



SAS SQL Course Outline

Audience:

SAS® Programmers who wish to know the benefits and role of SQL Programming within the SAS System.

Prerequisites:

To take this course, you should have taken the SAS Fundamentals course and have some experience of SAS programming.

Objectives:

This course covers Proc SQL in detail, concentrating on the use of SQL for existing SAS Programmers. Traditional SAS Data steps and Proc steps are compared with using Proc SQL and efficiency issues are discussed.

Duration:

1 Day.

COURSE TOPICS

Q1 Introduction to Proc SQL

- Introduction to Proc SQL
- Concepts
- The SAS Data Model

Q2 Selecting Data

- The Select Statement
- Controls and Enhancements
- Analysis on Groups
- Syntax Summary

Q3 Combining Data

- Inner Joins
- Outer Joins
- Other Joins
- Subqueries
- Set Operations

Q4 Creating Data

- Creating Tables, Views and Indexes
- Changing Data in Tables
- Changing the Structure of Tables
- Further Topics

