



Base 3 Systems delivers knowledge

Through exceptionally well-documented training courses delivered by highly qualified instructors, re-enforced with relevant industry specific exercises and, if required, one to one mentoring.

About Base 3 Systems

Base 3 Systems is an established, highly regarded Software Consultancy and SAS Institute Consulting Alliance Partner, specialising in solutions to business problems using SAS® Software.

Our instructors are all experienced SAS consultants who have been using SAS software for many years. The approach we use is to tackle learning needs by reinforcing the technical information delivered on our training courses with comprehensive practical sessions, leading to much more workshop based, rather than 'stand and deliver' courses.

Our standard courses are appropriate for a wide range of abilities and centre around the core of the SAS System. All are developed with MS Windows in mind, however, they can be tailored to suit your operating system requirements.

The costs of courses are extremely competitive and will vary according to number of attendees, duration of course and individual requirements. Please note that, unlike our competitors, we do not offer public courses. Instead, our standard courses are delivered exclusively to your organisation at public course prices.



Base 3 Systems Head Office and Training Rooms

SAS® Graph

Course Aims

After attending this course, attendees should be able to: produce a wide range of graphical reports using SAS/Graph software; extend basic SAS/Graph functionality with the ANNOTATE facility; and use SAS/Graph software to enhance tabular reporting and generate web-ready reports.

Duration

3 days

Required Knowledge

Attendees should have attended Programming with SAS or have at least five months experience of programming with the SAS System.

SAS® Graph - Concepts Covered

Basics

- *What is SAS/Graph?*
- *SAS/Graph Features*
- *Graphics generation with SAS/Graph Software*

Text & SAS/Graph

- *The GSLIDE Procedure*
- *Controlling Text with Graphics Options*

Plotting Data

- *The GPLOT Procedure*
- *Lines & Symbols*
- *Axes*
- *Legends*

Producing Charts

- *The GCHART Procedure*
- *Bar Charts*
- *Pie Charts*
- *Midpoints*
- *Chart Statistics*
- *Groups & Subgroups*
- *Customising Charts*

Replaying Graphs

- *The GREPLAY Procedure*
- *Graph Storage*
- *Templates*

Graphics Output & External Files

- *The GDEVICE Procedure*
- *Sending SAS/Graph Output to External Files & Printers*

Customising Graphics Output

- *The ANNOTATE Facility*
- *ANNOTATE Variables*
- *Annotating Plots & Charts*

Additional Topics

- *Generating Web-ready Graphical Reports with ODS*
- *Combining Tabular & Graphical Reports*

