Manipulating Data with SAS Functions and Arrays

Course Summary

Description

This course is a one-day subset of the SAS II course. It focuses solely on the DATA step and sheds much light on the power and functionality of the many Functions on the SAS System. An in-depth look is given to the Arrays, how to create them, how they work, and how to manipulate data with them. Includes many new SAS9 functions.

Topics

- Introduction to Data Manipulation Days
- SAS Functions
- DO Loops
- Arrays

Audience

This course is designed for beginning to intermediate users of SAS software who want to gain a deeper understanding of the art of transforming and manipulating data. This course focuses on the DATA step and goes into a great deal of detail on it's inner workings

Prerequisites

Students should have at least six months of experience using the SAS System, or have completed a fundamentals course in SAS programming.

Duration

One Day
Manipulating Data with SAS Functions and Arrays

Course Outline

I. Introduction to Data Manipulation Days
   A. The Structure of SAS Data Sets
   B. Processing Data with the SAS System.

II. SAS Functions
   A. Introduction to Functions
   B. Manipulating Numeric Data
   C. Manipulating Character Data
   D. Data Conversion
   E. Other Very Useful Functions

III. DO Loops
   A. Introduction to Iterative Processing
   B. Reading Data with DO Loops
   C. Generating Data with DO Loops

IV. Arrays
   A. Introduction to Arrays
   B. Array Applications