

# Data Warehousing with SAP BW/4HANA - Delta from SAP BW 7.5 classic to SAP BW/4HANA

This course enables experienced SAP BW users, developers as well as administrators to run and work with SAP BW/4HANA. The emphasis is on how to migrate an existing SAP BW architecture and leverage new data models and functions provided by SAP BW/4HANA in comparison to SAP BW 7.x



## Odbiorcy szkolenia

- Application experts and consultants with a sound experience in SAP BW (non-HANA)
- Project team members implementing and maintaining SAP BW/4HANA



## Korzyści

- This course will prepare you to:
  - Outlining advantages of the SAP "In-Memory" database foundation for SAP BW/4HANA in general.
  - Introducing new user interfaces for working with SAP BW/4HANA: SAP BW/4HANA Cockpit and SAP BW/4HANA Modeling Tools.
  - Outlining the SAP BW/4HANA conversion approaches and the related tools for a transformation project.
  - Introducing native SAP HANA XS Advanced modeling in the SAP Web IDE for SAP HANA.
  - Explaining the data models in SAP BW/4HANA and position them in the context of SAP's reference architecture Layered Scalable Architecture (LSA++).
  - Describing so-called "mixed scenarios" where how both, SAP HANA Calculation Views as well as

SAP BW/4HANA objects can complement each other.

- Outlining other areas of innovation with focus on Business Content, Process Chains, Analysis Processes or Transformations.
- Describing Multi-Temperature Data Lifecycle Management concepts and its implementation in SAP BW/4HANA.
- Providing an overview of all source system interfaces and data provisioning methods for consuming data in SAP BW/4HANA.
- Introducing SAP Core Data Services and related use cases in the context of SAP BW/4HANA: Extraction from SAP S/4HANA including available SAP Content, Statistical Analysis of the Data Warehouse Infrastructure and SAP S/4HANA Embedded Analytics.
- Describing the impact SAP S/4HANA might have on your SAP BW strategy.



## Program szkolenia

- Getting started
  - Training Environment
  - SAP Data Warehousing
  - SAP BW/4HANA
  - SAP BW/4HANA Modeling Tools
  - SAP BW/4HANA Cockpit
- Paths to SAP BW/4HANA
  - Conversion Strategies and Tools
  - Conversion Approaches
- SAP HANA Modeling
  - SAP HANA Introduction
  - SAP Web IDE for SAP HANA
  - SAP HANA native Modeling of Calculation Views
  - Differences of HANA Modeling XS classic vs. XS advanced
- Core Modeling Artifacts in SAP BW/4HANA
  - InfoObjects
  - Advanced DataStore objects
  - CompositeProviders
  - Open Hub Destinations
  - Open ODS Views
  - BAdI-Providers
  - Positioning of these Artifacts in the SAP Layered Scalable Architecture (LSA++)
- Hybrid Modeling in Mixed Scenarios
  - Generation of external SAP HANA Views for BW/4HANA objects
  - Integration of external SAP HANA Views into XSA modeling

- Typical use cases for Mixed Scenarios
- Innovations for Selected SAP BW/4HANA Areas
  - SAP BW/4HANA Content Add-on
  - SAP HANA Analysis Processes
  - Analytic Manager (OLAP engine)
  - SAP HANA-optimized Transformations
  - Process Chains
  - Authorizations
  - Data Protection Workbench (optional)
- SAP BW/4HANA Data Lifecycle Management
  - Multi-Temperature Data Management
  - SAP BW/4HANA Data Tiering Optimization (DTO)
- Data Provisioning into SAP HANA and SAP BW/4HANA
  - SAP HANA Smart Data Access
  - SAP HANA Smart Data Integration incl. real-time Streaming
  - Operational Data Provisioning (ODP)
  - Integration Options with Cloud Sources
  - SAP LT Replication into SAP HANA (optional)
- SAP BW/4HANA and ABAP Core Data Services
  - Overview of SAP ABAP Core Data Services
  - SAP BW/4HANA Statistical Analysis
  - SAP S/4HANA Extraction based on CDS Views
  - SAP S/4HANA Standard CDS Extractors
  - SAP S/4HANA Embedded Analytics
- Relation of SAP S/4HANA to SAP BW
  - Impact of SAP S/4HANA on your SAP BW strategy
- Appendix (optional)
  - SAP BW Workspaces
  - SAP BW/4HANA Transaction Codes
  - Glossary of Terms



## Oczekiwane przygotowanie uczestnika

### Essential

- Several years of hands-on experience in data modeling with SAP BW 7.x
- BW310 (SAP BW Enterprise Data Warehousing)

### Recommended

- BW330 (SAP BW Data Modeling and Implementation)
- [HA100](#) (SAP HANA Introduction)



Czas trwania

5 dni / 38 godzin

## Język

- Materiały: angielski
- Szkolenie: angielski