



Any Thing &
Every Thing in
Data Science

SAP HANA

1. Introduction

- Evolution of HANA
- Introduction to HANA
- Introduction to In-Memory
- Strategy and Technology
- HANA compare to BWA
- HANA Landscape
- In-Memory Computing Product
- Strategy and Roadmap
- HANA In-memory

2. Sizing Look & Feel

- In-Memory Computing Studio
- Administration view
- Navigator View
- System Monitor
- Information Modeler

3. Architecture

- Architecture Overview
- IMCE and Surroundings
- Row Store
- Column Store
- Loading data into HANA
- Data modeling concepts
- Reporting
- Persistent Layer

- Backup & Recovery

4. Data Provisioning & Replication

- Replication Server
- Replication Process
- Replication Architecture
- Data Services
- BODS and HANA
- Basic Data service Connection types
- Data services 4.0
- Full Extractor through ODP
- Configure Import server
- Create and execute a Data Service Job to Populate HANA

5. Modeling

- Introduction to Information Modeler
- Levels of Modeling
- Attribute Views
- Analytic Views
- Calculation Views
- Export & Import Trigger-based replication with Landscape
- Approaching HANA Modeling Connecting tables
- Advanced Modeling features
- Hierarchies
- Restricted & Calculated Measures
- Filter Operations and Variables
- Currency conversion
- Introduction to SQL script and Script based
- Processing Information Models
- Managing Modeling Content
- HANA User Management and Privileges

6. Reporting

- HANA, Reporting Layer and Connectivity option
- Business Objects BI 4.0
- Business Objects BI 4.0 Explorer
- Business Objects BI 4.0 Enterprise
- Crystal Reports via ODBC/JDBC Connections
- Others, MS Excel

7. User Management

- Creation of Users
- Creation of Roles
- Creation of Role Hierarchy
- Assignment of Users to Roles
- Authentication
- IMCE Authorizations