HDW410: SAP SQL Data Warehousing

Course Outline

Course announcements

In this course you will get an overview and practical introduction to the agile methodology and tools for the development of a HANA-SQL-based data warehouse.

This training will focus the SQL DataWarehouse approach by using the SAP HANA Platform, SAP XS Advanced (XSA), SAP Enterprise Information Management, the SAP Enterprise Architecture Designer, SAP HANA Data Warehousing Foundation and the SAP Data Hub.

Course Duration

2 Days

Delivery Format

Classroom, Virtual Live Classroom, Hybrid

Course Fee

Please contact us for details

Goals

This course will prepare you to:

- Understand the SAP SQL Data Warehouse approach based on SAP HANA Platform
- Design and build a modern, agile data warehouse using the tools provided with the platform

Audience

- Application Consultant
- Business Analyst
- Data Consultant / Manager
- Developer
- Developer Consultant
- Enterprise Architect
- Technology Consultant

Prerequisites

Essential

None

Recommended

- A basic knowledge of data warehouse concepts
- HA100 - to learn the fundamentals of SAP HANA
- Basic knowledge of SQL language

Content

- Overview and Introduction
    - Why SAP SQL Data Warehousing?
    - Overview of the SAP HANA Platform
    - SAP HANA development environment
    - SAP HANA Data Warehousing Foundation toolset
- Data Modeling
    - Reference data warehouse architecture
    - Reference development method
    - Modeling approaches
    - Modeling methods
    - Persistence types
- Implementation
    - Implementing the data warehouse model
    - Data provisioning and transformation
    - Analytical objects
    - SAP HANA Data Warehouse Scheduler
    - SAP HANA Native DataStore Objects Deployment
- SAP Data Lifecycle Manager and SAP Data Distribution Optimizer
    - Data Lifecycle Manager
    - SAP Data Distribution Optimizer