



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

Tabular Reporting with the SAS® System

Course Aims

After attending this course, attendees should be familiar with the different methods of creating tabular reports with the SAS System and be able to choose the appropriate method for a particular report.

Duration

2 days

Required Knowledge

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

Tabular Reporting with the SAS® System - Concepts Covered

Fundamental Steps of Report Building

- *Report Layout, Composition & Physical Format*
- *Methods of Report Generation*
- *Preparing/Pre-summarising Data*
- *Useful System Options*

Proc Means

- *Statistics*
- *Class & Analysis Variables*
- *Controlling Interactions*
- *Output Datasets*

Proc Tabulate

- *Dimensions*
- *Crossings*
- *Concatenations*
- *Formatting*
- *Summary Reports*
- *Specifying Statistics*

Proc Report

- *Specifying Available Variables & their Usage*
- *Detail Reports*
- *Summary Reports*
- *Customising the Appearance of a Report*
- *Report Storage & Retrieval*
- *Specifying Statistics*
- *Creating New Variables with Compute Blocks*
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Reporting with the DATA Step

- *File & Put Statements*
- *Absolute & Relative, Line & Column Pointers*
- *Using Label Blocks*
- *Dynamic Line & Page Control*

Using ODS

- *Output Objects*
- *Output Destinations*
- *Selecting Output Objects*
- *Working with Style Definitions*
- *Generating HTML & RTF Reports*

Web-Ready Reports

- *Modifying Style Attributes: Proc Report & Tabulate*
- *Combining Tabular & Graphical Reports*
- *User-created Output Objects*
- *Traffic Lighting with Proc Format*

