

BW305H

Query Design and Analysis with SAP Business Warehouse Powered by SAP HANA

COURSE OUTLINE

Course Version: 15

Course Duration: 5 Day(s)

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Typographic Conventions

American English is the standard used in this handbook.

The following typographic conventions are also used.

This information is displayed in the instructor's presentation	
Demonstration	
Procedure	
Warning or Caution	
Hint	
Related or Additional Information	
Facilitated Discussion	
User interface control	<i>Example text</i>
Window title	<i>Example text</i>

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- 1 Lesson: Setting Up SAP BW Modeling Tools in SAP HANA Studio

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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Application Consultant
- Business Analyst
- Business Process Owner/Team Lead/Power User
- Data Consultant/Manager
- Program/Project Manager
- Technology Consultant
- User

Lesson 1: Describing the Evolution and Data Layout of SAP HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the evolution and data layout of SAP HANA

Lesson 2: Describing the Concepts of Business Intelligence (BI) and DataWarehousing on Any Database

Lesson Objectives

After completing this lesson, you will be able to:

- Describe BI and data warehousing on any database

Lesson 3: Outlining the Basics of SAP BW Powered by SAP HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the basics of SAP BW powered by SAP HANA

Lesson 4: Setting Up SAP BW Modeling Tools in SAP HANA Studio

Lesson Objectives

After completing this lesson, you will be able to:

- Set up BW modeling tools in SAP HANA Studio

Lesson 1: Outlining SAP BusinessObjects BI Platform

Lesson Objectives

After completing this lesson, you will be able to:

- Outline SAP BusinessObjects BI Platform

Lesson 2: Navigating in SAP BusinessObjects Analysis, Edition for Microsoft Office

Lesson Objectives

After completing this lesson, you will be able to:

- Navigate in SAP BusinessObjects Analysis, edition for Microsoft Office

Lesson 3: Navigating in SAP BusinessObjects Design Studio Generic Application

Lesson Objectives

After completing this lesson, you will be able to:

- Navigate in SAP BusinessObjects Design Studio Generic Application

Lesson 1: Creating Simple Queries

Lesson Objectives

After completing this lesson, you will be able to:

- Create a simple query

Lesson 1: Configuring Properties of Key Figures

Lesson Objectives

After completing this lesson, you will be able to:

- Configure key figure properties

Lesson 2: Creating Restricted Key Figures

Lesson Objectives

After completing this lesson, you will be able to:

- Create a query with restricted key figures

Lesson 3: Creating Calculated Key Figures

Lesson Objectives

After completing this lesson, you will be able to:

- Create a query with calculated key figures

Lesson 4: Creating Calculated Key Figures with Boolean Operators

Lesson Objectives

After completing this lesson, you will be able to:

- Create a query with Boolean operators

Lesson 5: Creating Calculated Key Figures with Exception Aggregation

Lesson Objectives

After completing this lesson, you will be able to:

- Create a query with exception aggregation

Lesson 1: Creating Structures

Lesson Objectives

After completing this lesson, you will be able to:

- Create a query with two structures

Lesson 2: Resolving Formula Collision and Working with Cells

Lesson Objectives

After completing this lesson, you will be able to:

- Resolve formula collision and work with cells

Lesson 1: Configuring the Properties of Characteristics

Lesson Objectives

After completing this lesson, you will be able to:

- Create a query and configure the properties of characteristics

Lesson 2: Creating a Query and Running Display and Navigation Attributes

Lesson Objectives

After completing this lesson, you will be able to:

- Create a query and run display and navigation attributes

Lesson 3: Adding Hierarchies to Reports

Lesson Objectives

After completing this lesson, you will be able to:

- Create a query and include an external hierarchy

Lesson 1: Explaining Variables

Lesson Objectives

After completing this lesson, you will be able to:

- Explain variables

Lesson 2: Creating Characteristic Value and Text Variables

Lesson Objectives

After completing this lesson, you will be able to:

- Create a query with characteristic value variables and text variables

Lesson 3: Applying Business Content Variables

Lesson Objectives

After completing this lesson, you will be able to:

- Create a query with business content variables and variable offset

Lesson 4: Creating Characteristic Value Variables with a Replacement Path from a Query

Lesson Objectives

After completing this lesson, you will be able to:

- Create characteristic value variables with a replacement path from a query

Lesson 5: Creating Formula Variables

Lesson Objectives

After completing this lesson, you will be able to:

- Create a query with a formula variable

Lesson 6: Creating Hierarchy Variables and Hierarchy Node Variables

Lesson Objectives

After completing this lesson, you will be able to:

- Create a query with hierarchy variables and hierarchy node variables

Lesson 1: Creating a Query and Including Exceptions

Lesson Objectives

After completing this lesson, you will be able to:

- Create a query and include exceptions

Lesson 2: Creating a Query and Including Conditions

Lesson Objectives

After completing this lesson, you will be able to:

- Create a query and include conditions

Lesson 1: Applying the Report-Report Interface

Lesson Objectives

After completing this lesson, you will be able to:

- Apply the report-report interface

Lesson 1: Optimizing Query Performance

Lesson Objectives

After completing this lesson, you will be able to:

- Describe query performance optimization

Lesson 2: Applying Performance Monitoring Tools

Lesson Objectives

After completing this lesson, you will be able to:

- Explain how to apply performance monitoring tools

Lesson 3: Configuring Query Read Mode

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how to configure query read mode

Lesson 4: Describing the HANA-Optimized Analytic Manager

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the HANA-Optimized Analytic Manager

Lesson 1: Managing Query Objects

Lesson Objectives

After completing this lesson, you will be able to:

- Manage query objects

Lesson 1: Describing Authorizations

Lesson Objectives

After completing this lesson, you will be able to:

- Describe authorizations

Lesson 1: Describing Business Intelligence Products Consuming Queries

Lesson Objectives

After completing this lesson, you will be able to:

- Describe BI products consuming queries