BW330

SAP BW Modeling & Implementation

COURSE OUTLINE

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

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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Application Consultant
- Project Stakeholder
- Super / Key / Power User
- Project Manager
- Technology Consultant

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UNIT 1

Enterprise Data Warehouse (EDW) Architecture

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

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UNIT 2 The Modeling Process

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

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UNIT 3 Data Modeling Practice

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

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UNIT 4 BI Content Analysis

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

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UNIT 5 InfoObject Models

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

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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

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UNIT 6 Modeling DataStore Objects

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

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UNIT 7 Multi-Dimensional Modeling

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

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UNIT 8 Enhanced InfoProvider Modeling

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

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Lesson Objectives

After completing this lesson, you will be able to:

- Describe InfoProviders in SAP BW and the InfoProvider decision tree

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UNIT 9 Data Model Remodeling

Lesson 1: Modifying a Data Model

Lesson Objectives

After completing this lesson, you will be able to:

- Modify a data model

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UNIT 10

Information Lifecycle Management

Lesson 1: Describing Information Lifecycle Management

Lesson Objectives

After completing this lesson, you will be able to:

- Describe information lifecycle management

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UNIT 11

LSA++ with SAP BW on SAP HANA

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

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