

# SAP BW/4HANA Query Design and Analysis

Course code: BW405

This course provides an overview of SAP BW/4HANA and detailed knowledge to design BW Queries in both SAP BW/4HANA and SAP BW powered by SAP HANA. Users of either system will gain the knowledge to create query definitions using the eclipse-based BW Query Designer in SAP HANA Studio and to make them available for analysis. Course based on software release: SAP HANA 2.0 SP05, SAP BW/4HANA 2021 SP01, SAP S/4HANA S4CORE106 SP02, SAP HANA Studio 2.3.62, SAP BW/4HANA Modeling Tools 1.24.17, ABAP Development Tools 3.24.0, SAP Analysis for Microsoft Office 2.8, SAP BI Platform 4.3 SP2, SAP HANA 2.0 SP05, SAP BW/4HANA 2021 SP01, SAP S/4HANA S4CORE106 SP02, SAP HANA Studio 2.3.62, SAP BW/4HANA Modeling Tools 1.24.17, ABAP Development Tools 3.24.0, SAP Analysis for Microsoft Office 2.8, SAP BI Platform 4.3 SP2

## Who is the course for

- Application Consultant
- Business Analyst
- Power User
- Data Consultant / Manager
- User

## What we teach you

This course will prepare you to:

- Provide students with an overview of SAP BW/4HANA
- Provide knowledge to create query definitions using eclipse-based BW Query Designer in SAP HANA Studio and to make them available for analysis
- Provide an overview of SAP Analytics including SAP Analytics Cloud

## Required skills

### Recommended

- Experienced and sound knowledge of the subject matter of at least one SAP Business Suite or one SAP S/4HANA application course

## Course outline

- Introduction to SAP HANA and SAP BW/4HANA
- Report Launching and Navigation in Reports
- Simple Queries
- Key Figures in Queries
- Structures in Queries
- Characteristics, Attributes, and Hierarchies in Queries
- Variables in Queries
- Exceptions and Conditions in Queries
- Report-Report Interface
- Query Performance Optimization
- Query Management
- Authorizations Overview
- SAP Analytics Overview
- SAP Analytics Cloud Overview

### GOPAS Praha

Kodaňská 1441/46  
101 00 Praha 10  
Tel.: +420 234 064 900-3  
[info@gopas.cz](mailto:info@gopas.cz)

### GOPAS Brno

Nové sady 996/25  
602 00 Brno  
Tel.: +420 542 422 111  
[info@gopas.cz](mailto:info@gopas.cz)

### GOPAS Bratislava

Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 248 282 701-2  
[info@gopas.sk](mailto:info@gopas.sk)



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