

## SAP BW/4HANA Modeling

Cursusduur: 5 Dagen    Cursuscode: BW430    Trainingsmethode: Virtual Learning

### Beschrijving:

This course is designed for users with some experience in BW/4HANA or for users who have visited BW410 and know the BW/4HANA terms and basic data warehousing tasks. They learn to design BW/4HANA data models based on the LSA++ layered scalable architecture model and using SAP BW/4HANA and SAP HANA modeling objects. Focus topics are master data (especially time-dependency and hierarchies), Open ODS Views, different types of DataStore Objects (advanced), and different Composite Provider scenarios, staging scenarios with InfoSources, currency and unit conversion, and hybrid models with SAP HANA Calculation views.

### Virtueel en Klassikaal™

Virtueel en Klassikaal™ is een eenvoudig leerconcept en biedt een flexibele oplossing voor het volgen van een klassikale training. Met Virtueel en Klassikaal™ kunt u zelf beslissen of u een klassikale training virtueel (vanuit huis of kantoor) of fysiek op locatie wilt volgen. De keuze is aan u! Cursisten die virtueel deelnemen aan de training ontvangen voor aanvang van de training alle benodigde informatie om de training te kunnen volgen.

### Doelgroep:

Application Consultant Business Analyst Solution Architect System Architect Technology Consultant

### Doelstelling:

- This course will prepare you to:
  - Creating and using hierarchies with SAP BW/4HANA InfoObjects or and with native SAP HANA XSA Calculation Views.
- Outlining advantages of the new SAP "In-Memory" database foundation for SAP BW/4HANA in general.
  - Harmonizing transactional data from different source systems.
- Understanding modeling requirements and comparing modeling approaches
  - Implementing Currency and Unit Conversion with SAP BW/4HANA or and with native SAP HANA XSA Calculation Views.
- Discussing Best Practices guidelines such as LSA++ and separating master and transactional data.
  - Using Data Tiering Optimization
- Describing steps in developing an SAP BW/4HANA data model.
  - Generating external SAP HANA views and understanding "Mixed Scenarios", based on XSA.
- Applying SAP Business Content.
  - Creating and using an SAP HANA Analysis Process.
- Using the power of SAP BW/4HANA modeling artifacts.
  - Outlining Inventory Management and Stock coverage scenarios
- Leveraging the advantages of field-based modeling.

### Vereiste kennis en vaardigheden:

- BW410 - SAP BW/4HANA Data Warehousing

## Cursusinhoud:

Introduction to Data Modelling, Challenges, Conflicts

Overview about the Business Case (Case Study)

Comparing Modeling approaches

- SAP HANA modeling
- SAP BW/4HANA modelling
- Mixed strategies

Best Practice Standards in BW/4HANA Modeling

- Understanding Object Changeability
- Separating Master Data and Transactional Data
- Using Time-Dependent Master Data, Tracking History
- Harmonizing Data
- Designing a BW/4HANA Layered Scalable Architecture (LSA++)
- Understanding Physical and Logical Partitioning

Process of Modeling

- Defining the Sequence and Phases of SAP BW Projects
- Developing an SAP BW/4HANA Data Model

SAP BW/4HANA Content Add-On

- Working with SAP Business Content
- Introducing ABAP CDS Views provided by SAP BW/4HANA

Implementing SAP BW/4HANA Field-Based Models

- Implementing Field-Based Modeling with Open ODS Views
- Understanding Snapshot and Corporate Memory Models

Implementing Models in SAP BW/4HANA

- Modeling and Implementing SAP BW/4HANA Master Data
- Modeling and Implementing Advanced DataStore Objects (ADSOs)
- Modeling and Implementing InfoSources and Transformations
- Modeling and Implementing Composite Providers

Implementing Native SAP HANA Views

- Modeling Master Data in SAP HANA Views
- Modeling Transactional Data in SAP HANA Views

Implementing Agile Data Marts

- Generating External SAP HANA Views for SAP BW/4HANA Objects
- Implementing Mixed Scenarios

Additional Modeling aspects in SAP BW/4HANA

- Introducing the HANA Analysis Process (HAP)
- Defining Inventory Scenarios
- Defining Stock Coverage Scenarios

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## Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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