



Advanced ODS Graphics

One Day

Audience

Existing users of SAS language who have foundation knowledge of ODS Graphics and wish to learn further techniques for producing publication quality data visualisations, using the latest release of SAS software.

Attendees should expect to program with new procedures and functionality introduced in SAS 9.2 and SAS 9.3.

Prerequisites

This course is intended for those who have previously attended both the Amadeus SAS Fundamentals and Fundamental ODS Graphics courses or equivalent.

Objectives

After one day of instructor lead tuition attendees will be able to:

- Work with statements in Graph Template Language to customise the layout of graphics
- Understand the relationship between Graph Template Language and the ODS Graphics Designer and what they can be used to achieve
- Use the ODS Graphics annotate facility to customise the appearance of graphical outputs
- Customise graphical outputs produced by other SAS procedures by working with pre-defined graph templates



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Topics

AG1 Customising Graphics Templates

- > Introduction
- > Capturing GTL Code
- > Creating a Template
- > Using a Graphics Template
- > Parameterising Templates
- > Titles and Footnotes
- > Conditional Logic in Template Definitions
- > Template Stores

AG3 SAS-Supplied Templates

- > Introduction
- > Customising SAS-Supplied Templates

AG2 Graphics Template Language (GTL)

- > Introduction
- > Basic Structure of a Template Definition
- > Layouts
- > Axes
- > Plot Statements
- > Attribute Maps (Optional)
- > Legends (Optional)
- > Text (Optional)
- > Special GTL Functions (Optional)

AG4 Annotating Graphs

- > Introduction
- > Drawspaces and Co-ordinate Systems
- > Creating Annotate Data Sets from First Principles
- > Creating Annotate Data Sets Using Macros
- > DRAW Statements in GTL (Optional)
- > The ANNOTATE Statement in GTL