



Business and Technology ConsultingSM
Education Solutions

Getting Started with SAS[®] Software for Non-Programmers

Course Length: 2 days **CEUs** 1.2

Format: Hands on Training

AUDIENCE

This introductory course teaches the basics of SAS Software in a point and click setting. It is designed for use on the Windows, OS/2 and UNIX operating systems. This basic course is designed for non-programmers with no prior SAS Software experience.

BENEFITS

This course will teach you how to process data in SAS Software using menu-driven methods. It will show you how to read, modify, summarize data and create reports using the SQL Query window and the REPORT window. It also demonstrates the use of the SAS Import/Export Facility.

PREREQUISITES

No SAS background is required. Candidates should be comfortable using point and click features in a Windows or UNIX environment. They should be familiar with logging on and off their operating systems and with the use of a keyboard and mouse.

COURSE TOPICS

Introduction

- What is the SAS System and basic concepts
- Using the Display Manager
- Loading SAS/ASSIST[®]
- Working with and managing SAS data sets
- Importing and exporting data
- Formats and Informats
- SAS naming conventions and linking to SAS data libraries

Using the SQL Query Window to Manage Data

- SQL Query Window basics
- The Query environment: profile overview, saving queries
- Design Reports From Query Results
- File PMENU features
- Saving Queries, using existing queries
- Actions PMENU: running and viewing Queries
- Locals PMENU: Tables, Columns, Group By, Having, Where
- Joining Tables
- Working with profiles in the SQL Query Window

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Report Writing

- Creating reports using the REPORT window
- Listing and grouping data
- Enhancing reports and working with report definitions
- Creating, ordering data and generating totals
- Interactive report generation
- Displaying descriptive statistics on reports
- Creating Bar Charts, Pie Charts and Plots
- Exporting graphics

Data Analysis

- Summary Statistics, Confidence Intervals and Frequency Tables
- Regression, Multivariate and Interactive Data Analysis

The SAS System Workplace

- New Display Manager Interface
- Display Manager Operations