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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2. Lesson: Creating SAP BW 3.x Data Flow
3. Lesson: Comparing and Migrating 3.x / 7.x SAP BW Data Flows
4. Lesson: Directly Accessing Source System Data
5. Lesson: Loading Directly Without Persistent Staging Area (PSA)
6. Lesson: Reviewing Details of Real-Time Data Acquisition (RDA)

### Unit 2: Data Acquisition with the SAP BW Service API

1. Lesson: Connecting SAP Source Systems to SAP BW
2. Lesson: Displaying the Configuration of SAP BW Service API
3. Lesson: Explaining Business Intelligence (BI) Content
4. Lesson: Examining the Transfer of GL Data
5. Lesson: Examining Generic DataSources
6. Lesson: Adapting BI Content DataSources
7. Lesson: Configuring Logistics Data Extraction

### Unit 3: Delta Data Flow Management

1. Lesson: Describing Delta Management
2. Lesson: Explaining Terms and Basic Processes of Delta Enabled DataSources
3. Lesson: Analyzing Delta Management

### Unit 4: Data Acquisition with ODP and SLT

1. Lesson: Describing Data Acquisition with ODP
2. Lesson: Analyzing Operational Delta Queue (ODQ)
3. Lesson: Replicating Data with SLT
4. Lesson: Acquiring Data in Real Time with SLT

### Unit 5: Flat File Data Transfer

1. Lesson: Loading Data from a Flat File
2. Lesson: Loading Hierarchies in SAP BW Using the Hierarchy Framework
3. Lesson: Exporting a Hierarchy with OpenHub

### Unit 6: Data Acquisition with DB Connect

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TARGET AUDIENCE
This course is intended for the following audiences:

- Application Consultant
- Technology Consultant
- Project Manager
- Project Stakeholder
- Super / Key / Power User
Lesson 1: Explaining Data Acquisition in SAP BW
Lesson Objectives
After completing this lesson, you will be able to:

- Create a basic SAP BW data flow

Lesson 2: Creating SAP BW 3.x Data Flow
Lesson Objectives
After completing this lesson, you will be able to:

- Create a 3.x data flow

Lesson 3: Comparing and Migrating 3.x / 7.x SAP BW Data Flows
Lesson Objectives
After completing this lesson, you will be able to:

- Migrate 3.x to 7.x data flow

Lesson 4: Directly Accessing Source System Data
Lesson Objectives
After completing this lesson, you will be able to:

- Access directly data in SAP BW source systems

Lesson 5: Loading Directly Without Persistent Staging Area (PSA)
Lesson Objectives
After completing this lesson, you will be able to:

- Load directly (without PSA)

Lesson 6: Reviewing Details of Real-Time Data Acquisition (RDA)
Lesson Objectives
After completing this lesson, you will be able to:

- Acquire data in real time
UNIT 2  Data Acquisition with the SAP BW Service API

Lesson 1: Connecting SAP Source Systems to SAP BW
Lesson Objectives
After completing this lesson, you will be able to:
• Connect SAP source systems to an SAP BW system

Lesson 2: Displaying the Configuration of SAP BW Service API
Lesson Objectives
After completing this lesson, you will be able to:
• Define the role of the SAP BW Service API in data acquisition, extraction, and staging

Lesson 3: Explaining Business Intelligence (BI) Content
Lesson Objectives
After completing this lesson, you will be able to:
• Transfer BI content

Lesson 4: Examining the Transfer of GL Data
Lesson Objectives
After completing this lesson, you will be able to:
• Install Business Content in support of Financial Accounting: General Ledger (FI-GL) analysis

Lesson 5: Examining Generic DataSources
Lesson Objectives
After completing this lesson, you will be able to:
• Create generic DataSources

Lesson 6: Adapting BI Content DataSources
Lesson Objectives
After completing this lesson, you will be able to:

- Adapt BI content DataSources

**Lesson 7: Configuring Logistics Data Extraction**

**Lesson Objectives**

After completing this lesson, you will be able to:

- Extract logistics data
Lesson 1: Describing Delta Management

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

- Extract data to SAP BW using delta management

Lesson 2: Explaining Terms and Basic Processes of Delta Enabled DataSources

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

- Examine support of delta process of DataSources
- Explain Update Mode
- Explain the delta process

Lesson 3: Analyzing Delta Management

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

- Analyze delta management
Lesson 1: Describing Data Acquisition with ODP

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

● Describe the ODP functionality

Lesson 2: Analyzing Operational Delta Queue (ODQ)

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

● Analyze ODP/ODQ

Lesson 3: Replicating Data with SLT

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

● Replicate data with SLT

Lesson 4: Acquiring Data in Real Time with SLT

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

● Acquire data in real time with SLT
Lesson 1: Loading Data from a Flat File

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

- Extract data using the file interface

Lesson 2: Loading Hierarchies in SAP BW Using the Hierarchy Framework

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

- Load a hierarchy

Lesson 3: Exporting a Hierarchy with OpenHub

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

- Export a hierarchy with OpenHub
Lesson 1: Creating a DB Connect DataSource

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

- Describe DB Connect and its architecture
- Define a DB Connect DataSource
Lesson 1: Creating UD Connect DataSources

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

- Define UD Integration
- Integrate Data to SAP BW with UD Connect
Lesson 1: Explaining XML-Based Extraction
Lesson Objectives
After completing this lesson, you will be able to:

- Explain the underlying standards for XML-based extraction
- Define Web Service DataSource in SAP BW

Lesson 2: Acquiring Data Using an XML-Based Web Service
Lesson Objectives
After completing this lesson, you will be able to:

- Acquire data using Web Services

Lesson 3: Creating HybridProviders
Lesson Objectives
After completing this lesson, you will be able to:

- Create a HybridProvider using an RDA scenario
Lesson 1: Integrating SAP Data Services and SAP BW

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

- Import data using staging Business Application Programming Interfaces (BAPIs) for 7.x DataSources
Lesson 1: Examining the Data Mart Interface for Data Transfers

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

- Extract data from a source SAP BW system to another SAP BW system
- Acquire data with the Data Mart interface

Lesson 2: Implementing OpenHub Destinations

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

- Distribute SAP BW data using OpenHub destinations