SAS & Data Analytics

Base SAS (12 Hrs)

✓ SAS Programming I Essential

Operate SAS in windows environment
Read various types of data into SAS data sets
Validate and clean SAS data sets
Create SAS variables and subset data
Combine SAS data sets
Create and enhence listing and summary reports

✓ SAS Programming II: Manipulation Data with DATA step

Control SAS data set input and output
Combine SAS data sets
Summarize, read, and write different types of data
Transform character, numeric, and date variables

✓ SAS Base Programming SAS

Read, create, and combine SAS data sets
Read and create raw data files
Create variables using the assignment statement and using conditional processing
Manipulate date using SAS functions
Create different types of reports using the PRINT procedure, the REPORT procedure,
the FREQ procedure, or the MEANS procedure
Create formats with the FORMAT procedure
Create HTML/Non- HTML reports with ODS

SAS Predictive Modeling (8 Hrs)

Introduction to Statistics
Inferences for the Mean
Analysis of Variance
Regression (Simple ,Multiple)
Predictive Models
Categorical Data Analysis

Database Concepts using SQL (6 Hrs)

Refresher on the Fundamentals of Relational Database Management System.
Designing the Relational Database Management Models.
Exporting/Importing databases
Introduction to SQL and types of SQL Statements.
Steps to write SQL Queries.
Work with regular expressions, handle exceptions, and validate data
Joining multiple tables in SQL.
Analytical SQL Queries
Solving Cases using SQL Statements
Projects using SQL Statements