

SAS BI Course Content :

1. SAS supports business intelligence with the following:

- a set of client applications
- SAS server processes
- a centralized metadata management facility

2. SAS BI Course Content

- SAS Data Integration Studio
- SAS Data Quality Solution
- SAS Management Console
- SAS Intelligence Platform
- SAS Information Delivery Portal
- SAS Web report Studio
- SAS OLAP cube Studio
- SAS enterprise Guide
- Prerequisites
- the SAS programming language
- SQL Knowledge

Chapter-1

- Overview of SAS 9 Business Intelligence Platforms and SAS Data Integration Study
- Business Intelligence overview
- Business Intelligence Information Consumers
- navigating in SAS Data Integration Studio

Chapter-2

- Working Under Change Management
- What is change management?
- repository types
- using change management

Chapter-3

- Designing the Data Mart

- planning a data warehouse
- course data for the Orion Star company
- Orion Star data models

Chapter-4

- Building a Data Mart
- review of the case study
- defining the source data
- defining the target tables
- loading the target tables

Chapter-5

- Administering SAS Data Integration Studio
- setup tasks for SAS Data Integration Studio
- setting up change management
- security planning and implementation (self-study)
- Creating and Exploiting OLAP Using the SAS System

Chapter 6

- introduction to Online Analytical Processing
- overview of SAS OLAP Cube Studio
- registering metadata

Chapter-7

- Working with SAS OLAP Cubes Derived from Detail Tables
- creating a SAS OLAP Cube from a detail table
- generating aggregations using cross- dimensional tuning
- setting permissions using SAS Management Console
- viewing a SAS OLAP cube with SAS Enterprise Guide

Chapter-8

- Working with SAS OLAP Cubes Derived from Star Schemas
- creating a SAS OLAP cube from a star schema
- viewing a SAS OLAP cube with SAS Web OLAP Viewer for JAVA

Chapter-9

- Monitoring and Tuning a SAS OLAP Cube
- using Application Response Measurement (ARM) for tuning
- building an information map from a SAS OLAP cube
- creating a report with SAS Web Report StudioIII. Accessing SAS from Microsoft Office Applications

Chapter-10

- overview of the SAS Add-In for Microsoft Office
- introduction to the course data
- introduction to the course scenarios

Chapter-11

- Exploring the SAS Add-In for Microsoft Office
- using the SAS Add-In for Microsoft Excel
- using the SAS Add-In for Microsoft Word and Microsoft PowerPoint
- using the SAS Add-In to publish documents (self-study)

Chapter-12

- Inserting SAS Data into Microsoft Excel
- SAS data set concepts and terminology
- using SAS data sources with Microsoft Excel
- using SAS data sources in PivotTables

Chapter-13

- Analyzing Data with SAS Tasks in Microsoft Office
- overview of SAS tasks
- list data task
- one-way frequencies task
- table analysis task
- summary table task
- bar chart task

Chapter-14

- Using the SAS Information Delivery Portal
- overview of the SAS Information Delivery Portal
- navigating the SAS Information Delivery Portal
- changing portal preferences

Chapter-15

- Interacting with Reports
- introduction to reports
- using SAS reports
- using SAS stored processes

Chapter16

- Interacting with Data
- accessing data in the SAS Information Delivery Portal
- using relational SAS Information Maps
- using Multidimensional SAS Information