COURSE OUTLINE

Course Version: 10
Course Duration: 5 Day(s)
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American English is the standard used in this handbook.
The following typographic conventions are also used.

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TARGET AUDIENCE
This course is intended for the following audiences:

- Application Consultant
- Technology Consultant
- Project Manager
- Application Consultant
- Business Analyst
- Business Process Owner/Team Lead/Power User
- Program/Project Manager
- Technology Consultant
- User
- End User
- Super / Key / Power User
Lesson 1: Describing Data Warehouse Systems
Lesson Objectives
After completing this lesson, you will be able to:

● Discuss the concepts of Business Intelligence and Data Warehousing

Lesson 2: Describing Data Warehouse Architecture
Lesson Objectives
After completing this lesson, you will be able to:

● Describe Data Warehouse architecture
● Describe data storage and flow

Lesson 3: Using the Data Warehousing Workbench
Lesson Objectives
After completing this lesson, you will be able to:

● Use the Data Warehousing Workbench
Lesson 1: Describing InfoObjects

Lesson Objectives
After completing this lesson, you will be able to:

- Describe InfoObjects

Lesson 2: Creating Characteristic InfoObjects

Lesson Objectives
After completing this lesson, you will be able to:

- Create characteristic InfoObjects
UNIT 3  The Loading of Master Data from SAP DataSources

Lesson 1: Describing Data Flow
Lesson Objectives
After completing this lesson, you will be able to:
• Describe data flow

Lesson 2: Creating a Characteristic for a Master Data Flow
Lesson Objectives
After completing this lesson, you will be able to:
• Create a characteristic for a master data flow

Lesson 3: Creating a DataSource and Transformation for a Master DataFlow
Lesson Objectives
After completing this lesson, you will be able to:
• Create the DataSources and transformation for a master data flow

Lesson 4: Loading a Master Data Flow
Lesson Objectives
After completing this lesson, you will be able to:
• Load master data

Lesson 5: Modeling with the Graphical Data Flow Tool
Lesson Objectives
After completing this lesson, you will be able to:
• Model with the graphical Data Flow tool
Lesson 1: Describing the Core InfoProviders

Lesson Objectives
After completing this lesson, you will be able to:

• Describe the purpose of InfoCubes and DataStore objects

Lesson 2: Creating a Key Figure InfoObject

Lesson Objectives
After completing this lesson, you will be able to:

• Create key figure InfoObjects

Lesson 3: Creating a DataStore Object (DSO)

Lesson Objectives
After completing this lesson, you will be able to:

• Describe a DataStore Object
• Create DataStore Objects

Lesson 4: Loading Transaction Data into a DataStore Object (DSO)

Lesson Objectives
After completing this lesson, you will be able to:

• Load transactional data into a standard DSO

Lesson 5: Activating data in a DataStore object

Lesson Objectives
After completing this lesson, you will be able to:

• Activate data in a DataStore Object

Lesson 6: Describing the Extended Star Schema of an InfoCube
Lesson Objectives
After completing this lesson, you will be able to:

- Describe different database schema
- Describe the extended star schema of an InfoCube

Lesson 7: Creating InfoCubes
Lesson Objectives
After completing this lesson, you will be able to:

- Create InfoCubes

Lesson 8: Loading Transaction Data into an InfoCube
Lesson Objectives
After completing this lesson, you will be able to:

- Load transaction data into an InfoCube
Lesson 1: Loading Data From a Flat File

Lesson Objectives
After completing this lesson, you will be able to:

- Create a flat file DataSource

Lesson 2: Describing the Data Flow in Detail

Lesson Objectives
After completing this lesson, you will be able to:

- Explain the data acquisition
- Explain the transformation process

Lesson 3: Describing the Data Loading Process in Detail

Lesson Objectives
After completing this lesson, you will be able to:

- Describe the data loading process in detail
- Explain the error Data Transfer Process (DTP) handling
Lesson 1: Explaining Different InfoProviders Used in SAP BW

Lesson Objectives
After completing this lesson, you will be able to:

• Describe the use cases and properties of different InfoProviders

Lesson 2: Creating MultiProviders

Lesson Objectives
After completing this lesson, you will be able to:

• Construct a MultiProvider
Lesson 1: Using BI Content

Lesson Objectives
After completing this lesson, you will be able to:

- Explain the purpose and usage of BI content
UNIT 8

Query Performance Optimization

Lesson 1: Optimizing Query Performance
Lesson Objectives
After completing this lesson, you will be able to:

- Identify performance optimization areas
- Optimize query performance

Lesson 2: Monitoring Performance
Lesson Objectives
After completing this lesson, you will be able to:

- Use statistical content

Lesson 3: Creating and Filling Aggregates
Lesson Objectives
After completing this lesson, you will be able to:

- Create and fill aggregates
Lesson 1: Describing Administrative Tasks and Tools

Lesson Objectives
After completing this lesson, you will be able to:

• Describe administrative tasks and tools

Lesson 2: Administering the InfoCubes

Lesson Objectives
After completing this lesson, you will be able to:

• Maintain InfoCubes

Lesson 3: Administering the DataStore Objects

Lesson Objectives
After completing this lesson, you will be able to:

• Maintain DataStore objects

Lesson 4: Creating Process Chains

Lesson Objectives
After completing this lesson, you will be able to:

• Create and maintain process chains