BW330H: SAP BW powered by SAP HANA: Data Warehouse Modeling

Course Outline

Course announcements

In this course, you learn the procedures within modeling of the BW Enterprise Data Warehouse and acquire deep knowledge about modeling and implementation of data warehousing with SAP BW 7.5. powered by SAP HANA

Course Duration

5 Days

Delivery Format

Classroom, Virtual Classroom, Hybrid

Course Fee

Please contact us for details

Goals

This course will prepare you to:

- Learn procedures within modeling of SAP Business Warehouse
- Learn how to create a Layered Scalable Architecture

Audience

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

Prerequisites

Essential

- BW310H
- Basic knowledge of data modeling

Recommended

None

Content

- Data Modeling with SAP Business Information Warehouse (SAP BW) Powered by SAP HANA
  - Understanding Modeling Targets and Issues
  - Understanding SAP HANA From a Modeling Perspective
  - Understanding SAP BW From a Modeling Perspective
  - Comparing SAP BW with SAP HANA
- Business Review
  - Understanding the Relevant Skills and Exercises
  - Getting toknow the ITelO Case Study
  - Understanding the ERP Model
- Global Decision Areas and Best Practice Standards
  - Planning Transport Management
  - Separating Master Data and Transactional Data
  - Tracking History
  - Evaluating Global Standards and Local Adaptations
  - Designing a Layered Scalable Architecture (LSA) with Virtual Layers
  - Understanding LSADomains
  - Understanding Reporting Options
- Process of Modeling
  - Defining the Sequence of SAP BW Projects
  - Planning the Phases of a SAP BW Project
  - Developing a SAP BW Data Model
  - Getting an Overview SAP HANA Live
  - Overviewing Business Content

- Field-Based Rapid Prototyping
    - Implementing Field-Based Modeling
- Master Data Modeling with SAP BW Characteristics
    - Listing Tables in the SAP BW Data Model
    - Using Reference Characteristics
    - Using Hierarchies in SAP BW Characterisitcs
- Key Figure Modeling in SAP BW
    - Defining Key Figures as InfoObjects
    - Creating Key figures for Non-Cumulatives
- Transactional Data Modeling in SAP BW
    - Modeling Advanced DataStore Objects (ADSOs)
    - Implementing Currency Harmonization
    - Implementing Quantity Conversion
    - Modeling Transformations
    - Modeling a Composite Provider for Agile Data Mart Scenarios
- Master Data Modeling in SAP HANA Views
    - Modeling Master Data and Hierarchies in SAP HANA Views
- Transaction Data Modeling with SAP HANA
    - Modeling Transactional Data in SAP HANA Views
- Hybrid Modeling in Mixed Scenarios
    - Modeling Mixed Scenarios
    - Enhancing Views in SAP HANA
- Enhanced Scenarios in SAP BW
    - Modeling an SAP BW Workspace
    - Implementing HANA Analysis Processes
- Existing Model Enhancement
    - Using the SAP BW Remodeling Toolbox
    - Converting Silos or LSAs to LSA