

Version 8 Changes and Enhancements

Duration: 2.0 days

CEUs: 1.2

AUDIENCE

This course is designed to show individuals the major changes and enhancements provided with Version 8 of SAS Software. Changes made to several products will be discussed which will affect reporting, data manipulation, graphing and application development.

BENEFITS

Students will learn the major changes in SAS Software, including the introduction of the Output Delivery System, long naming conventions and improved performance. Students will be able to:

- Navigate the new Display Manager interface
- Use the Enhanced Editor to catch syntax errors
- Create reports and graphs in web output HTML form
- Use the Results and Explorer windows in SAS
- Use new SAS procedures
- Use new SAS/ACCESS[®] features on databases
- Create generation data sets and integrity constraints

PREREQUISITES

Programming I: SAS Essentials or equivalent understanding, and be able to:

- Create and submit SAS programs
- Work with SAS data sets
- Create output with SAS Software

COURSE TOPICS

Overview of the SAS System Changes and Enhancements

- SAS Output: Output Delivery System
- Long variable names and mixed case names
- Maximum lengths for labels and character values
- Logically concatenating SAS libraries and catalogs
- Direct Access to SAS data files without librefs
- New OPTIONS
- Integrity constraints
- Indexing enhancements
- Compressed files enhancements
- SAS Explorer window
- Windowing environment: multiple SAS processes
- External file interface
- Import/Export wizard
- SAS Registry editor
- Results window

Changes in Base SAS

- Data set options
- Format changes
- Functions and CALL Routines
- Informats
- New and enhanced statements
- System options
- Partial list of file extensions and their corresponding SAS member types

Changes That Affect Multiple Procedures

- Weight handling
- PROC IMPORT, EXPORT, REGISTRY
- Changes to existing procedures
- PROC CATALOG, CIMPORT, CPORT, DATASETS, FORMAT, FREQ, MEANS
- CLASS Statement changes
- New OUTPUT Statement options
- New statistics
- Classdat, types and ways Example
- PROC OPTIONS, PMENU, PRINT, REPORT, SQL, STANDARD, SUMMARY, TABULATE, UNIVARIATE
- Embedded libname
- New automatic macro variables

Converting Existing Libraries New Display Manager Interface Output Delivery System

- ODS HTML, RTF, PDF, Listing
- HTML Statements
- Defining STYLES
- Using Proc Template
- Java and Active X Support
- Using styles in procedures
- Traffic lighting
- Hyperlinks in graphs and reports

TOPICS BY ADVANCE REQUEST

SAS/ACCESS[®] Changes and Enhancements
SAS/CONNECT[®] Changes and Enhancements
SAS/SHARE[®] Changes and Enhancements
SAS/ETS[®] Changes and Enhancements
SAS/GRAPH[®] Changes and Enhancements
SAS/STAT[®] Changes and Enhancements
CMS Changes and Enhancements
Windows Changes and Enhancements
OS2 Changes and Enhancements
MVS/OS 390 Changes and Enhancements
OpenVMS Changes and Enhancements
UNIX Changes and Enhancements

Software Used: SAS Software Version 8