



# SAS BI





# About Course

**SAS Business Intelligence (BI) is a suite of applications that allows you to prepare and display data for statistics, predictive analytics, data mining, text mining, and forecasting. The tools provide interactive visualizations backed by analytics. Learn more about SAS Business Intelligence.**



# SAS BI

## CURRICULUM

### ① Introduction

SAS Data Integration Studio (ETL)

SAS Management Console

SAS Information Delivery Portal

SAS Web Report building

SAS OLAP cube Studio

SAS OLAP Cube Viewer

SAS Enterprise Guide

SAS Dashboard

SAS Add -In for Microsoft Office

SAS Information Map Studio

SAS Stored Process

### ② Data Integration Studio

Using SAS Data Integration Studio

SAS Data Integration Studio Overview

The SAS Data Integration Studio Interface

Adding Library Definitions

Using the Source Designer



Using the Target Designer  
Using the Process Designer Exercises  
Explain and work on the Extract and Summary Statistics transformation.  
Explain and work on the Loop transformations.  
Investigate where status handling is available.  
Explain and work on the Data Validation transformation.  
Explain and work on the Rank, Transpose, Append, List and Sort transformations.  
Explain and work on the Apply Lookup Standardization transformation.  
Define the Concept of a Checkpoint.  
Describe features of the New Tables wizard.  
Explain SAS packages.  
Explain importing and exporting of relational metadata.  
Explain components of SQL Join's Designer window.  
Investigate mapping and propagation.  
Work with performance statistics.  
Generate reports on metadata for tables and jobs.  
Define Impact and Reverse Impact Analysis.  
Explain reasons to use the Table Loader transformation.  
Explain various load styles provided by the Table Loader transformation.  
Explain various types of keys and how to define in SAS Data Integration Studio.



Provide an overview of the scheduling process.  
Explain the types of scheduling servers.  
Explain the Schedule Manager in SAS Management Console.  
List the applications that can be used to create and execute stored processes.  
Describe deployment of SAS Data Integration Studio jobs as a SAS Stored Process.  
Import SAS code.

### 3 Management Console

Overview of the SAS Management Console  
Introduction to the SAS Management Console  
How the SAS Management Console Works  
Introduction to the SAS Management Console Plug-Ins  
Working with the User Interface

### 4 Business User Reporting Applications

Use the SAS Add-In for Microsoft Office.  
Use SAS Web Report Studio.  
Use SAS Information Delivery Portal.

### 5 Advanced Reporting Techniques And Roles

Modify an existing SAS Information Map.  
Create a New SAS BI Dashboard Indicator.  
Create data sources for reporting and analysis.



Interpret permissions and file structures defined in metadata by the platform administrator.

## 6 Creating Information Maps

Utilize different data sources.

Use filters and the prompting framework to dynamically subset data.

Create profilers to subset the information map data.

## 7 Building A SAS BI Dashboard Application

Build SAS BI Dashboard Components.

Build advanced SAS BI Dashboard Components.

## 8 Building Stored Processes

Create a stored process from a SAS Enterprise Guide Project. Create a stored process from a SAS Program.

Add prompts to a stored process.

Create a stored process to provide a dynamic data source.

Define the macro variables generated for each prompt type.

## 9 Utilizing Advanced Techniques With SAS Reports

Build advanced reports with SAS Web Report Studio.

Create and use SAS report templates.

Link reports in SAS Web Report Studio.



Schedule and distributing SAS Reports.  
Build SAS reports with SAS Enterprise Guide.  
Create shared prompts.

## 10 Utilizing Multidimensional (OLAP) Data Sources

Apply Online Analytical Processing concepts.  
Build an OLAP cube with SAS OLAP Cube Studio.  
Build an information map from a SAS OLAP Cube.  
Working with SAS OLAP Cubes Derived from Star Schemas  
Creating an OLAP Cube from a Star Schema



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