

SAS Online Training

INTRODUCTION

- Introduction to SAS Integrated Systems.
- Components of SAS System.
- SAS Runs on Different Platforms.
- Use of Different Platforms.
- Accessing the data from External Source.
- Other Integrations.
- Accessing the Data from different sessions.
- Real-time monitoring in SAS with server integrations.
- Working with structure of SAS.

Working in the SAS Environment

- Defining and managing SAS Windows.
- Creating and managing SAS Libraries.
- Overview of SAS Data states.
- Types of Libraries.
- Storing files temporarily and permanently.
- Referencing SAS files.

CREATION DATABASE FROM RAWDATA

- Steps to create a SAS dataset.
- Referencing a SAS data library.
- Referencing a SAS data library.
- Using different statement to get data.
- Referencing a Raw data file.
- Writing a data step program.

CREATING AND REDEFINING VARIABLES

- Use with different conditional statements.

DEBUGGING & INTERPRETING ERROR MESSAGES

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AUTOMATIC VARIABLES

- Use of automatic variables.
- Types of automatics variables.
- Use of `_N_`, `_ERROR_`, `_NULL_`.
- Testing your programs.
- Using put statement.
- Automatic Variable.

ENHANCING YOUR OUT WITH ODS

- Concepts of out put delivery system.
- How ODS works and viewing output of ODS in different format.
- HTML, RTF, PDF etc..

COMBINATION THE SAS DATASETS

- One-o-one reading, Concatenation, Interleaving, Match merge, Function.

SAS/SQL (MODULE-3)

- Introduction to SQL.
- Understanding SQI through SAS.
- Using procedure SQL statements.
- SQI Statements.

PROCEDURES IN BASE SAS

- Procedure Print.
- Procedure Format.
- Procedure Contents.
- Procedure Options.
- Procedure Append.
- Procedure Compare.
- Procedure Transpose.
- Procedure Options.
- Procedure Import.
- Procedure Export.
- Procedure Forms.
- Procedure Datasets.
- Procedure Format.
- Procedure Tabulate.
- Procedure Explode.
- Procedure Chart, Gchart, Gplot.
- Procedure Report.

ADVANCED PROGRAMMING MACROS

- Introduction to Macros.
- Defining Macro facility.
- Generating SAS code using Macros.
- Placing text using Macro variable.
- Passing Macro Elements.
- Macro Execution Process.
- Macro Statements.
- Quoting Function.
- Quoting Function.
- SAS System options.

GRAPHS (MODULE-4)

- Introduction to graphics.
- Introduction to graphics.
- Types of Graphics (with latest models)
- Defining procedure Graphics.

SAS / ACCESS (MODULE-5)

- Introduction of SAS/ CONNECT.
- Single user.
- Multi user.
- Remote SQL pass through services.
- Data transfer services.
- SAS/CONNECT system options.
- Starting and stopping SAS/ CONNECT.
- Post installation setup for SAS/ CONNECT software.

SAS/ STATISTICS (MODULE-10)

- Correlation analysis.
- Regression Analysis
- Mean.
- Univeriant.
 - ANOVA for one-way analysis of variance.
 - GLM METHOD.
- Post installation setup for SAS/ CONNECT software.