

Quick Results With SAS/GRAPH® Software

This one day seminar is designed for students who are familiar with the DATA and PROC steps of base SAS and who want to learn how to use SAS/GRAPH software to produce presentation quality graphs. The course will discuss various aspects of the construction of graphs and will include discussion of plotting and graphing procedures. Text statements and options used to enhance the appearance of the graphs will be presented.

Graphics Options and Settings

- Code used to set up the local environment

Titles and Footnotes

- Titles and Footnotes
- Machine fonts
- Font, color, and size
- Rotate and angle
- Subscripts and superscripts

Using PROC GPLOT

- Using PROC GPLOT
- Simple GPLOT example

AXIS Statements

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- GPLOT with LOG scaling

SYMBOL Statements and LEGEND Statements

- SYMBOL Statements
- Unformatted and Formatted SAS dates
- Controlling dates
- Automatic legend
- LEGEND Statements
- Positioning a legend using POSITION and ORIGIN
- Controlling legend text

Overlaying Plots

- OVERLAY option and SYMBOL statements

Using PROC GCHART

- Using PROC GCHART
- Vertical bar histogram without midpoints
- Histogram using uneven midpoints
- Histogram built using GPLOT

Box Plots

- GPLOT using I=BOX10
- Box plots constructed using DATA step

Techniques to Avoid

- Stacked bar charts
- Plots in layers
- Nonaligned axes

Redisplaying Graphs Using GREPLAY (Time Permitting)

An Introduction to the ANNOTATE Facility (Time Permitting)