

Generating Reports with the SAS System

Course Summary

Description

This is a foundation course that focuses on the Base SAS System and how to write programs that accomplish basic data processing tasks.

Topics

- Basic SAS Concepts
- SAS Dates
- Accessing Data
- Processing Data
- Storing Data
- Analyzing Data
- Generating Basic Reports

Audience

This course is intended for two groups of students: those who are brand new to the SAS System, and those who have been using the SAS System for a few years, but want to fill in the 'gaps' in their SAS report writing knowledge.

Prerequisites

There are no prerequisites for this course.

Duration

One day

Generating Reports with the SAS System

Course Outline

I. Introduction to Report Writing with the SAS System

- A. What is a report
- B. Types of Reports generated with SAS, Report Writing options
- C. Introduction to the Output Delivery System (ODS)
- D. An in depth look at the PRINT procedure
- E. Utility procedures, such as PROC SORT and PROC FORMAT, for enhancing reports
- F. Exercises

II. Graphic Reports

- A. An introduction to SAS/Graph
- B. PROC GPLOT and PROC GCHART and how to get fairly nice graphical reports generated quickly
Exercises

III. Summary Reports

- A. An introduction to summarizing data
- B. Summary procedures
- C. Using the FREQ procedure
- D. Using the MEANS/SUMMARY procedure
- E. Proc TABULATE
- F. Generating summary reports with the REPORT procedure
- G. A quick look at ODS
- H. Exercises