Enhancements to SAS/GRAPH® in V9
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PROC GBARLINE (EXPERIMENTAL)

GBARLINE (Bar Line Overlay) is a new experimental procedure in V9. It enables the creation of a chart consisting of ungrouped vertical bars with line plot overlays. This initial release only allows the creation of ODS output graphics for device of ACTIVEX or ACTXIMG. For example, the following code produces a bar line overlay plot:

```sas
ods listing close;
ods html body="c:\temp\BarLineOverlay.html";
goptions device=activex xpixels=1000;

data advertising;
  format Revenue dollar12.;
  input Media $ 1-18 Year Revenue Share Growth;
  datalines;
  Newspapers 1985 25170 26.6 11
  Magazines 1985 5155 5.4 6
  Farm Publications 1985 186 0.2 11
  Broadcast TV 1985 20298 21.4 22
  Cable 1985 724 0.7 6
  Radio 1997 13491 7.2 98
  Direct Mail 1985 5800 6.1 2
  run;

title1 "Advertising Revenue Growth";

proc gbarline data=advertising;
  bar media / sumvar=Revenue;
  plot growth;
run;
quit;

ods html close;
ods listing;
```

Output-10

AREA BAR CHART

Area bar graphs are the only variation of bar graphs in which the width of the bars is significant. In the area bar graph, the widths of the bars are proportional to some measure or characteristic of the data element represented by the bars. In V9, PROC GAREABAR is only supported for ACTIVEX and ACTXIMG device drivers.

```sas
ods listing close;
ods html file='areabar.html';
goptions dev=activex;
data widget;
  input product $ 1-18 Year Revenue Share Growth;
  datalines;
  WidgetA 1985 2021 2 10
  WidgetA 1986 1021 3 10
  WidgetA 1987 2021 4 10
  WidgetB 1985 1021 5 10
  WidgetB 1986 1021 6 10
  WidgetB 1987 1021 7 10
  run;

proc gareabar data=widget;
  hbar product * widgets / sumvar=percent
group=office
  wstat=percent;
run;
quit;
ods html close;
ods listing;
```

In Output-11, the percentage of widgets sold is the width variable and the response is the percent of a location’s sales for that particular widget.
CONTACT INFORMATION
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