



SAS TRAINING COURSE CONTENT

PART-I

BASE SAS

- *Introduction To SAS System & Architecture*
- *History And Various Modules*
- *Features*
- *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*
- *Leave and Continue Statements*
- *Output Statement & Put Statement*
- *Stop And Error Statements*
- *Array Statement*
- *Modifying And Combining Data Sets*
- *Updating Master Data Set*

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 Format*
- *Proc Printto*
- *proc compare*
- *proc cport*
- *proc cimport*
- *proc options*
- *proc transpose*
- *proc report*
- *proc import*
- *proc export*

SAS/REPORTS

- *Frequency Report*
- *One-Way Frequency Report*
- *Cross Tabular Frequency Report*
- *Summary Statistics*
- *Creating A List Report*
- *Define Statement*
- *Order Usage and Group*
- *Printing Grand Totals*
- *Rbreak Statement*
- *Tabulate Procedure*
- *One-Dimensional Tables*
- *Two-Dimensional Tables*

SAS/ODS

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



PART -II

SAS ADVANCED

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, Predicates & Functions*
- *Formatting Output*
- *Group By Clause, Order By Clause & Having Clause*
- *Case Expression and Condition al Logic.*
- *Creating ,Populating & Deleting Tables*
- *Alter Table Statement*
- *Renaming A Table & Columns*
- *Changing Column's Length*
- *Joins & Views*

SAS/ACCESS

- *Import & Export Procedure s*
- *Importing data from Ms-Access & Ms- Excel*
- *Importing data from Oracle database*
- *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 Condition al Logic*
- *Using Various Procedure s In Macros*
- *Automatic Variables*
- *Macro Functions*
- *Including External Macros*

SAS Clinical

- *Diferent Phases of SAS clinical trails*
- *Explanation on Diffrent Subject areas like Demo,AE,Lab,etc..*
- *Creation of Listing and Summary reports*
- *Creation on SAS clinical Graphs*