TBW30

SAP BW Modeling & Implementation

COURSE OUTLINE

Course Version: 10
Course Duration: 5 Day(s)
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## Course Overview

### Unit 1: Enterprise Data Warehouse (EDW) Architecture

1. Lesson: Determining EDW Architecture
2. Lesson: Planning the Architecture of an EDW
3. Lesson: Using the EDW Layers
4. Lesson: Determining the Purpose of the Data Mart Layers
5. Lesson: Determining the Purpose of the Operational Data Store Layer

### Unit 2: The Modeling Process

1. Lesson: Identifying Decision Areas within SAP BW Projects
2. Lesson: Performing Requirements Analysis
3. Lesson: Creating a Logical Data Model
4. Lesson: Developing the SAP BW Data Model
5. Lesson: Creating Graphical Data Models and Templates

### Unit 3: Data Modeling Practice

1. Lesson: Drafting a Data Model
2. Lesson: Summarizing Data Modeling Practice

### Unit 4: BI Content Analysis

1. Lesson: Listing the Uses of BI Content
2. Lesson: Comparing a Data Model with BI Content

### Unit 5: InfoObject Models

1. Lesson: Listing the Tables in the SAP BW Data Model
2. Lesson: Implementing Tracking History Scenarios
3. Lesson: Using Reference Characteristics
4. Lesson: Using Hierarchies
5. Lesson: Using Key Figures
6. Lesson: Creating Translation Types for Currency Translation
7. Lesson: Creating Translation Types for Quantity Conversion
8. Lesson: Creating a Data Model for Mapping Non-Cumulative Values in SAP BW

### Unit 6: Modeling DataStore Objects

1. Lesson: Modeling DataStore Objects
2. Lesson: Using Real Time Data Acquisition (RDA)
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TARGET AUDIENCE
This course is intended for the following audiences:

- Application Consultant
- Project Stakeholder
- Super / Key / Power User
- Project Manager
- Technology Consultant
Lesson 1: Determining EDW Architecture
Lesson Objectives
After completing this lesson, you will be able to:
- Determine the concept and components of an EDW architecture

Lesson 2: Planning the Architecture of an EDW
Lesson Objectives
After completing this lesson, you will be able to:
- Plan the architecture of an EDW

Lesson 3: Using the EDW Layers
Lesson Objectives
After completing this lesson, you will be able to:
- Use the EDW layers

Lesson 4: Determining the Purpose of the Data Mart Layers
Lesson Objectives
After completing this lesson, you will be able to:
- Determine the purpose of the data mart layers

Lesson 5: Determining the Purpose of the Operational Data Store Layer
Lesson Objectives
After completing this lesson, you will be able to:
- Determine the purpose of the operational data store layer
Lesson 1: Identifying Decision Areas within SAP BW Projects

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

- Identify decision areas within SAP BW projects

Lesson 2: Performing Requirements Analysis

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

- Perform requirements analysis

Lesson 3: Creating a Logical Data Model

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

- Create a logical data model

Lesson 4: Developing the SAP BW Data Model

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

- Develop the SAP BW data model

Lesson 5: Creating Graphical Data Models and Templates

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

- Create a graphical data model
- Create a graphical data flow template
Lesson 1: Drafting a Data Model

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

- Create an architecture draft for an LSA

Lesson 2: Summarizing Data Modeling Practice

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

- Summarize data modeling practice
Lesson 1: Listing the Uses of BI Content

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

• List the uses of BI content

Lesson 2: Comparing a Data Model with BI Content

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

• Compare a data model with BI content
Lesson 1: Listing the Tables in the SAP BW Data Model

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

- List the tables in the SAP BW data model

Lesson 2: Implementing Tracking History Scenarios

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

- Implement tracking history scenarios

Lesson 3: Using Reference Characteristics

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

- Use reference characteristics

Lesson 4: Using Hierarchies

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

- Use hierarchies

Lesson 5: Using Key Figures

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

- Use key figures

Lesson 6: Creating Translation Types for Currency Translation

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

- Create translation types for currency translation

Lesson 7: Creating Translation Types for Quantity Conversion

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

- Create translation types for quantity conversion

Lesson 8: Creating a Data Model for Mapping Non-Cumulative Values in SAP BW

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

- Create a data model for mapping non-cumulative values in SAP BW
Lesson 1: Modeling DataStore Objects

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

• Create DataStore objects

Lesson 2: Using Real Time Data Acquisition (RDA)

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

• Describe the purpose of RDA
Lesson 1: Determining the SAP BW Star Schema

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

- Determine the SAP BW star schema

Lesson 2: Designing the Dimensions of the SAP BW InfoCube

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

- Design the dimensions of the SAP BW InfoCube
Lesson 1: Modeling MultiProviders
Lesson Objectives
After completing this lesson, you will be able to:

• Create a MultiProvider

Lesson 2: Modeling an SPO
Lesson Objectives
After completing this lesson, you will be able to:

• Model an SPO

Lesson 3: Modeling an InfoSet
Lesson Objectives
After completing this lesson, you will be able to:

• Create an InfoSet

Lesson 4: Modeling a VirtualProvider
Lesson Objectives
After completing this lesson, you will be able to:

• Create a VirtualProvider

Lesson 5: Modeling a HybridProvider
Lesson Objectives
After completing this lesson, you will be able to:

• Create a HybridProvider

Lesson 6: Explaining InfoProviders in SAP BW and the InfoProvider Decision Tree
Lesson Objectives
After completing this lesson, you will be able to:

- Describe InfoProviders in SAP BW and the InfoProvider decision tree
Lesson 1: Modifying a Data Model

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

- Modify a data model
Lesson 1: Describing Information Lifecycle Management

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

• Describe information lifecycle management
Lesson 1: Determining the Advantages of SAP BW on SAP HANA

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

- Explain SAP HANA

Lesson 2: Determining the Enhancements of LSA++ with SAP HANA

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

- Outline the enhancements of LSA++ with SAP HANA