

BW405

BW/4HANA Query Design and Analysis

COURSE OUTLINE

Course Version: 20

Course Duration:

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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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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Business Analyst
- Business Process Owner/Team Lead/Power User
- User

Lesson 1: Introducing SAP BW/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Describe data warehousing
- Describe SAP BW/4HANA

Lesson 2: Describing the Basics of SAP HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the basics of SAP HANA

Lesson 3: Describing SAP BW/4HANA Data Models

Lesson Objectives

After completing this lesson, you will be able to:

- Describe SAP BW/4HANA Data Models

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

Lesson Objectives

After completing this lesson, you will be able to:

- Set up BW modeling tools in the 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 Analysis for Microsoft Office

Lesson Objectives

After completing this lesson, you will be able to:

- Navigate in SAP Analysis for Microsoft Office

Lesson 3: Navigating in SAP Lumira Generic Analysis Document

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 Variables delivered by Business Content

Lesson Objectives

After completing this lesson, you will be able to:

- Create a query with variables delivered by Business Content and variable offset

Lesson 4: Transferring Values Between Queries Using Characteristic Value Variables

Lesson Objectives

After completing this lesson, you will be able to:

- Create characteristic value variables with replacement path and precalculated value set

Lesson 5: Creating Formula Variables

Lesson Objectives

After completing this lesson, you will be able to:

- Create a query with formula variables

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: Describing the SAP BW/4HANA Analytic Manager

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the Analytic Manager and different Query Processing Modes

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: Outlining Strategy and Portfolio: SAP Analytics

Lesson Objectives

After completing this lesson, you will be able to:

- Describe SAP Analytics

Lesson 2: SAP Analytics Cloud Overview

Lesson Objectives

After completing this lesson, you will be able to:

- Explain benefits and core functionalities of SAP Analytics Cloud

Lesson 1: Glossary

Lesson Objectives

After completing this lesson, you will be able to:

- Glossary