Name
CSP_USG_BUCKET_CD	CSP_USAGE_BUCKET_D	CFDDIM	CSP_USG_BUCKET_CD
CUST_ID	CUST_D	CFDDIM	CUST_ID
CUST_ID	PRE_PD_CUST_TMP	CFDMISC	CUST_ID
DUR_FRST_DECR_FRM_ACTVN	BILL_CYCLE_D	CFDDIM	PREV_BILL_CYCLE_END_D AY_NUM
DUR_FRST_DECR_FRM_ACTVN	CALENDAR_D	CFDDIM	CAL_DT

Target Column	Source Table Name	Library Name	Source Column Name
DUR_FRST_DECR_FRM_ACTVN	SETUP_PARAM	CFDMISC	PARAM_NM
DUR_FRST_DECR_FRM_ACTVN	SETUP_PARAM	CFDMISC	PARAM_NM
DUR_FRST_DECR_FRM_ACTVN	SUBSCR_P_BUCKET_USAGE_SNPSHT_F	CFDFACT	SNAPSHOT_DT_SK
DUR_FRST_DECR_FRM_ACTVN	SUBSCR_P_D	CFDDIM	SUBSCR_ACTIVATION_DT
DUR_FRST_RCHRG_FRM_ACTVN	BILL_CYCLE_D	CFDDIM	PREV_BILL_CYCLE_END_DAY_NUM
DUR_FRST_RCHRG_FRM_ACTVN	CALENDAR_D	CFDDIM	CAL_DT
DUR_FRST_RCHRG_FRM_ACTVN	SETUP_PARAM	CFDMISC	PARAM_NM
DUR_FRST_RCHRG_FRM_ACTVN	SETUP_PARAM	CFDMISC	PARAM_NM
DUR_FRST_RCHRG_FRM_ACTVN	SUBSCR_P_D	CFDDIM	SUBSCR_ACTIVATION_DT
DUR_LST_RCHRG_FRST_DECR	PREPAID_NON_USAGE_CHARGE_F	CFDFACT	PYMNT_DT_SK
DUR_LST_RCHRG_FRST_DECR	PREPAID_USAGE_CHARGE_F	CFDFACT	PYMNT_DT_SK
DUR_LST_RCHRG_FRST_DECR	SUBSCR_P_BUCKET_USAGE_SNPSHT_F	CFDFACT	SNAPSHOT_DT_SK
SUBSCR_ACTIVATION_DT	SUBSCR_P_D	CFDDIM	SUBSCR_ACTIVATION_DT
SUBSCR_ID	SUBSCR_P_D	CFDDIM	SUBSCR_ID

Table 6.8 PRE_PD_SUBSCR_P_BUCKET_USAGE_B Table

Target Column	Source Table Name	Library Name	Source Column Name
BALANCE_VAL_UOM	SUBSCR_P_BUCKET_USAGE_SNPSHT_F	FACT	BALANCE_VAL_UOM
CLOSING_BALANCE_VAL	SUBSCR_P_BUCKET_USAGE_SNPSHT_F	FACT	CLOSING_BALANCE_VAL
CSP_USG_BUCKET_CD	CSP_USAGE_BUCKET_D	DIM	CSP_USG_BUCKET_CD
CUST_ID	SUBSCR_P_D	DIM	CUST_ID
DECREMENT_VAL	SUBSCR_P_BUCKET_USAGE_SNPSHT_F	FACT	DECREMENT_VAL
SNAPSHOT_DT	BILL_CYCLE_D	DIM	PREV_BILL_CYCLE_END_DAY_NUM
SNAPSHOT_DT	CALENDAR_D	DIM	PARAM_NM
SNAPSHOT_DT	SETUP_PARAM	MISC	PARAM_NM
SUBSCR_ID	SUBSCR_P_D	DIM	SUBSCR_ID
VALIDITY_EXP_DT	SUBSCR_P_BUCKET_USAGE_SNPSHT_F	FACT	VALIDITY_EXP_DT

Table 6.9 PRE_PD_SUBSCRIP_INTERACTION_B Table

Target Column	Source Table Name	Library Name	Source Column Name
CUST_ID	CUST_D	CFDDIM	CUST_ID
CUST_ID	PRE_PD_CUST_T MP	CFDMISC	CUST_ID
INTERACTION_CATEGORY_C D	CUST_COMPLAIN T_F	CFDFACT	CUST_INTERACTION_CATEGOR Y_CD
INTERACTION_CATEGORY_C D	CUST_INQUIRY_F	CFDFACT	CUST_INTERACTION_CATEGOR Y_CD
INTERACTION_COMM_MEDIU M_CD	CUST_COMPLAIN T_F	CFDFACT	CUST_COMM_MEDIUM_CD
INTERACTION_COMM_MEDIU M_CD	CUST_INQUIRY_F	CFDFACT	CUST_COMM_MEDIUM_CD
INTERACTION_DT	CUST_COMPLAIN T_F	CFDFACT	CUST_INTERACTION_DTTM
INTERACTION_DT	CUST_INQUIRY_F	CFDFACT	CUST_INTERACTION_DTTM
INTERACTION_STATUS_CD	CUST_COMPLAIN T_F	CFDFACT	COMPLAINT_RESOLUTN_STATU S_CD
INTERACTION_STATUS_CD	CUST_INQUIRY_F	CFDFACT	INQUIRY_STATUS_CD
INTERACTION_TYPE_CD	CUST_COMPLAIN T_F	CFDFACT	COMPLAINT_TYPE_CD
INTERACTION_TYPE_CD	CUST_INQUIRY_F	CFDFACT	INQUIRY_TYPE_CD
SUBSCRIP_ID	SUBSCRIP_D	CFDDIM	SUBSCRIP_ID

Table 6.10 PRE_PD_SUBSCRIP_LOYALTY_B Table

Target Column	Source Table Name	Library Name	Source Column Name
CUST_ID	CUST_D	CFDDIM	CUST_ID
CUST_ID	PRE_PD_CUST_TM P	CFDMISC	CUST_ID
LOYALTY_BONUS_POINTS	LOYALTY_ACTIVIT Y_F	CFDFACT	LOYALTY_BONUS_POINTS
LOYALTY_POINTS	LOYALTY_ACTIVIT Y_F	CFDFACT	LOYALTY_POINTS
LOYALTY_SCHEME_ID	LOYALTY_SCHEM E_D	CFDDIM	LOYALTY_SCHEME_ID
LOYALTY_TRANSACTION_DT	LOYALTY_ACTIVIT Y_F	CFDFACT	LOYALTY_TRANSACTION_DTT M
LOYALTY_TRANSACTION_TYP E_CD	LOYALTY_ACTIVIT Y_F	CFDFACT	LOYALTY_TRANSACTION_TYP E_CD
SUBSCRIP_ID	SUBSCRIP_D	CFDDIM	SUBSCRIP_ID

Table 6.11 PRE_PD_SUBSCRIP_USAGE_DRVD_B Table

Target Column	Source Table Name	Library Name	Source Column Name
CUST_ID	CUST_D	CFDDIM	CUST_ID
CUST_ID	PRE_PD_CUST_TMP	CFDMISC	CUST_ID
DUR_FRST_USG_FRM_A_CTVN	BILL_CYCLE_D	CFDDIM	PREV_BILL_CYCLE_END_D AY_NUM
DUR_FRST_USG_FRM_A_CTVN	CALENDAR_D	CFDDIM	CAL_DT
DUR_FRST_USG_FRM_A_CTVN	SETUP_PARAM	CFDMISC	PARAM_NM
DUR_FRST_USG_FRM_A_CTVN	SETUP_PARAM	CFDMISC	PARAM_NM
DUR_FRST_USG_FRM_A_CTVN	SUBSCRIP_D	CFDDIM	SUBSCRIP_ACTIVATION_DT
DUR_FRST_USG_FRM_A_CTVN	USAGE_SUMMARY_F	CFDFACT	USG_DT_SK
DUR_LST_RCHRG_FRST_USG	PREPAID_NON_USAGE_CHARGE_F	CFDFACT	PYMNT_DT_SK
DUR_LST_RCHRG_FRST_USG	PREPAID_USAGE_CHARGE_F	CFDFACT	PYMNT_DT_SK
DUR_LST_RCHRG_FRST_USG	USAGE_SUMMARY_F	CFDFACT	USG_DT_SK
EVENT_DIRECTION_CD	EVENT_TYPE_D	CFDDIM	EVENT_DIRECTION_CD
PROD_ACCESS_CATEGORY_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_CATEGORY_CD
PROD_ACCESS_STANDARD_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_STANDARD_CD
PROD_ID	PRODUCT_D	CFDDIM	PROD_ID
SERVICE_CATEGORY_CD	SERVICE_D	CFDDIM	SERVICE_CATEGORY_CD
SERVICE_DELIVERY_TECH_CD	SERVICE_D	CFDDIM	SERVICE_DELIVERY_TECH_CD
SERVICE_ID	SERVICE_D	CFDDIM	SERVICE_ID
SUBSCRIP_ACTIVATION_DT	SUBSCRIP_D	CFDDIM	SUBSCRIP_ACTIVATION_DT
SUBSCRIP_ID	SUBSCRIP_D	CFDDIM	SUBSCRIP_ID

Table 6.12 PRE_PD_USAGE_B Table

Target Column	Source Table Name	Library Name	Source Column Name
CUST_ID	CUST_D	CFDDIM	CUST_ID
CUST_ID	PRE_PD_CUST_TMP	CFDMISC	CUST_ID
DURATION_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	DURATION_OF_CALLS
DURATION_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	DURATION_OF_SESSIONS
EVENT_DIRECTION_CD	EVENT_TYPE_D	CFDDIM	EVENT_DIRECTION_CD
EVENT_DSTN_ACCESS_CATEGORY_CD	EVENT_TYPE_D	CFDDIM	EVENT_DSTN_ACCESS_CATEGORY_CD
EVENT_TYPE_ID	EVENT_TYPE_D	CFDDIM	EVENT_TYPE_ID
NETWORK_OPERATOR_ID	EVENT_TYPE_D	CFDDIM	NETWORK_OPERATOR_ID
NETWORK_TYPE_CD	EVENT_TYPE_D	CFDDIM	NETWORK_TYPE_CD
NUM_OF_DROPPED_EVENT	EVENT_FAILURE_SUMMARY_F	CFDFACT	NUM_OF_DROPPED_CALLS
NUM_OF_DROPPED_EVENT	EVENT_FAILURE_SUMMARY_F	CFDFACT	NUM_OF_DROPPED_SESSIONS
NUM_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	NUM_OF_CALLS
NUM_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	NUM_OF_MESSAGES
NUM_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	NUM_OF_SESSIONS
NUM_OF_FAILED_EVENT	EVENT_FAILURE_SUMMARY_F	CFDFACT	NUM_OF_FAILED_CALLS
NUM_OF_FAILED_EVENT	EVENT_FAILURE_SUMMARY_F	CFDFACT	NUM_OF_FAILED_MESSAGES
NUM_OF_FAILED_EVENT	EVENT_FAILURE_SUMMARY_F	CFDFACT	NUM_OF_FAILED_SESSIONS
PROD_ACCESS_CATEGORY_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_CATEGORY_CD
PROD_ACCESS_STANDARD_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_STANDARD_CD
PROD_ID	PRODUCT_D	CFDDIM	PROD_ID
SERVICE_CATEGORY_CD	SERVICE_D	CFDDIM	SERVICE_CATEGORY_CD
SERVICE_DELIVERY_TECH_CD	SERVICE_D	CFDDIM	SERVICE_DELIVERY_TECH_CD
SERVICE_ID	EVENT_TYPE_D	CFDDIM	SERVICE_ID
SUBSCRIP_ACTIVATION_DT	SUBSCRIP_D	CFDDIM	SUBSCRIP_ACTIVATION_DT
SUBSCRIP_ID	SUBSCRIP_D	CFDDIM	SUBSCRIP_ID
TIME_BAND_CD	TIME_BAND_D	CFDDIM	TIME_BAND_CD
USG_DT	BILL_CYCLE_D	CFDDIM	PREV_BILL_CYCLE_END_DAY_NUM
USG_DT	CALENDAR_D	CFDDIM	CAL_DT
USG_DT	SETUP_PARAM	CFDMISC	PARAM_NM
USG_DT	SETUP_PARAM	CFDMISC	PARAM_NM
USG_REVENUE_AMT	USAGE_SUMMARY_F	CFDFACT	USG_REVENUE_AMT
VOL_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	VOL_OF_DATA
VOL_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	VOL_OF_MESSAGES

Table 6.13 PRE_PD_USAGE_RECHARGE_B Table

Target Column	Source Table Name	Library Name	Source Column Name
CHANNEL_TYPE_CD	CHANNEL_D	CFDDIM	CHANNEL_TYPE_CD
CSP_USG_BUCKET_CD	CSP_USAGE_BUCKET_D	CFDDIM	CSP_USG_BUCKET_CD
CUST_ACCT_ID	CUST_ACCT_D	CFDDIM	CUST_ACCT_ID
CUST_ID	CUST_ACCT_D	CFDDIM	CUST_ID
OFFER_TYPE_CD	OFFER_D	CFDDIM	OFFER_TYPE_CD
PRE_PAID_OFFER_PAYABLE_AMT	PAYMENT_F	CFDFACT	PYMNT_AMT
PREPAID_BALANCE_VAL_UOM_CD	PREPAID_USAGE_CHARGE_F	CFDFACT	PREPAID_BALANCE_VAL_UOM_CD
PREPAID_USG_VALDTY_END_OF_DT	PREPAID_USAGE_CHARGE_F	CFDFACT	PREPAID_USG_VALDTY_END_OF_DT
PREPAID_VALID_USG_CHRG_VAL	PREPAID_USAGE_CHARGE_F	CFDFACT	PREPAID_VALID_USG_CHRG_VAL
PYMNT_DT	BILL_CYCLE_D	CFDDIM	PREV_BILL_CYCLE_END_DAY_NUM
PYMNT_DT	CALENDAR_D	CFDDIM	CAL_DT
PYMNT_DT	SETUP_PARAM	CFDMISC	PARAM_NM
PYMNT_DT	SETUP_PARAM	CFDMISC	PARAM_NM
PYMNT_ID	PAYMENT_F	CFDFACT	PYMNT_ID
PYMNT_METHOD_CD	PAYMENT_METHOD_D	CFDDIM	PYMNT_METHOD_CD
RECHARGE_VOUCHER_TYPE_CD	RECHARGE_VOUCHER_D	CFDDIM	RECHARGE_VOUCHER_TYPE_CD
SUBSCRIP_ID	SUBSCRIP_D	CFDDIM	SUBSCRIP_ID

Table 6.14 PRE_PD_USAGE_SUMMARY_B Table

Target Column	Source Table Name	Library Name	Source Column Name
CUST_ID	CUST_D	CFDDIM	CUST_ID
CUST_ID	PRE_PD_CUST_TMP	CFDMISC	CUST_ID
DURATION_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	DURATION_OF_CALLS
DURATION_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	DURATION_OF_SESSIONS
EVENT_DIRECTION_CD	EVENT_TYPE_D	CFDDIM	EVENT_DIRECTION_CD
EVENT_DSTN_ACCESS_CATEGORY_CD	EVENT_TYPE_D	CFDDIM	EVENT_DSTN_ACCESS_CATEGORY_CD
EVENT_TYPE_ID	EVENT_TYPE_D	CFDDIM	EVENT_TYPE_ID
LST_USG_DT	BILL_CYCLE_D	CFDDIM	PREV_BILL_CYCLE_END_DAY_NUM
LST_USG_DT	CALENDAR_D	CFDDIM	CAL_DT
LST_USG_DT	SETUP_PARAM	CFDMISC	PARAM_NM
LST_USG_DT	SETUP_PARAM	CFDMISC	PARAM_NM
NETWORK_OPERATOR_ID	EVENT_TYPE_D	CFDDIM	NETWORK_OPERATOR_ID

Target Column	Source Table Name	Library Name	Source Column Name
NETWORK_TYPE_CD	EVENT_TYPE_D	CFDDIM	NETWORK_TYPE_CD
NUM_OF_DROPPED_EVENT	EVENT_FAILURE_SUMMARY_F	CFDFACT	NUM_OF_DROPPED_CALLS
NUM_OF_DROPPED_EVENT	EVENT_FAILURE_SUMMARY_F	CFDFACT	NUM_OF_DROPPED_SESSIONS
NUM_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	NUM_OF_CALLS
NUM_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	NUM_OF_MESSAGES
NUM_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	NUM_OF_SESSIONS
NUM_OF_FAILED_EVENT	EVENT_FAILURE_SUMMARY_F	CFDFACT	NUM_OF_FAILED_CALLS
NUM_OF_FAILED_EVENT	EVENT_FAILURE_SUMMARY_F	CFDFACT	NUM_OF_FAILED_MESSAGES
NUM_OF_FAILED_EVENT	EVENT_FAILURE_SUMMARY_F	CFDFACT	NUM_OF_FAILED_SESSIONS
PROD_ACCESS_CATEGORY_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_CATEGORY_CD
PROD_ACCESS_STANDARD_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_STANDARD_CD
PROD_ID	PRODUCT_D	CFDDIM	PROD_ID
SERVICE_CATEGORY_CD	SERVICE_D	CFDDIM	SERVICE_CATEGORY_CD
SERVICE_DELIVERY_TECH_CD	SERVICE_D	CFDDIM	SERVICE_DELIVERY_TECH_CD
SERVICE_ID	EVENT_TYPE_D	CFDDIM	SERVICE_ID
SUBSCRIP_ACTIVATION_DT	SUBSCRIP_D	CFDDIM	SUBSCRIP_ACTIVATION_DT
SUBSCRIP_ID	SUBSCRIP_D	CFDDIM	SUBSCRIP_ID
TIME_BAND_CD	TIME_BAND_D	CFDDIM	TIME_BAND_CD
USG_REVENUE_AMT	USAGE_SUMMARY_F	CFDFACT	USG_REVENUE_AMT
VOL_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	VOL_OF_DATA
VOL_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	VOL_OF_MESSAGES

Table 6.15 PST_PD_BILL_USAGE_B Table

Target Column	Source Table Name	Library Name	Source Column Name
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	BILL_CYCLE_CD
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_CD
BILL_CYCLE_DT	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_DT
BILL_DT	BILL_CYCLE_D	CFDDIM	PREV_BILL_CYCLE_END_DAY_NUM
BILL_DT	CALENDAR_D	CFDDIM	CAL_DT
BILL_DT	SETUP_PARAM	CFDMISC	PARAM_NM
BILL_DT	SETUP_PARAM	CFDMISC	PARAM_NM

Target Column	Source Table Name	Library Name	Source Column Name
BILL_ID	BILL_USAGE_F	CFDFACT	BILL_ID
BILL_USG_AMT	BILL_USAGE_F	CFDFACT	BILL_USG_AMT
BILL_USG_DISCOUNT_AMT	BILL_USAGE_F	CFDFACT	BILL_USG_DISCOUNT_AMT
CUST_ACCT_ID	CUST_ACCT_D	CFDDIM	CUST_ACCT_ID
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	CUST_ID
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	CUST_ID
EVENT_DIRECTION_CD	EVENT_TYPE_D	CFDDIM	EVENT_DIRECTION_CD
EVENT_DSTN_ACCESS_CATEGORY_CD	EVENT_TYPE_D	CFDDIM	EVENT_DSTN_ACCESS_CATEGORY_CD
EVENT_TYPE_ID	EVENT_TYPE_D	CFDDIM	EVENT_TYPE_ID
NETWORK_OPERATOR_ID	EVENT_TYPE_D	CFDDIM	NETWORK_OPERATOR_ID
NETWORK_TYPE_CD	EVENT_TYPE_D	CFDDIM	NETWORK_TYPE_CD
PROD_ACCESS_CATEGORY_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_CATEGORY_CD
PROD_ACCESS_STANDARD_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_STANDARD_CD
PROD_ID	PRODUCT_D	CFDDIM	PROD_ID
SERVICE_CATEGORY_CD	SERVICE_D	CFDDIM	SERVICE_CATEGORY_CD
SERVICE_DELIVERY_TECH_CD	SERVICE_D	CFDDIM	SERVICE_DELIVERY_TECH_CD
SERVICE_ID	SERVICE_D	CFDDIM	SERVICE_ID
SUBSCRIP_ID	SUBSCRIP_D	CFDDIM	SUBSCRIP_ID

Table 6.16 PST_PD_CUST_ACCT_SNPSHT_B Table

Target Column	Source Table Name	Library Name	Source Column Name
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	BILL_CYCLE_CD
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_CD
BILL_CYCLE_DT	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_DT
CUST_ACCT_CREATION_DT	CUST_ACCT_D	CFDDIM	CUST_ACCT_CREATION_DT
CUST_ACCT_CREDIT_CLASS_CD	CUST_ACCT_D	CFDDIM	CUST_ACCT_CREDIT_CLASS_CD
CUST_ACCT_ID	CUST_ACCT_D	CFDDIM	CUST_ACCT_ID
CUST_ACCT_STATUS_CD	CUST_ACCT_D	CFDDIM	CUST_ACCT_STATUS_CD
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	CUST_ID

Target Column	Source Table Name	Library Name	Source Column Name
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	CUST_ID
OVERDUE_IND	CUST_ACCT_BALANCE_SNPSHT_F	CFDFACT	OVERDUE_IND
SNAPSHOT_DT	BILL_CYCLE_D	CFDDIM	PREV_BILL_CYCLE_END_DAY_NUM
SNAPSHOT_DT	CALENDAR_D	CFDDIM	CAL_DT
SNAPSHOT_DT	SETUP_PARAM	CFDMISC	PARAM_NM
SNAPSHOT_DT	SETUP_PARAM	CFDMISC	PARAM_NM
TOT_BOUNCED_PYMNT_AMT	PAYMENT_F	CFDFACT	PYMNT_AMT
TOT_BOUNCED_PYMNT_AMT	PAYMENT_F	CFDFACT	PYMNT_STATUS_CD
TOT_BOUNCED_PYMNT_CNT	PAYMENT_F	CFDFACT	PYMNT_STATUS_CD
TOT_PYMNT_METHOD_CNT	PAYMENT_F	CFDFACT	PYMNT_METHOD_SK

Table 6.17 PST_PD_CUST_BILL_B Table

Target Column	Source Table Name	Library Name	Source Column Name
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	BILL_CYCLE_CD
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_CD
BILL_CYCLE_DT	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_DT
BILL_DISCOUNT_AMT	BILL_F	CFDFACT	BILL_DISCOUNT_AMT
BILL_DT	BILL_CYCLE_D	CFDDIM	PREV_BILL_CYCLE_END_DAY_NUM
BILL_DT	CALENDAR_D	CFDDIM	CAL_DT
BILL_DT	SETUP_PARAM	CFDMISC	PARAM_NM
BILL_DT	SETUP_PARAM	CFDMISC	PARAM_NM
BILL_ID	BILL_F	CFDFACT	BILL_ID
BILL_NET_PAYBALE_AMT	BILL_F	CFDFACT	BILL_NET_PAYBALE_AMT
BILL_NON_USG_ONE_TIME_AMT	BILL_F	CFDFACT	BILL_NON_USG_ONE_TIME_AMT
BILL_NON_USG_RCRNG_AMT	BILL_F	CFDFACT	BILL_NON_USG_RCRNG_AMT
BILL_PYMNT_DUE_DT	BILL_F	CFDFACT	BILL_PYMNT_DUE_DT
BILL_USG_AMT	BILL_F	CFDFACT	BILL_USG_AMT
CUST_ACCT_ID	CUST_ACCT_D	CFDDIM	CUST_ACCT_ID
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	CUST_ID
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	CUST_ID

Table 6.18 PST_PD_CUST_BILL_NONUSAGE_B Table

Target Column	Source Table Name	Library Name	Source Column Name
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	BILL_CYCLE_CD
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_CD
BILL_CYCLE_DT	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_DT
BILL_DT	BILL_CYCLE_D	CFDDIM	PREV_BILL_CYCLE_END_DAY_NUM
BILL_DT	CALENDAR_D	CFDDIM	CAL_DT
BILL_DT	SETUP_PARAM	CFDMISC	PARAM_NM
BILL_DT	SETUP_PARAM	CFDMISC	PARAM_NM
BILL_ID	BILL_NON_USAGE_F	CFDFACT	BILL_ID
BILL_NON_USG_AMT	BILL_NON_USAGE_F	CFDFACT	BILL_NON_USG_AMT
BILL_NON_USG_DISCOUNT_AMT	BILL_NON_USAGE_F	CFDFACT	BILL_NON_USG_DISCOUNT_AMT
CHRG_TYPE_CD	CHARGE_TYPE_D	CFDDIM	CHRG_TYPE_CD
CUST_ACCT_ID	CUST_ACCT_D	CFDDIM	CUST_ACCT_ID
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	CUST_ID
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	CUST_ID
OFFER_ID	OFFER_BUNDLE_D	CFDDIM	BASE_OFFER_ID
OFFER_ID	OFFER_D	CFDDIM	BASE_OFFER_ID
PROD_ACCESS_CATEGORY_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_CATEGORY_CD
PROD_ACCESS_STANDARD_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_STANDARD_CD
PROD_ID	PRODUCT_D	CFDDIM	PROD_ID
SERVICE_CATEGORY_CD	SERVICE_D	CFDDIM	SERVICE_CATEGORY_CD
SERVICE_DELIVERY_TECH_CD	SERVICE_D	CFDDIM	SERVICE_DELIVERY_TECH_CD
SERVICE_ID	SERVICE_D	CFDDIM	SERVICE_ID

Table 6.19 PST_PD_CUST_INTERACTION_B Table

Target Column	Source Table Name	Library Name	Source Column Name
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	BILL_CYCLE_CD
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_CD
BILL_CYCLE_DT	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_DT
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	CUST_ID
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	CUST_ID
INTERACTION_CATEGORY_CD	CUST_COMPLAINT_F	CFDFACT	CUST_INTERACTION_CATEGORY_CD
INTERACTION_CATEGORY_CD	CUST_INQUIRY_F	CFDFACT	CUST_INTERACTION_CATEGORY_CD
INTERACTION_COMM_MEDIUM_CD	CUST_COMPLAINT_F	CFDFACT	CUST_COMM_MEDIUM_CD
INTERACTION_COMM_MEDIUM_CD	CUST_INQUIRY_F	CFDFACT	CUST_COMM_MEDIUM_CD
INTERACTION_DT	CUST_COMPLAINT_F	CFDFACT	CUST_INTERACTION_DTTM
INTERACTION_DT	CUST_INQUIRY_F	CFDFACT	CUST_INTERACTION_DTTM
INTERACTION_STATUS_CD	CUST_COMPLAINT_F	CFDFACT	COMPLAINT_RESOLUTION_STATUS_CD
INTERACTION_STATUS_CD	CUST_INQUIRY_F	CFDFACT	INQUIRY_STATUS_CD
INTERACTION_TYPE_CD	CUST_COMPLAINT_F	CFDFACT	COMPLAINT_TYPE_CD
INTERACTION_TYPE_CD	CUST_INQUIRY_F	CFDFACT	INQUIRY_TYPE_CD

Table 6.20 PST_PD_CUST_LOYALTY_B Table

Target Column	Source Table Name	Library Name	Source Column Name
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	BILL_CYCLE_CD
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_CD
BILL_CYCLE_DT	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_DT
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	CUST_ID
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	CUST_ID
LOYALTY_BONUS_POINTS	LOYALTY_ACTIVITY_F	CFDFACT	LOYALTY_BONUS_POINTS
LOYALTY_POINTS	LOYALTY_ACTIVITY_F	CFDFACT	LOYALTY_POINTS
LOYALTY_SCHEME_ID	LOYALTY_SCHEME_D	CFDDIM	LOYALTY_SCHEME_ID
LOYALTY_TRANSACTION_DT	LOYALTY_ACTIVITY_F	CFDFACT	LOYALTY_TRANSACTION_DTTM
LOYALTY_TRANSACTION_TYPE_CD	LOYALTY_ACTIVITY_F	CFDFACT	LOYALTY_TRANSACTION_TYPE_CD

Table 6.21 PST_PD_CUST_OFFER_SNPSHT_B Table

Target Column	Source Table Name	Library Name	Source Column Name
AGRMNT_START_DT	CUST_AGRMNT_D	CFDDIM	AGRMNT_START_DT
AGRMNT_TERM_DT	CUST_AGRMNT_D	CFDDIM	AGRMNT_TERM_DT
AGRMNT_TYPE_CD	CUST_AGRMNT_D	CFDDIM	AGRMNT_TYPE_CD
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	BILL_CYCLE_CD
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_CD
BILL_CYCLE_DT	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_DT
CAMPAIGN_CD	CUST_AGRMNT_D	CFDDIM	CAMPAIGN_CD
CHANNEL_TYPE_CD	CHANNEL_D	CFDDIM	CHANNEL_TYPE_CD
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	CUST_ID
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	CUST_ID
OFFER_BUNDLE_ID	CUST_X_OFFER_BUNDLE_BRIDGE	CFDFACT	OFFER_BUNDLE_ID
OFFER_CUST_TYPE_CD	OFFER_D	CFDDIM	OFFER_CUST_TYPE_CD
OFFER_ID	OFFER_BUNDLE_X_OFFER_BRIDGE	CFDFACT	OFFER_ID
OFFER_PYMNT_MODE_CD	OFFER_D	CFDDIM	OFFER_PYMNT_MODE_CD
OFFER_SEGMENT_CD	OFFER_D	CFDDIM	OFFER_SEGMENT_CD
OFFER_TYPE_CD	OFFER_D	CFDDIM	OFFER_TYPE_CD
SALES_CHANNEL_ID	CUST_AGRMNT_D	CFDDIM	SALES_CHANNEL_ID
SNAPSHOT_DT	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_DT

Table 6.22 PST_PD_CUST_SNPSHT_B Table

Target Column	Source Table Name	Library Name	Source Column Name
BASE_OFFER_CUST_TYPE_CD	OFFER_BUNDLE_D	CFDDIM	BASE_OFFER_CUST_TYPE_CD
BASE_OFFER_ID	OFFER_BUNDLE_D	CFDDIM	BASE_OFFER_ID
BASE_OFFER_PYMNT_MODE_CD	OFFER_BUNDLE_D	CFDDIM	BASE_OFFER_PYMNT_MODE_CD
BASE_OFFER_SEGMENT_CD	OFFER_BUNDLE_D	CFDDIM	BASE_OFFER_SEGMENT_CD
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	BILL_CYCLE_CD
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_CD
BILL_CYCLE_DT	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_DT
CURR_OFFER_BUNDLE_ID	CUST_X_OFFER_BUNDLE_BRIDGE	CFDFACT	OFFER_BUNDLE_ID

Target Column	Source Table Name	Library Name	Source Column Name
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	CUST_ID
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	CUST_ID
NUM_OF_OFFERS	OFFER_BUNDLE_D	CFDDIM	NUM_OF_OFFERS
OFFER_BUNDLE_CHNG_CNT	CUST_D	CFDDIM	CUST_ID
OFFER_BUNDLE_CHNG_CNT	CUST_X_OFFER_BUNDLE_BRIDGE	CFDFACT	CUST_ID
OFFER_BUNDLE_CHNG_FLG	CUST_D	CFDDIM	CUST_ID
OFFER_BUNDLE_CHNG_FLG	CUST_X_OFFER_BUNDLE_BRIDGE	CFDFACT	CUST_ID
PREV_OFFER_BUNDLE_ID	CUST_X_OFFER_BUNDLE_BRIDGE	CFDFACT	OFFER_BUNDLE_ID
SNAPSHOT_DT	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_DT
TOT_SUBSCRIP_ACTIVE_CNT	SUBSCRIP_D	CFDDIM	SUBSCRIP_STATUS_CD
TOT_SUBSCRIP_ADDED_CNT	SUBSCRIP_D	CFDDIM	SUBSCRIP_CREATION_DT
TOT_SUBSCRIP_DROPPED_CNT	SUBSCRIP_D	CFDDIM	SUBSCRIP_END_DT
TOT_SUBSCRIP_VOLUN_DACTVN_CNT	SUBSCRIP_D	CFDDIM	SUBSCRIP_STATUS_CD
TOT_SUBSCRIP_VOLUN_DACTVN_CNT	SUBSCRIP_D	CFDDIM	SUBSCRIP_STATUS_CHNG_RSN_CD

Table 6.23 PST_PD_EQUIP_ACTIVITY_B Table

Target Column	Source Table Name	Library Name	Source Column Name
ACTIVITY_STATUS_DT	BILL_CYCLE_D	CFDDIM	PREV_BILL_CYCLE_END_DAY_NUM
ACTIVITY_STATUS_DT	CALENDAR_D	CFDDIM	CAL_DT
ACTIVITY_STATUS_DT	SETUP_PARAM	CFDMISC	PARAM_NM
ACTIVITY_STATUS_DT	SETUP_PARAM	CFDMISC	PARAM_NM
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	BILL_CYCLE_CD
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_CD
BILL_CYCLE_DT	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_DT
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	CUST_ID
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	CUST_ID
EQUIPMENT_STATUS_CD	SUBSCRIP_EQUIP_ACTIVITY_F	CFDFACT	EQUIPMENT_STATUS_CD
EQUIPMENT_STATUS_CHN	SUBSCRIP_EQUIP_ACTIVITY_F	CFDFACT	EQUIPMENT_STATUS_CHN

Target Column	Source Table Name	Library Name	Source Column Name
G_RSN_CD	TY_F		G_RSN_CD
PROD_ACCESS_CATEGORY_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_CATEGORY_CD
PROD_ACCESS_STANDARD_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_STANDARD_CD
PROD_ID	PRODUCT_D	CFDDIM	PROD_ID
SUBSCRIP_ID	SUBSCRIP_D	CFDDIM	SUBSCRIP_ID

Table 6.24 PST_PD_PAYMENT_B Table

Target Column	Source Table Name	Library Name	Source Column Name
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	BILL_CYCLE_CD
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_CD
BILL_CYCLE_DT	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_DT
CUST_ACCT_ID	CUST_ACCT_D	CFDDIM	CUST_ACCT_ID
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	CUST_ID
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	CUST_ID
PYMNT_AMT	PAYMENT_F	CFDFACT	PYMNT_AMT
PYMNT_DT	PAYMENT_F	CFDFACT	PYMNT_DTTM
PYMNT_ID	PAYMENT_F	CFDFACT	PYMNT_ID
PYMNT_METHOD_CD	PAYMENT_METHOD_D	CFDDIM	PYMNT_METHOD_CD
PYMNT_STATUS_CD	PAYMENT_F	CFDFACT	PYMNT_STATUS_CD

Table 6.25 PST_PD_PAYMENT_DRVD_B Table

Target Column	Source Table Name	Library Name	Source Column Name
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	BILL_CYCLE_CD
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_CD
BILL_CYCLE_DT	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_DT
BILL_DUE_AMT	BILL_F	CFDFACT	BILL_NET_PAYBALE_AMT
BILL_DUE_AMT	BILL_F	CFDFACT	BILL_NET_PYBL_AMT_AFTR_DUE_DT
BILL_DUE_AMT	BILL_F	CFDFACT	BILL_PYMNT_DUE_DT
BILL_DUE_AMT	BILL_X_PAYMENT_BRIDGE	CFDFACT	BILL_DUE_AMT
BILL_DUE_DT	BILL_F	CFDFACT	BILL_PYMNT_DUE_DT
BILL_DUE_IND	BILL_F	CFDFACT	BILL_NET_PAYBALE_AMT
BILL_DUE_IND	BILL_F	CFDFACT	BILL_NET_PYBL_AMT_AFTR_DUE_DT
BILL_DUE_IND	BILL_F	CFDFACT	BILL_PYMNT_DUE_DT
BILL_DUE_IND	BILL_X_PAYMENT_BRIDGE	CFDFACT	BILL_DUE_AMT

Target Column	Source Table Name	Library Name	Source Column Name
BILL_ID	BILL_F	CFDFACT	BILL_ID
BILL_ID	BILL_X_PAYMENT_BRIDGE	CFDFACT	BILL_ID
CUST_ACCT_ID	CUST_ACCT_D	CFDDIM	CUST_ACCT_ID
CUST_ID	CUST_ACCT_D	CFDDIM	CUST_ID
LAST_PYMNT_DT	BILL_X_PAYMENT_BRIDGE	CFDFACT	BILL_PYMNT_ALLOCATION_DTM
PYMNT_CNT	BILL_X_PAYMENT_BRIDGE	CFDFACT	PYMNT_ID

Table 6.26 PST_PD_SERVICE_ACTIVITY_B Table

Target Column	Source Table Name	Library Name	Source Column Name
ACTIVITY_STATUS_DT	BILL_CYCLE_D	CFDDIM	PREV_BILL_CYCLE_END_DAY_NUM
ACTIVITY_STATUS_DT	CALENDAR_D	CFDDIM	CAL_DT
ACTIVITY_STATUS_DT	SETUP_PARAM	CFDMISC	PARAM_NM
ACTIVITY_STATUS_DT	SETUP_PARAM	CFDMISC	PARAM_NM
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	BILL_CYCLE_CD
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_CD
BILL_CYCLE_DT	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_DT
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	CUST_ID
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	CUST_ID
PROD_ACCESS_CATEGORY_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_CATEGORY_CD
PROD_ACCESS_STANDARD_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_STANDARD_CD
PROD_ID	PRODUCT_D	CFDDIM	PROD_ID
SERVICE_CATEGORY_CD	SERVICE_D	CFDDIM	SERVICE_CATEGORY_CD
SERVICE_DELIVERY_TECH_CD	SERVICE_D	CFDDIM	SERVICE_DELIVERY_TECH_CD
SERVICE_FIRST_ACTIVATION_DT	SUBSCRIP_SERVICE_ACTIVITY_F	CFDFACT	SERVICE_FIRST_ACTIVATION_DT
SERVICE_ID	SERVICE_D	CFDDIM	SERVICE_ID
SERVICE_STATUS_CD	SUBSCRIP_SERVICE_ACTIVITY_F	CFDFACT	SERVICE_STATUS_CD
SERVICE_STATUS_CHNG_RSN_CD	SUBSCRIP_SERVICE_ACTIVITY_F	CFDFACT	SERVICE_STATUS_CHNG_RSN_CD
SUBSCRIP_ID	SUBSCRIP_D	CFDDIM	SUBSCRIP_ID

Table 6.27 PST_PD_SUBSCRIP_BILL_NONUSAGE_B Table

Target Column	Source Table Name	Library Name	Source Column Name
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	BILL_CYCLE_CD
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_CD
BILL_CYCLE_DT	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_DT
BILL_DT	BILL_CYCLE_D	CFDDIM	PREV_BILL_CYCLE_END_DAY_NUM
BILL_DT	CALENDAR_D	CFDDIM	CAL_DT
BILL_DT	SETUP_PARAM	CFDMISC	PARAM_NM
BILL_DT	SETUP_PARAM	CFDMISC	PARAM_NM
BILL_ID	BILL_NON_USAGE_F	CFDFACT	BILL_ID
BILL_NON_USG_AMT	BILL_NON_USAGE_F	CFDFACT	BILL_NON_USG_AMT
BILL_NON_USG_DISCOUNT_AMT	BILL_NON_USAGE_F	CFDFACT	BILL_NON_USG_DISCOUNT_AMT
CHRG_TYPE_CD	CHARGE_TYPE_D	CFDDIM	CHRG_TYPE_CD
CUST_ACCT_ID	CUST_ACCT_D	CFDDIM	CUST_ACCT_ID
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	CUST_ID
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	CUST_ID
OFFER_ID	OFFER_BUNDLE_D	CFDDIM	BASE_OFFER_ID
OFFER_ID	OFFER_D	CFDDIM	BASE_OFFER_ID
PROD_ACCESS_CATEGORY_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_CATEGORY_CD
PROD_ACCESS_STANDARD_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_STANDARD_CD
PROD_ID	PRODUCT_D	CFDDIM	PROD_ID
SERVICE_CATEGORY_CD	SERVICE_D	CFDDIM	SERVICE_CATEGORY_CD
SERVICE_DELIVERY_TECH_CD	SERVICE_D	CFDDIM	SERVICE_DELIVERY_TECH_CD
SERVICE_ID	SERVICE_D	CFDDIM	SERVICE_ID
SUBSCRIP_ID	SUBSCRIP_D	CFDDIM	SUBSCRIP_ID

Table 6.28 PST_PD_SUBSCRIP_INTERACTION_B Table

Target Column	Source Table Name	Library Name	Source Column Name
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	BILL_CYCLE_CD
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_CD
BILL_CYCLE_DT	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_DT
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	CUST_ID

Target Column	Source Table Name	Library Name	Source Column Name
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	CUST_ID
INTERACTION_CATEGORY_CD	CUST_COMPLAINT_F	CFDFACT	CUST_INTERACTION_CATEGORY_CD
INTERACTION_CATEGORY_CD	CUST_INQUIRY_F	CFDFACT	CUST_INTERACTION_CATEGORY_CD
INTERACTION_COMM_MEDIUM_CD	CUST_COMPLAINT_F	CFDFACT	CUST_COMM_MEDIUM_CD
INTERACTION_COMM_MEDIUM_CD	CUST_INQUIRY_F	CFDFACT	CUST_COMM_MEDIUM_CD
INTERACTION_DT	CUST_COMPLAINT_F	CFDFACT	CUST_INTERACTION_DTTM
INTERACTION_DT	CUST_INQUIRY_F	CFDFACT	CUST_INTERACTION_DTTM
INTERACTION_STATUS_CD	CUST_COMPLAINT_F	CFDFACT	COMPLAINT_RESOLUTION_STATUS_CD
INTERACTION_STATUS_CD	CUST_INQUIRY_F	CFDFACT	INQUIRY_STATUS_CD
INTERACTION_TYPE_CD	CUST_COMPLAINT_F	CFDFACT	COMPLAINT_TYPE_CD
INTERACTION_TYPE_CD	CUST_INQUIRY_F	CFDFACT	INQUIRY_TYPE_CD
SUBSCRIP_ID	SUBSCRIP_D	CFDDIM	SUBSCRIP_ID

Table 6.29 PST_PD_SUBSCRIP_LOYALTY_B Table

Target Column	Source Table Name	Library Name	Source Column Name
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	BILL_CYCLE_CD
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_CD
BILL_CYCLE_DT	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_DT
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	CUST_ID
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	CUST_ID
LOYALTY_BONUS_POINTS	LOYALTY_ACTIVITY_F	CFDFACT	LOYALTY_BONUS_POINTS
LOYALTY_POINTS	LOYALTY_ACTIVITY_F	CFDFACT	LOYALTY_POINTS
LOYALTY_SCHEME_ID	LOYALTY_SCHEME_D	CFDDIM	LOYALTY_SCHEME_ID
LOYALTY_TRANSACTION_DT	LOYALTY_ACTIVITY_F	CFDFACT	LOYALTY_TRANSACTION_DTTM
LOYALTY_TRANSACTION_TYPE_CD	LOYALTY_ACTIVITY_F	CFDFACT	LOYALTY_TRANSACTION_TYPE_CD
SUBSCRIP_ID	SUBSCRIP_D	CFDDIM	SUBSCRIP_ID

Table 6.30 PST_PD_USAGE_B Table

Target Column	Source Table Name	Library Name	Source Column Name
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	BILL_CYCLE_CD
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_CD
BILL_CYCLE_DT	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_DT
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	CUST_ID
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	CUST_ID
DURATION_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	DURATION_OF_CALLS
DURATION_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	DURATION_OF_SESSIONS
EVENT_DIRECTION_CD	EVENT_TYPE_D	CFDDIM	EVENT_DIRECTION_CD
EVENT_DSTN_ACCESS_CATEGORY_CD	EVENT_TYPE_D	CFDDIM	EVENT_DSTN_ACCESS_CATEGORY_CD
EVENT_TYPE_ID	EVENT_TYPE_D	CFDDIM	EVENT_TYPE_ID
NETWORK_OPERATOR_ID	EVENT_TYPE_D	CFDDIM	NETWORK_OPERATOR_ID
NETWORK_TYPE_CD	EVENT_TYPE_D	CFDDIM	NETWORK_TYPE_CD
NUM_OF_DROPPED_EVENT	EVENT_FAILURE_SUMMARY_F	CFDFACT	NUM_OF_DROPPED_CALLS
NUM_OF_DROPPED_EVENT	EVENT_FAILURE_SUMMARY_F	CFDFACT	NUM_OF_DROPPED_SESSIONS
NUM_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	NUM_OF_CALLS
NUM_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	NUM_OF_MESSAGES
NUM_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	NUM_OF_SESSIONS
NUM_OF_FAILED_EVENT	EVENT_FAILURE_SUMMARY_F	CFDFACT	NUM_OF_FAILED_CALLS
NUM_OF_FAILED_EVENT	EVENT_FAILURE_SUMMARY_F	CFDFACT	NUM_OF_FAILED_MESSAGES
NUM_OF_FAILED_EVENT	EVENT_FAILURE_SUMMARY_F	CFDFACT	NUM_OF_FAILED_SESSIONS
PROD_ACCESS_CATEGORY_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_CATEGORY_CD
PROD_ACCESS_STANDARD_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_STANDARD_CD
PROD_ID	PRODUCT_D	CFDDIM	PROD_ID
SERVICE_CATEGORY_CD	SERVICE_D	CFDDIM	SERVICE_CATEGORY_CD
SERVICE_DELIVERY_TECH_CD	SERVICE_D	CFDDIM	SERVICE_DELIVERY_TECH_CD
SERVICE_ID	EVENT_TYPE_D	CFDDIM	SERVICE_ID
SUBSCRIP_ACTIVATION_DT	SUBSCRIP_D	CFDDIM	SUBSCRIP_ACTIVATION_DT

Target Column	Source Table Name	Library Name	Source Column Name
SUBSCR_P_ID	SUBSCR_P_D	CFDDIM	SUBSCR_P_ID
TIME_BAND_CD	TIME_BAND_D	CFDDIM	TIME_BAND_CD
USG_DT	BILL_CYCLE_D	CFDDIM	PREV_BILL_CYCLE_END_DATE_NUM
USG_DT	CALENDAR_D	CFDDIM	CAL_DT
USG_DT	SETUP_PARAM	CFDMISC	PARAM_NM
USG_DT	SETUP_PARAM	CFDMISC	PARAM_NM
USG_REVENUE_AMT	USAGE_SUMMARY_F	CFDFACT	USG_REVENUE_AMT
VOL_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	VOL_OF_DATA
VOL_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	VOL_OF_MESSAGES

Table 6.31 PST_PD_USAGE_SUMMARY_B Table

Target Column	Source Table Name	Library Name	Source Column Name
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	BILL_CYCLE_CD
BILL_CYCLE_CD	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_CD
BILL_CYCLE_DT	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	BILL_CYCLE_DT
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE	CFDFACT	CUST_ID
CUST_ID	CUST_X_BILL_CYCLE_BRIDGE_TMP	CFDMISC	CUST_ID
DURATION_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	DURATION_OF_CALLS
DURATION_OF_EVENT	USAGE_SUMMARY_F	CFDFACT	DURATION_OF_SESSIONS
EVENT_DIRECTION_CD	EVENT_TYPE_D	CFDDIM	EVENT_DIRECTION_CD
EVENT_DSTN_ACCESS_CATEGORY_CD	EVENT_TYPE_D	CFDDIM	EVENT_DSTN_ACCESS_CATEGORY_CD
EVENT_TYPE_ID	EVENT_TYPE_D	CFDDIM	EVENT_TYPE_ID
LST_USG_DT	BILL_CYCLE_D	CFDDIM	PREV_BILL_CYCLE_END_DATE_NUM
LST_USG_DT	CALENDAR_D	CFDDIM	CAL_DT
LST_USG_DT	SETUP_PARAM	CFDMISC	PARAM_NM
LST_USG_DT	SETUP_PARAM	CFDMISC	PARAM_NM
NETWORK_OPERATOR_ID	EVENT_TYPE_D	CFDDIM	NETWORK_OPERATOR_ID
NETWORK_TYPE_CD	EVENT_TYPE_D	CFDDIM	NETWORK_TYPE_CD
NUM_OF_DROPPED_EVENT	EVENT_FAILURE_SUMMARY_F	CFDFACT	NUM_OF_DROPPED_CALLS
NUM_OF_DROPPED_EVENT	EVENT_FAILURE_SUMMARY_F	CFDFACT	NUM_OF_DROPPED_SESSIONS

Target Column	Source Table Name	Library Name	Source Column Name
NUM_OF_EVENT	USAGE_SUMMARY_F	CFDFAC T	NUM_OF_CALLS
NUM_OF_EVENT	USAGE_SUMMARY_F	CFDFAC T	NUM_OF_MESSAGES
NUM_OF_EVENT	USAGE_SUMMARY_F	CFDFAC T	NUM_OF_SESSIONS
NUM_OF_FAILED_EVENT	EVENT_FAILURE_SUMMARY_F	CFDFAC T	NUM_OF_FAILED_CALLS
NUM_OF_FAILED_EVENT	EVENT_FAILURE_SUMMARY_F	CFDFAC T	NUM_OF_FAILED_MESSAGES
NUM_OF_FAILED_EVENT	EVENT_FAILURE_SUMMARY_F	CFDFAC T	NUM_OF_FAILED_SESSIONS
PROD_ACCESS_CATEGORY_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_CATEGORY_CD
PROD_ACCESS_STANDARD_CD	PRODUCT_D	CFDDIM	PROD_ACCESS_STANDARD_CD
PROD_ID	PRODUCT_D	CFDDIM	PROD_ID
SERVICE_CATEGORY_CD	SERVICE_D	CFDDIM	SERVICE_CATEGORY_CD
SERVICE_DELIVERY_TECH_CD	SERVICE_D	CFDDIM	SERVICE_DELIVERY_TECH_CD
SERVICE_ID	EVENT_TYPE_D	CFDDIM	SERVICE_ID
SUBSCRIP_ACTIVATION_DT	SUBSCRIP_D	CFDDIM	SUBSCRIP_ACTIVATION_DT
SUBSCRIP_ID	SUBSCRIP_D	CFDDIM	SUBSCRIP_ID
TIME_BAND_CD	TIME_BAND_D	CFDDIM	TIME_BAND_CD
USG_REVENUE_AMT	USAGE_SUMMARY_F	CFDFAC T	USG_REVENUE_AMT
VOL_OF_EVENT	USAGE_SUMMARY_F	CFDFAC T	VOL_OF_DATA
VOL_OF_EVENT	USAGE_SUMMARY_F	CFDFAC T	VOL_OF_MESSAGES

