

SAS BI Course Content with Data Science:

SAS Management Console

- Navigation in SAS Management Console
- SAS Open Metadata Architecture
- Establish Connection between SAS and ODBC
- Introduction to Metadata * Centralized Metadata Management
- SAS Metadata Server
- Connecting to the Metadata Server
- Introduction and Working With Metadata Repositories
- Client / Server Interaction
- Create a Custom and Project Repository
- Setting up Change Management
- User Creation and Permissions
- Creating connections with Data Bases and SAS Applications
- Creating Flows for Scheduling, Creating Jobs with dependencies and without dependencies
- Brief Explanation of LSF and Process Managers

SAS DI Studio / ETL Studio

- Creating Connection Profile
- Data warehousing Concept
- Exploring SAS Data Integration Studio
- Working on Change Management
- Explaining how to define a source, target data structures and designing jobs
- Introduction to jobs and the job editor
- Working with propagation, mappings and chaining jobs
- Working with intermediate files
- Data Transformations
- Deploying jobs for scheduling

SAS Enterprise Guide

- Introduction to SAS EG Application
- Customizing SAS Enterprise Guide options
- Setting up and managing profiles
- Importing files from sources other than SAS
- Accessing data via SAS libraries
- Grouping and summarizing data
- Introduction to querying data
- Filtering and sorting data

- Creating new columns with an expression
- Joining tables
- Creating a frequency report
- Generating HTML, PDF, and RTF output
- Creating a listing report
- Creating a graph
- Creating Stored Process from SAS EG
- Working on different STATISTICAL Procedures

SAS OLAP Cube Studio

- OLAP Introduction
- Discuss Dimensions / Facts / Hierarchies / Levels / Measures / Aggregation
- Create an OLAP Cube from Detail Table
- Create an OLAP Cube from Star Schema
- Create an OLAP Cube from Summarized Table
- Create an OLAP Cube with Dimensions, Levels, Hierarchies, Measures & Aggregates
- Review the Cube design and structure
- Edit structure and refresh

SAS Information Map Studio

- Introduction to SAS Information Map Studio
- Updating an information map with filters, folders, and data items
- Adding additional data sources to an information map
- Overview of information map pre-filters
- Building a general pre-filter
- Building an authorization-based pre-filter
- Information Maps and Stored Process
- Overview of stored processes
- Associating stored processes with an information map
- Using information maps in SAS Web Report Studio
- Overview of surfacing data with information maps
- Using information maps in the SAS Information Delivery Portal
- Using information maps in SAS Enterprise Guide
- Overview of OLAP cubes
- Building an information map for an OLAP cube

SAS Web Report Studio

- Introduction to SAS Web Report Studio
- Calling Information Maps into WRS
- Creating filters at WRS

- Creating Layouts for Reports
- Creating Prompts
- Customizable roles to authorize capabilities(From SMC)
- Working on Report Creation and Templates

SAS Information Delivery Portal

- Introduction to SAS IDP
- Adding a Portal page
- Adding Contents to Portlet
- Adding portlets to page
- Utilize SAS EG to create content and publish packages to the framework
- Viewing and managing portal content
- Portal Customization
- Call Reports from WRS to IDP
- User-level Authentication
- Designing Portal
- Calling STP into IDP
- Cubes in PORTAL
- Sharing portal content