Customized Reports with SAS® Output Delivery System

COURSE DESCRIPTION

This course is for SAS users who would like to take advantage of the Output Delivery System (ODS) to customize reports. Students will be introduced to the basics of ODS, and will then learn how to enhance reports with and without PROC TEMPLATE. This course will unlock the mysteries associated with identifying which style elements should be modified in order to improve the formatting of customized reports. A variety of output destinations (file types) will be explored, including rich text format (RTF), portable document file (PDF) and HTML. Along with the course notes, students will receive the decision tree process guide for using style definitions and table templates. See *Quick Results with the Output Delivery System* book.

OUTLINE

I. Introduction
❑ **What is significant about ODS?**
❑ **Defining Output Destinations, Selecting Output Objects, Creating Output Reports**
❑ **How to use Templates**
II. Defining Output Destinations
❑ **Opening and Closing Output Destinations**
❑ **Selecting Multiple Destinations & Objects**
❑ **Selecting Different Objects for Different Destinations**
❑ **Using ODS Statements, Default Settings for Output Generation**
III. Selecting Output Objects
❑ **Understanding How Objects work**
❑ **Identifying Objects from SAS Log**
❑ **Selecting Objects to Include in Output Result**
❑ **Messages to SAS LOG from ODS**
IV. Creating Output Reports
❑ **Basic Output Report by Default Settings**
❑ **Listing Report**
❑ **Printer Report**
❑ **Output (SAS Data set)**
❑ **HTML Report**
V. Customizing Reports without Templates
❑ **Customize Labels with ODS ProcLabel**
❑ **Efficient Data Analysis with ODS**
❑ **Custom Formats in RTF Files**
❑ **Applying Style Syntax in Proc Tabulate, Proc Report and Proc Print**
VI. How to use Templates
❑ **Understanding How Templates Work**
❑ **Proc Template Syntax**
❑ **What is the Default Template?**
❑ **Options to Customize Templates (Table, Style) using a Decision Tree Table**
❑ **Setting the Search Path for Report Templates**
❑ **What is Report Style?, Creating Customizing Styles using the Style Editor**
VII. ODS Programs by Example
VIII. Summary
IX. Output Object Reference By Procedure

Course Length: 4-Hours Course