HDW410: SAP SQL Data Warehousing

Course Outline

Course announcements

In this course you will get an overview and practical introduction to the methodology and tools to develop a custom SQL-based data warehouse. This training will focus the SQL Data Warehouse approach by using the SAP HANA Platform, SAP XS Advanced (XSA), SAP Enterprise Information Management and SAP HANA Data Warehousing Foundation toolset.

Course Duration
2 Days

Delivery Format

Classroom, Virtual 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.
- Build up a modern and agile Data Warehouse using an integrated development methodology
- Use the development tools in an integrated manner

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

Course based on software release

- HANA 2.0
- Web IDE
- Database Explorer
- XS Advanced
- SAP HANA Data Warehousing Foundation

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