



Training | Consulting | Development | Outsourcing



Salesforce Lightning

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SAS Base & Advanced Training

Course Overview:

This course will provide you with the required experience in programming and data management using SAS to be able to import and export raw data files, manipulate and transform data, combine SAS data sets, create basic detail and summary reports using SAS procedures, and identify and correct data, syntax and programming logic errors. Advance SAS (Statistical Analysis System) training enables you to explore the depth and width of SAS knowledge. The training takes you to the higher level of data analysis helping enterprises in taking advantage of business intelligence

Course Outline:

PART-I BASE SAS:

- Introduction To SAS System & Architecture History And Various Modules
- Variables & SAS Syntax Rules
- SAS Data Sets
- Data Set Options
- Operators If – Then Else Statement Where Statement
- Creating & Redefining Variables
- Reading Raw Data
- Infile Statement With Options
- Multiple Observations and Multiple Datasets.
- Input Styles
- SAS Functions
- Select Statement
- Do Loops
- Output Statement & Put Statement
- Stop And Error Statement s
- Array Statement
- Modifying And Combining Data Sets
- Updating Master Data Set Key Board
- Macros & Add Abbreviat ions

BASE SAS PROCEDURES

- Proc Sort
- Proc Print
- Proc Means
- Proc Freq
- Proc Plot
- Proc Chart
- Proc Compare
- Proc Copy
- Proc Summary
- Proc Append
- Proc Datasets
- Proc Contents
- Proc Delete
- Proc Format
- Proc Printto

SAS / ODS:

- Creating Rtf File
- Creating Html File
- Creating Pdf File
- Creating Xml File

PART –II ORACLE-SQL CONCEPTS:

- Introduction History Features Sql Command
- Set Operators In Sql
- Order By Clause
- Group By Clause
- Having Clause
- Distinct Clause
- Create and Insert Deleting,
- Populating And Updating

SAS / SQL:

- Introduction To SAS / SQL
- Features & Uses Terminology Data Types,
- Key Words, & Operators
- Functions,
- Predicate s & Functions
- Formatting Output Group By Clause,
- Order By Clause & Having Clause
- Case Expression and Conditional Logic.
- Creating, Populating & Deleting Tables
- Alter Table Statement
- Renaming A Table & Columns
- Changing Column's Length Joins & Views

SAS / ACCESS :

- Import & Export Procedures
- Importing data from Ms-Access & Ms-Excel
- Importing data from Oracle data base
- DbLoad Procedure

SAS / GRAPH :

- Gchart Procedure Vertical, Horizontal,
- Pie Donut Group, Subgroups
- Gplot Procedure
- Mutliple Plots & Overlay
- Symbol Statement
- Title and Footnote Statements
- Goptions

SAS / MACROS :

- Macro Concepts Macros And Macro Variables
- Creating Macro Variables Using Macro Variables
- Creating Modular Code With Macros
- Invoking A Macro Adding Parameters To Macros
- Macros With Conditional Logic Using Various Procedures In Macros

- Automatic Variables
- Macro Functions

Prerequisites:

- Basic Programming knowledge
- Basic knowledge about Excel and Java / C++

Who Can attend:

- It is for data scientists and analytics.

Number of Hours: 50hrs

Certification:

- SAS Certified Clinical Trials Programmer Using SAS 9
- SAS Certified Associate: Programming Fundamentals Using SAS 9.4
- SAS Certified Specialist: Base Programming Using SAS 9.4
- SAS Certified Professional: Advanced Programming Using SAS 9.4

Key Features:

- One to One Training
- Online Training
- Fastrack & Normal Track
- Resume Modification
- Mock Interviews
- Video Tutorials
- Materials
- Real Time Projects
- Virtual Live Experience
- Preparing for Certification