

SKILLSOURCE TECHSOFT

ADVANCED SAS

Syllabus

- **Introduction**
 - Why & what is SAS Macro
 - Use of SAS Macro
- **SAS Macro Facility**
 - Program flow and Tokenization
 - Creating & Using Macro Variables
- **Storing & Processing text**
 - Macro functions
 - Macro statements & Macro functions
 - Working with special Character
 - Using the DATA step to creating Macro variables
 - Lookup tables
- **Working with Macro Programs**
 - Defining and calling Macro
 - Macro Variable scope
 - Conditional Processing
 - Iterative % Do loops
- **Advance Macro Techniques**
 - Storing User Defined Macros for Reuse
 - User-Defined Macro Functions
 - User-Defined Macro Utilities
 - Data-Driven Macro Calls

SAS SQL

- **Introduction**
 - What is SQL
 - Introduction to the SQL Procedure
- **PROC SQL fundamentals**
 - Generating Simple Reports
 - Summarizing & Groups Data
 - Summary Functions
 - Analyzing groups of Data
- **Creating & Managing Tables**

- **Using Dictionary tables**
- **SQL JOINS**
 - Introduction to SQL Joins
 - Inner Joins
 - Outer Joins
 - Complex joins
- **Subqueries**
 - Subquery in Where & Having Clauses
 - In-Line View (query in the FROM Clause)
 - Subqueries in the select clause
- **Set Operators**
 - Introduction to set operator
 - INTERSECT, EXCEPT, UNION, OUTER UNION
- **Using & Creating Macro Variable in SQL**
 - Creating User Defined Macro Variable
 - Creating Data-Driven Macro Variable with PROC SQL
- **Using SQL to Create Macro Variables**
- **Accessing DBMS Data with SAS /ACCESS**
 - Overview of SAS /ACCESS Technology
 - SQL Pass-Through Facility
 - SAS/ACCESS Libname Statement
- **Additional Topic which is required by organization:**
 - How to compare Dataset by variable & Observation
 - How to Generate Report (PROC Report)
 - Chart Preparation (Pie, Histogram etc) ,
 - Advance Statistic Calculation (PROC Reg, PRoc Univariate)

Note :

We provide Hands-on Practice, Course Notes, Case Study related to Advance SAS & Organization Scenario, Advance SAS Global Certification Preparation, Interview Preparation and Placement Assistance.