

BW ON HANA Course Content

Week - 1

Introduction to SAP BW on Hana

- Module -1 Enterprise Structur
- Features of ERP
- SAP & Data Warehouse
- Introduction to BW & BI & Data Base.
- Introduction to BW Architecture & Landscape Basic Modeling:
- Valid Schema Multi-Dimensional Model – The Star
- Schema Classical Approach Multi-Dimensional Star
- Schema in
- BW Extended star Schema OLAP Concept
- Differences between OLAP & OLTP Business Modeling
- Info Area
- Info Object Catalogs & Info Objects
- PSA
- Application Component
- Info Source & Data Source
- Transfer Rules & Rules Update
- Transfer Structure & Communication Structure
- Info Package
- Transformation

Week - 2

Getting started with Data Transfer Process

- Loading Transactional Data into BW info Cube Loading MD
- with TD into BW System BW & BI Comparisons Master
- data loading-new BI ETL process
- Info cube and Types
- Standard Info cube & Loading with new ETL Process
- Generate Report with BI master & Transaction Data
- Manual Uploading MD like Attributes & Text & Hierarchy
- Different Types Attributes Transformations

Rule types Routines

- Start Routine & End Routine
- Expert Routine

Data Transfer Process

- Standard DTP
- Error DTP
- Direct Access DTP
- Real time DTP

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Week - 3

Data Store Object

- Standard DSO (Data Store Object)
- Write optimized DSO (Data Store Object)
- Direct update DSO (Data Store Object)
- Analysis Process and Design
- Update Methods
- Full updates
- Initialization
- Delta Updates

Importance of Info Providers

- Multi Providers
- Info set
- Virtual Providers
- Re-Modeling
- Re-Partitioning
- Open-Hub Destination
- Data Marts

Maintenance Info Cube

- Aggregates
- Roll-up
- Compression & Reconstruction

Introduction to Process Management

- Process Chains & Process Types
- Scheduling
- Monitor (Header& Status& Details)

Week - 4

Business Explorer Reporting

- BEX Query designer & BEX Report Designer
- BEX Analyzer
- BEX WAD
- Visual Composer
- Functional Introduction to Bex Query
- Designer Reusable Query Elements
- Query Controls with Variables
- Calculated Key Figures & Restricted Key Figures
- Formulae
- Structures
- Variable Definition Detail
- Characteristic values variables
- Text Variables
- Formula Variables
- Hierarchy Variable

Introduction to Analysis Functions

- Conditions
- Exceptions
- Reporting Drilldown
- Drilldown to DSO Info Cube RRI
- Copying Queries Cubes
- Bex Analyzer Bex WAD Bex Report Designer
- Visual Composer Migration Objects BW 3.x to BI 7.0
- Transportation Extraction
- Generic Data Extraction using MD/TD Tables
- COPA Extraction
- Business Content Extractions using MD/TD
- LO-COCKPIT Data Extraction
- Types for Delta
- Generic Extraction & LO Extraction
- ASAP methodology