Introduction to the SAS Macro Facility

Course Summary

Description

The course is mostly lecture with some time for exercises, demonstrations and working on problems students bring to class.

Topics

- Introduction
- SAS Macro Variables
- SAS Macro Programs
- Macro Facility Interfaces
- Using Macro Variables as Prompts

Audience

This course is designed for SAS users who have taken an introductory level course and want to further their SAS skills.

Prerequisites

Students should take ProTech’s Introductory SAS course.

Duration

One day
Introduction to the SAS Macro Facility

Course Outline

I. Introduction
   A. Course Overview
   B. The Purpose of the Macro Language
   C. Course objectives
   D. How the Macro Language Affects SAS Processing
   E. Summary

II. SAS Macro Variables
   A. Processing the Macro Language
   B. Macro Variables
   C. Quoting in the Macro Facility
   D. Macro Functions
   E. Exercises
   F. Summary

III. SAS Macro Programs
   A. Building SAS Macros
   B. Passing Information To and From Macro Programs
   C. Macro System Options
   D. Conditional Processing
   E. Local and Global Symbol Tables
   F. Exercises
   G. Summary

IV. Macro Facility Interfaces
   A. Creating Macro Variables in the DATA step
   B. Table Driven Applications
   C. Exercises
   D. Summary

V. Using Macro Variables as Prompts
   A. Creating ways to prompt users for information in different SAS environments