

# SAP BW/4HANA Data Warehousing

Kód kurzu: BW410

The course introduces SAP BW/4HANA and supports the development of foundation knowledge. InfoProviders such as DSO (advanced), Open ODS Views and CompositeProviders are explained and created. Data Extraction and Provisioning is executed with Operational Data Provisioning Framework (ODP). Native HANA data models are created and combined with BW/4HANA data models. Course based on software release: SAP BW/4HANA 2021 SP01, SAP HANA 2.0 SPS05, SAP S/4HANA 2021 FP02, SAP HANA Studio 2.3.62, SAP BW/4HANA Modeling Tools 1.24.17, SAP Web IDE for HANA 2 SPS 05 Patch 4 (Build 4.5.18 ), SAP Analysis for MS Office: 2.8.1100.97454, SAP BW/4HANA 2021 SP01, SAP HANA 2.0 SPS05, SAP S/4HANA 2021 FP02, SAP HANA Studio 2.3.62, SAP BW/4HANA Modeling Tools 1.24.17, SAP Web IDE for HANA 2 SPS 05 Patch 4 (Build 4.5.18 ), SAP Analysis for MS Office: 2.8.1100.97454.

## Pro koho je kurz určen

- Application Consultant
- Data Consultant/Manager
- Database Administrator
- Developer
- Enterprise Architect
- Solution Architect
- System Architect
- Technology Consultant

## Co Vás naučíme

This course will prepare you to:

- Understand the architecture and fundamentals of SAP BW/4HANA
- Create and maintain InfoObjects, Advanced DataStore Objects, CompositeProviders, and ODS Views
- Perform master and transaction data load into SAP BW/4HANA
- Understand SAP HANA native models and how to combine them with BW/4HANA models

## Požadované vstupní znalosti

None

## Studijní materiály

Studijní materiál SAP.

## Osnova kurzu

- Introduction to positioning and key concepts of SAP BW/4HANA
- Introduction to BW Modeling Tools, Data Warehousing Workbench and SAP BW/4HANA Cockpit
- Model InfoObjects: Characteristics and Key Figures
- Generic DataSources
- Transformation and Data Transfer Process
- Master Data Loading from SAP source system with Operational Data Provisioning (Attributes, Texts, Hierarchy)
- Model DataStore Objects (advanced)
- Transaction Data Loading from SAP source system with Operational Data Provisioning and from Flat File
- Model CompositeProviders
- Model Open ODS Views
- Administrate Master Data and DataStore Objects (advanced)
- Use Process Chains
- SAP HANA Delta Merge
- Integrate SAP HANA Native Models with SAP BW/4HANA

## Co musíte vědět

### GOPAS Praha

Na Strži 2097/63  
140 00 Praha 4 - Krč  
Tel.: +420 226 201 390  
[info@gopas.cz](mailto:info@gopas.cz)

### GOPAS Brno

Nové sady 996/25  
602 00 Brno  
Tel.: +420 530 513 590  
[info@gopas.cz](mailto:info@gopas.cz)

### GOPAS Bratislava

Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 902 903 132  
[info@gopas.sk](mailto:info@gopas.sk)



Copyright © 2026 GOPAS, a.s.,  
All rights reserved

# SAP BW/4HANA Data Warehousing

- BW410 is strongly recommended before taking the advanced courses BW430, BW450, BW465
- Knowledge gained in BW410 will support your understanding of the topics covered in BW405

**GOPAS Praha**

Na Strži 2097/63  
140 00 Praha 4 - Krč  
Tel.: +420 226 201 390  
[info@gopas.cz](mailto:info@gopas.cz)

**GOPAS Brno**

Nové sady 996/25  
602 00 Brno  
Tel.: +420 530 513 590  
[info@gopas.cz](mailto:info@gopas.cz)

**GOPAS Bratislava**

Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 902 903 132  
[info@gopas.sk](mailto:info@gopas.sk)



Copyright © 2026 GOPAS, a.s.,  
All rights reserved