Data Warehousing SAS Course Details:

Part I: SAS/BASE
- Introduction to SAS System & Architecture
- History and Various Modules
- Features
- Variables & SAS Syntax Rules
- Sas Data Sets
- Data Set Options
- Operators
- Reading Raw Data
- Infile Statements with Options
- Working with External Files & Options
- Multiple Observations
- Input Styles
- Select Statement
- Leave and Continue Statements
- Retain Statement
- Creating & Redefining Variables
- Where Statement
- If-Then Else Statement
- Goto, Stop and Error Statements
- Output Statement, Put Statement
- Do Loops
- Array Statement
- Date Informats, Formats
- Date and Time Functions
- Modifying and Combining Data Sets
- Updating Master Data Set
- Key Board Macros & Add Abbreviations
- Display Manager Commands
- SAS Functions
- Finding Duplicate Observations

Base SAS Procedures
- 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 Import
- Proc Export
- Proc Printto

Part II: SQL Concepts
- Introduction
- History
- Features
- Sql Command Set
- Operators in Sql
- Order By Clause
- Group By Clause
- Having Clause
- Distint Clause
- Create and Insert
- Deleting, Populating and Updating
- Sub Queries
- View and Joins

SAS/SQL
- Introduction to Sas/Sql
- Features
- Uses
- Terminology
- Data Types, Keywords and Operators
- Functions, Predicates
- Formatting Output
- Group By Clause
- Order By Clause
- Having Clause
- Case Expression and Conditional Logic
- Creating, Populating and Deleting Tables
- Constraints
- Alter Table Statement
- Changing Column's Length
- Joins
- Constraints
- Renaming a Table and Columns
- Views

SAS/ACCESS
- Working with Oracle
- Working with MS-Access
- Working with MS-Excel and other Database files
- DbLoad Procedure

SAS/GRAPH
- Gchart Procedure
- Vertical, Horizontal, Pie
- Donut
- G3d
- Group, Subgroups
- Gplot Procedure
- Multiple Plots and Overlay
- Symbol Statement

- Title and Footnote statements
- Goptions

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
- Obtaining A Total
- Analysis Variables with Options
- Summary Statistics

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 & Call Symput
- Including External Macros

SAS/STAT
- Proc Univariate
- Proc Corr
- Proc Reg
- Proc Anova

SAS/ODS
- Creating Rdf File
- Creating Html File
- Creating Pdf File

SAS/WAREHOUSE ADMINISTRATOR
- Introduction to DW
- Relationship between SAS and Data Warehousing
- Database Designing
- Types of Schema
- Global Warehouse Designing Steps

SAS/ETL
- Introduction to ETL
- Application of ETL in DW
- ETL Process Model Development in SAS with Project

Part III: (Any one Project)
- Clinical Project
- Banking Project

Note: Free Course Material

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