
SAS

(STATISTICAL ANALYSIS SYSTEM)

+ Introduction of SAS

- Overview of frequently used SAS Procedure.
- Proc print, proc means, proc univariate, proc freq, proc Gchart, proc Gplot, proc corr., ProcReg, proc GLM,
- Running SAS Programs in SAS Display manager & Navigating among SAS Software Windows.
- Invoking SAS via a shortcut icon or start Menu
- Programme Editor Window- Explaining SAS Syntax
- Output Window- Examining programme output.
- Log Window-checking the SAS log for Errors
- Creating SAS Code or Opening a SAS Program
- Recalling Text
- Descriptive information and statistics
- Run the Programme that contains Proc Means
- An overview of statistical tests in SAS (specially for candidates with statistics background)
- Proc TTest, Proc Freq(Look for option CHISQ, EXACT), Proc Anova
- Exploring Data with Graphics.

+ Fundamentals of SAS

- Using where statements with SAS procedures.
- Missing values in SAS.

- Common SAS options
- Overview of SAS syntax of SAS procedure
- Common error messages in SAS

Reading Raw Data in to SAS

- Reading Raw Data in to SAS
- Reading Dates in to SAS, And using dates
- Basic data Manipulation in SAS
- Creating and Recordings variables
- Using SAS functions for making/recording variables.
- Subsetting variables and observations
- Labeling data, variables and value.
- Using Proc sort and the by statement
- Making and using permanent SAS data files

SAS/MACROS

SAS/STAT

- Introduction of SAS/ Stat
- Introduction to Basic Statistics
- Statistical Procedures

SAS / GRAPH

- Introduction of SAS / GRAPH
- Basic of Plots & Graph
- Graphical procedures