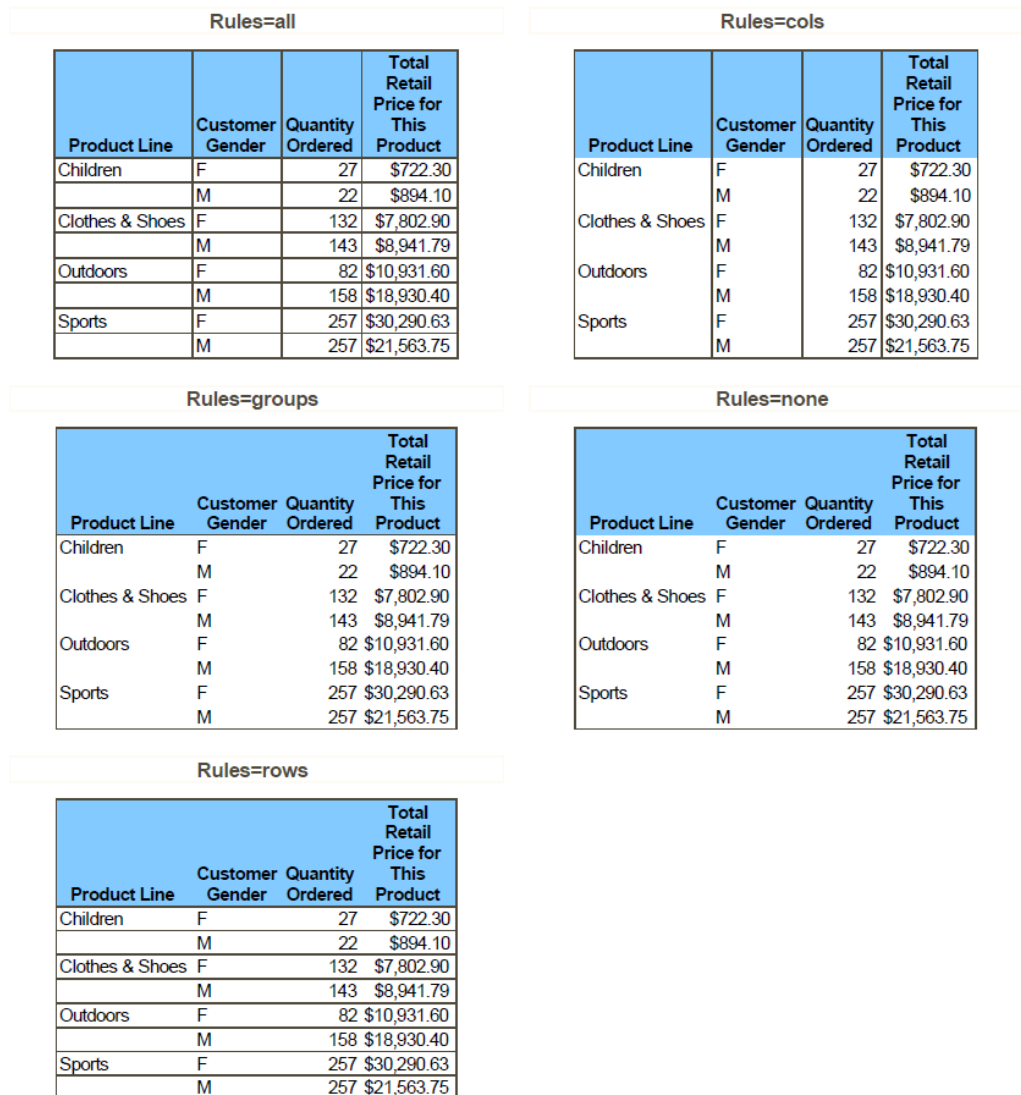


Chapter 6: Styles – How to Change a Report’s Appearance

Figure 6.1: Various Border Looks in ODS PDF Created by Changing the RULES= Attribute



Output 6.1: A Border is Placed under the Headers and between the Columns

Product Line	Customer Gender	Quantity Ordered	Total Retail Price for This Product
Children	F	27	\$722.30
	M	22	\$894.10
Clothes & Shoes	F	132	\$7,802.90
	M	143	\$8,941.79
Outdoors	F	82	\$10,931.60
	M	158	\$18,930.40
Sports	F	257	\$30,290.63
	M	257	\$21,563.75

Output 6.2: A Border Is Drawn to Distinguish the Last Column

Product Line	Customer Gender	Quantity Ordered	Total Retail Price for This Product
Children	F	27	\$722.30
	M	22	\$894.10
Clothes & Shoes	F	132	\$7,802.90
	M	143	\$8,941.79
Outdoors	F	82	\$10,931.60
	M	158	\$18,930.40
Sports	F	257	\$30,290.63
	M	257	\$21,563.75

Output 6.3: A Border is Inserted between Values of Product Line

Product Line	Customer Gender	Quantity Ordered	Total Retail Price for This Product
Children	F	27	\$722.30
	M	22	\$894.10
Clothes & Shoes	F	132	\$7,802.90
	M	143	\$8,941.79
Outdoors	F	82	\$10,931.60
	M	158	\$18,930.40
Sports	F	257	\$30,290.63
	M	257	\$21,563.75

Output 6.4: A Border Is Drawn under the ACROSS Variable Values

Product Line	Customer Age Group	F		M	
		Quantity Ordered	Total Retail Price	Quantity Ordered	Total Retail Price
Children	15-30 years	17	\$544.00	6	\$198.60
	31-45 years	7	\$140.50	11	\$473.00
	46-60 years	3	\$37.80	4	\$172.10
	61-75 years	.	.	1	\$50.40
Clothes & Shoes	15-30 years	52	\$2,496.90	4	\$425.40
	31-45 years	43	\$2,256.80	69	\$3,484.19
	46-60 years	22	\$2,046.00	35	\$2,299.20
	61-75 years	15	\$1,003.20	35	\$2,733.00
Outdoors	15-30 years	37	\$4,200.70	16	\$2,022.00
	31-45 years	31	\$5,602.50	66	\$6,115.20
	46-60 years	10	\$671.80	15	\$1,359.60
	61-75 years	4	\$456.60	61	\$9,433.60
Sports	15-30 years	129	\$17,763.91	43	\$2,834.99
	31-45 years	76	\$8,360.20	94	\$7,765.11
	46-60 years	26	\$2,610.20	60	\$5,723.85
	61-75 years	26	\$1,556.32	60	\$5,239.80

Output 6.5: A Border is Drawn Under a Spanning Header

Product Line	Customer Age Group	Order value	
		Quantity Ordered	Total Retail Price
Children	15-30 years	23	\$742.60
	31-45 years	18	\$613.50
	46-60 years	7	\$209.90
	61-75 years	1	\$50.40
Clothes & Shoes	15-30 years	56	\$2,922.30
	31-45 years	112	\$5,740.99
	46-60 years	57	\$4,345.20
	61-75 years	50	\$3,736.20
Outdoors	15-30 years	53	\$6,222.70
	31-45 years	97	\$11,717.70
	46-60 years	25	\$2,031.40
	61-75 years	65	\$9,890.20
Sports	15-30 years	172	\$20,598.90
	31-45 years	170	\$16,125.31
	46-60 years	86	\$8,334.05
	61-75 years	86	\$6,796.12

Output 6.6: Borders Separate the Header into Sections

Product Line	Customer Age Group	Order value	
		Quantity Ordered	Total Retail Price
Children	15-30 years	23	\$742.60
	31-45 years	18	\$613.50
	46-60 years	7	\$209.90
	61-75 years	1	\$50.40
Clothes & Shoes	15-30 years	56	\$2,922.30
	31-45 years	112	\$5,740.99
	46-60 years	57	\$4,345.20
	61-75 years	50	\$3,736.20
Outdoors	15-30 years	53	\$6,222.70
	31-45 years	97	\$11,717.70
	46-60 years	25	\$2,031.40
	61-75 years	65	\$9,890.20
Sports	15-30 years	172	\$20,598.90
	31-45 years	170	\$16,125.31
	46-60 years	86	\$8,334.05
	61-75 years	86	\$6,796.12

Output 6.7: Background Color of Retail Price Varies Based on What Value Range It Falls Into

Customer Country	Quantity Ordered	Cost Price Per Unit	Retail Price
Australia	210	\$4,851.35	\$17,321.49
Canada	105	\$2,293.80	\$11,951.08
Germany	106	\$4,065.55	\$15,394.60
Israel	28	\$516.95	\$1,559.50
South Africa	47	\$1,250.35	\$5,149.90
Turkey	43	\$1,656.15	\$5,175.80
United States	539	\$11,171.98	\$43,525.10

Output 6.8: Background Color Changes for Each Cell Based on Country

Customer Country	Quantity Ordered	Cost Price Per Unit	Retail Price
Australia	210	\$4,851.35	\$17,321.49
Canada	105	\$2,293.80	\$11,951.08
Germany	106	\$4,065.55	\$15,394.60
Israel	28	\$516.95	\$1,559.50
South Africa	47	\$1,250.35	\$5,149.90
Turkey	43	\$1,656.15	\$5,175.80
United States	539	\$11,171.98	\$43,525.10

Output 6.9: Rows with a Quantity Less Than 50 Are Red and Italic

Customer Country	Quantity Ordered	Cost Price Per Unit	Retail Price
Australia	210	\$4,851.35	\$17,321.49
Canada	105	\$2,293.80	\$11,951.08
Germany	106	\$4,065.55	\$15,394.60
<i>Israel</i>	<i>28</i>	<i>\$516.95</i>	<i>\$1,559.50</i>
<i>South Africa</i>	<i>47</i>	<i>\$1,250.35</i>	<i>\$5,149.90</i>
<i>Turkey</i>	<i>43</i>	<i>\$1,656.15</i>	<i>\$5,175.80</i>
United States	539	\$11,171.98	\$43,525.10

Output 6.10: Customer Group with Gold in the Name Are Highlighted

Customer Country	Customer Group Name	Quantity Ordered	Cost Price Per Unit	Mean Retail Price
Australia	Internet/Catalog Customers	13	\$429.60	\$106.13
	Orion Club Gold members	24	\$552.05	\$90.91
	Orion Club members	173	\$3,869.70	\$144.26
Canada	Internet/Catalog Customers	5	\$132.55	\$226.43
	Orion Club Gold members	30	\$653.65	\$215.99
	Orion Club members	70	\$1,507.60	\$217.08
Germany	Internet/Catalog Customers	48	\$1,695.55	\$261.84
	Orion Club Gold members	48	\$2,146.70	\$281.88
	Orion Club members	10	\$223.30	\$191.24
Israel	Internet/Catalog Customers	5	\$76.55	\$125.67
	Orion Club Gold members	2	\$77.65	\$79.30
	Orion Club members	21	\$362.75	\$73.14
South Africa	Orion Club Gold members	17	\$508.15	\$169.56
	Orion Club members	30	\$742.20	\$230.29
Turkey	Orion Club Gold members	7	\$432.25	\$234.00
	Orion Club members	36	\$1,223.90	\$190.75
United States	Internet/Catalog Customers	67	\$1,205.90	\$157.63
	Orion Club Gold members	180	\$4,247.60	\$150.27
	Orion Club members	292	\$5,718.48	\$134.53

Output 6.11: Color on the Diagonal

x	a	b	c
a	1	2	3
b	4	5	6
c	7	8	9

Output 6.12: Background Color Is Changed for Columns under an ACROSS

Customer Age Group												
	15-30 years			31-45 years			46-60 years			61-75 years		
Customer Country	Quantity Ordered	Cost Price Per Unit	Retail Price	Quantity Ordered	Cost Price Per Unit	Retail Price	Quantity Ordered	Cost Price Per Unit	Retail Price	Quantity Ordered	Cost Price Per Unit	Retail Price
Australia				104	\$1,879.80	\$6,607.59	44	\$1,107.10	\$3,450.90	62	\$1,864.45	\$7,263.00
Canada	44	\$911.45	\$6,124.58	31	\$979.20	\$4,146.40	18	\$286.15	\$1,158.90	12	\$117.00	\$521.20
Germany	8	\$195.85	\$496.90	32	\$1,530.75	\$5,711.60				66	\$2,338.95	\$9,186.10
Israel	2	\$77.65	\$158.60	13	\$244.15	\$645.30	13	\$195.15	\$755.60			
South Africa	36	\$883.60	\$4,169.60	8	\$224.65	\$687.70	3	\$142.10	\$292.60			
Turkey	11	\$554.85	\$1,655.60	29	\$1,029.55	\$3,333.50				3	\$71.75	\$186.70
United States	203	\$4,522.20	\$17,881.22	180	\$3,500.93	\$13,065.41	97	\$2,334.00	\$9,262.55	59	\$814.85	\$3,315.92

Output 6.13: Background Color Is Changed Based on Customer Country

Customer Age Group												
	15-30 years			31-45 years			46-60 years			61-75 years		
Customer Country	Quantity Ordered	Cost Price Per Unit	Retail Price	Quantity Ordered	Cost Price Per Unit	Retail Price	Quantity Ordered	Cost Price Per Unit	Retail Price	Quantity Ordered	Cost Price Per Unit	Retail Price
Australia				104	\$1,879.80	\$6,607.59	44	\$1,107.10	\$3,450.90	62	\$1,864.45	\$7,263.00
Canada	44	\$911.45	\$6,124.58	31	\$979.20	\$4,146.40	18	\$286.15	\$1,158.90	12	\$117.00	\$521.20
Germany	8	\$195.85	\$496.90	32	\$1,530.75	\$5,711.60				66	\$2,338.95	\$9,186.10
Israel	2	\$77.65	\$158.60	13	\$244.15	\$645.30	13	\$195.15	\$755.60			
South Africa	36	\$883.60	\$4,169.60	8	\$224.65	\$687.70	3	\$142.10	\$292.60			
Turkey	11	\$554.85	\$1,655.60	29	\$1,029.55	\$3,333.50				3	\$71.75	\$186.70
United States	203	\$4,522.20	\$17,881.22	180	\$3,500.93	\$13,065.41	97	\$2,334.00	\$9,262.55	59	\$814.85	\$3,315.92

Output 6.14: Attributes for Retail Price Based on Quantity Ordered

Customer Age Group												
	15-30 years			31-45 years			46-60 years			61-75 years		
Customer Country	Quantity Ordered	Cost Price Per Unit	Retail Price	Quantity Ordered	Cost Price Per Unit	Retail Price	Quantity Ordered	Cost Price Per Unit	Retail Price	Quantity Ordered	Cost Price Per Unit	Retail Price
Australia				104	\$1,879.80	\$6,607.59	44	\$1,107.10	\$3,450.90	62	\$1,864.45	\$7,263.00
Canada	44	\$911.45	\$6,124.58	31	\$979.20	\$4,146.40	18	\$286.15	\$1,158.90	12	\$117.00	\$521.20
Germany	8	\$195.85	\$496.90	32	\$1,530.75	\$5,711.60				66	\$2,338.95	\$9,186.10
Israel	2	\$77.65	\$158.60	13	\$244.15	\$645.30	13	\$195.15	\$755.60			
South Africa	36	\$883.60	\$4,169.60	8	\$224.65	\$687.70	3	\$142.10	\$292.60			
Turkey	11	\$554.85	\$1,655.60	29	\$1,029.55	\$3,333.50				3	\$71.75	\$186.70
United States	203	\$4,522.20	\$17,881.22	180	\$3,500.93	\$13,065.41	97	\$2,334.00	\$9,262.55	59	\$814.85	\$3,315.92

Output 6.15: Cells Highlighted on the Diagonal under an ACROSS Variable

	Customer Age Group			
Product Line	15-30 years	31-45 years	46-60 years	61-75 years
Children	14	11	3	1
Clothes & Shoes	35	62	35	27
Outdoors	33	61	18	35
Sports	90	99	49	44

Output 6.16: All Header Cells Have a Background of Green and Foreground of White

Product Category	Customer Gender	Quantity Ordered	Retail Price
------------------	-----------------	------------------	--------------

Output 6.17: The Gender Header Background Color Is Changed

Product Category	Customer Gender	Quantity Ordered	Retail Price
------------------	-----------------	------------------	--------------

Output 6.18: The Spanning Header Has a Green Background and White Foreground

		Sales Information	
Product Category	Customer Gender	Quantity Ordered	Retail Price

Output 6.19: The Label and Values for Gender Have a Yellow Background

	Customer Gender			
	F		M	
Product Category	Quantity Ordered	Retail Price	Quantity Ordered	Retail Price

Output 6.20: Each Gender Value Has a Different Background Color

	Customer Gender			
	F		M	
Product Category	Quantity Ordered	Retail Price	Quantity Ordered	Retail Price

Output 6.21: A Spanning Header Provides the ACROSS Label and Background Color

	Customer Gender			
	F		M	
Product Category	Quantity Ordered	Retail Price	Quantity Ordered	Retail Price

Output 6.22: The Row from the LINE Statement Has a Blue Background

Customer Group Name	Quantity Ordered	Retail Price
Australia		
Internet/Catalog Customers	13	\$1,061.30
Orion Club Gold members	24	\$1,545.50
Orion Club members	173	\$14,714.69
Canada		
Internet/Catalog Customers	5	\$679.30
Orion Club Gold members	30	\$3,239.80
Orion Club members	70	\$8,031.98
Germany		
Internet/Catalog Customers	48	\$6,545.90
Orion Club Gold members	48	\$7,892.50
Orion Club members	10	\$956.20
Israel		
Internet/Catalog Customers	5	\$377.00
Orion Club Gold members	2	\$158.60
Orion Club members	21	\$1,023.90
Turkey		
Orion Club Gold members	7	\$1,170.00
Orion Club members	36	\$4,005.80
United States		
Internet/Catalog Customers	67	\$5,516.95
Orion Club Gold members	180	\$16,079.02
Orion Club members	292	\$21,929.13
South Africa		
Orion Club Gold members	17	\$1,695.60
Orion Club members	30	\$3,454.30

Output 6.23: Each LINE Statement Has Its Own Attributes

Customer Group Name	Quantity Ordered	Retail Price
Australia		
Internet/Catalog Customers	13	\$1,061.30
Orion Club Gold members	24	\$1,545.50
Orion Club members	173	\$14,714.69
Canada		
Internet/Catalog Customers	5	\$679.30
Orion Club Gold members	30	\$3,239.80
Orion Club members	70	\$8,031.98
Germany		
Internet/Catalog Customers	48	\$6,545.90
Orion Club Gold members	48	\$7,892.50
Orion Club members	10	\$956.20
Israel		
Internet/Catalog Customers	5	\$377.00
Orion Club Gold members	2	\$158.60
Orion Club members	21	\$1,023.90
Turkey		
Orion Club Gold members	7	\$1,170.00
Orion Club members	36	\$4,005.80
United States		
Internet/Catalog Customers	67	\$5,516.95
Orion Club Gold members	180	\$16,079.02
Orion Club members	292	\$21,929.13

Output 6.24: Multiple Attribute Changes Are Applied to Every Cell – Partial Listing

		Order Date							
Product	Customer Groups	2003Q1	2003Q2	2003Q3	2003Q4	2003	2004Q1	2004Q2	2004Q3
Children	Orion Club Gold members							\$6.50	
	Orion Club members			\$131.00		\$131.00		\$21.80	\$75.20
	Totals			\$131		\$131		\$28	\$75
Clothes & Shoes	Internet/Catalog Customers		\$210.30	\$302.40		\$512.70			
	Orion Club Gold members	\$16.50	\$562.50	\$353.00	\$415.20	\$1,347.20	\$421.50	\$200.20	
	Orion Club members	\$75.00	\$767.40	\$465.80	\$1,080.30	\$2,388.50	\$307.30	\$167.50	\$382.70
	Totals	\$92	\$1,540	\$1,121	\$1,496	\$4,248	\$729	\$368	\$383
Outdoors	Internet/Catalog Customers	\$128.40		\$146.80		\$275.20	\$369.80		
	Orion Club Gold members	\$247.50	\$391.70	\$1,602.90	\$1,110.90	\$3,353.00		\$840.80	\$6.20
	Orion Club members	\$190.40	\$744.90	\$362.00	\$525.30	\$1,822.60	\$1,100.70	\$442.50	
	Totals	\$566	\$1,137	\$2,112	\$1,636	\$5,451	\$1,471	\$1,283	\$6
Sports	Internet/Catalog Customers	\$109.20	\$310.20	\$434.85		\$854.25		\$95.70	
	Orion Club Gold members	\$178.50	\$711.00	\$946.50	\$2,541.48	\$4,377.48	\$183.90	\$518.10	\$3,322.70
	Orion Club members	\$446.10	\$3,520.90	\$3,082.70	\$619.30	\$7,669.00	\$487.00	\$1,701.07	\$546.90
	Totals	\$734	\$4,542	\$4,464	\$3,161	\$12,901	\$671	\$2,315	\$3,870

Output 6.25: Every Other Row Has a Light Gray Background

Customer Country	Customer Group Name	Quantity Ordered	Total Retail Price for This Product
Australia	Internet/Catalog Customers	13	\$1,061.30
	Orion Club Gold members	24	\$1,545.50
	Orion Club members	173	\$14,714.69
Canada	Internet/Catalog Customers	5	\$679.30
	Orion Club Gold members	30	\$3,239.80
	Orion Club members	70	\$8,031.98
Germany	Internet/Catalog Customers	48	\$6,545.90
	Orion Club Gold members	48	\$7,892.50
	Orion Club members	10	\$956.20
Israel	Internet/Catalog Customers	5	\$377.00
	Orion Club Gold members	2	\$158.60
	Orion Club members	21	\$1,023.90
South Africa	Orion Club Gold members	17	\$1,695.60
	Orion Club members	30	\$3,454.30
Turkey	Orion Club Gold members	7	\$1,170.00
	Orion Club members	36	\$4,005.80
United States	Internet/Catalog Customers	67	\$5,516.95
	Orion Club Gold members	180	\$16,079.02
	Orion Club members	292	\$21,929.13

Output 6.26: HTML Output Inserted Unwanted Borders Between Rows

Product Line	Customer Gender	Quantity Ordered	Total Retail Price for This Product
Children	F	27	\$722.30
	M	22	\$894.10
Clothes & Shoes	F	132	\$7,802.90
	M	143	\$8,941.79
Outdoors	F	82	\$10,931.60
	M	158	\$18,930.40
Sports	F	257	\$30,290.63
	M	257	\$21,563.75

Output 6.27: Remove Border Lines between Groups in HTML Output

Product Line	Customer Gender	Quantity Ordered	Total Retail Price for This Product
Children	F	27	\$722.30
	M	22	\$894.10
Clothes & Shoes	F	132	\$7,802.90
	M	143	\$8,941.79
Outdoors	F	82	\$10,931.60
	M	158	\$18,930.40
Sports	F	257	\$30,290.63
	M	257	\$21,563.75

Output 6.28: Values For the Last Column Are Generated By a Formula

	A	B	C	D	E
1	Customer Age Group	Customer Gender	Quantity Ordered	Total Retail Price for This Product	Price per Unit
2	15-30 years	F	235	\$25,005.51	=D2/C2
3		M	69	\$5,480.99	\$79.43
4	31-45 years	F	157	\$16,360.00	\$104.20
5		M	240	\$17,837.50	\$74.32
6	46-60 years	F	61	\$5,365.80	\$87.96
7		M	114	\$9,554.75	\$83.81
8	61-75 years	F	45	\$3,016.12	\$67.02
9		M	157	\$17,456.80	\$111.19

Output 6.29: PREIMAGE= Places the Logo Above the Table

ABC 

Customer Type Name	n
Internet/Catalog Customers	76
Orion Club members high activity	115
Orion Club members medium activity	154
Orion Club Gold members high activity	65
Orion Club Gold members low activity	42
Orion Club Gold members medium activity	77
Orion Club members low activity	88

Output 6.30: POSTIMAGE= Places the Logo Below the Table

Customer Type Name	n
Internet/Catalog Customers	76
Orion Club members high activity	115
Orion Club members medium activity	154
Orion Club Gold members high activity	65
Orion Club Gold members low activity	42
Orion Club Gold members medium activity	77
Orion Club members low activity	88

ABC




**Output 6.31: The N Column Contains a Value and an Image**

Customer Type Name	n
Internet/Catalog Customers	76
Orion Club members high activity	115
Orion Club members medium activity	154
Orion Club Gold members high activity	65 ✓
Orion Club Gold members low activity	42 ✓
Orion Club Gold members medium activity	77 ✓
Orion Club members low activity	88

Output 6.32: A COMPUTED Columns Contains an Image

Customer Type Name	n	
Internet/Catalog Customers	76	
Orion Club members high activity	115	
Orion Club members medium activity	154	
Orion Club Gold members high activity	65	✓
Orion Club Gold members low activity	42	✓
Orion Club Gold members medium activity	77	✓
Orion Club members low activity	88	


Output 6.33: A Separate Image Is Displayed for Each ORDER_TYPE Value

Order Type	
Catalog Sale	
Internet Sale	
Retail Sale	









Output 6.34: Each ORDER_TYPE Value Has a Unique Background Image

Order Type
Catalog Sale 
Internet Sale 
Retail Sale 


Output 6.35: PDF Designates the Flyover for the Hyperlinked Cell with a Note Icon

 Customer Type Name	n
Internet/Catalog Customers	76
Orion Club members high activity	115
Orion Club members medium activity	154
Orion Club Gold members high activity	65
Orion Club Gold members low activity	42
Orion Club Gold members medium activity	77
Orion Club members low activity	88

Output 6.36: Each N Cell Has a Hyperlink and a Flyover Note Icon

Customer Type Name	 n
Internet/Catalog Customers	 76
Orion Club members high activity	 115
Orion Club members medium activity	 154
Orion Club Gold members high activity	 65
Orion Club Gold members low activity	 42
Orion Club Gold members medium activity	 77
Orion Club members low activity	 88

Output 6.37: Each Customer Type Value Links to a Different File

Customer Type Name	n
Internet/Catalog Customers	76
Orion Club members high activity	115
Orion Club members medium activity	154
Orion Club Gold members high activity	65
Orion Club Gold members low activity	42
Orion Club Gold members medium activity	77
Orion Club members low activity 	88

Output 6.38: HTML Indicates Each Cell Is a Hyperlink

Customer Type Name	n
Internet/Catalog Customers	76
Orion Club members high activity	115
Orion Club members medium activity	154
Orion Club Gold members high activity	65
Orion Club Gold members low activity	42
Orion Club Gold members medium activity	77
Orion Club members low activity	88

Output 6.39: TEXTDECORATION= Helps Distinguish Links in PDF Cells

Customer Type Name	n
Internet/Catalog Customers	76
Orion Club members high activity	115
Orion Club members medium activity	154
Orion Club Gold members high activity	65
Orion Club Gold members low activity	42
Orion Club Gold members medium activity	77
Orion Club members low activity	88