



Introduction to SAP ~ HANA

SAP HANA is a game-changing, real-time platform for analytics and applications. While simplifying the IT stack, it provides powerful features like: significant processing speed, the ability to handle big data, predictive capabilities and text mining capabilities

HANA DB takes advantage of the low cost of main memory (RAM), data processing abilities of multi-core processors and the fast data access of solid-state drives relative to traditional hard drives to deliver better performance of analytical and transactional applications. It offers a multi-engine query processing environment which allows it to support relational data (with both row- and column-oriented physical representations in a hybrid engine) as well as graph and text processing for semi- and unstructured data management within the same system. HANA DB is 100% ACID compliant.

SAP ~ HANA Syllabus

1: HANA Introduction

- Introduction to SAP HANA
- SAP In-Memory Strategy

2: LOOK & FEEL

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

3: Architecture

- Architecture Overview
- IMCE and Surroundings
- Row Store
- Column Store
- Loading data into HANA
- Data Modelling
- Reporting

- Persistent Layer

4: Data Provisioning

- Replication Server
- Replication Process
- Replication Architecture
- SAP BODS and HANA
- Basic Data service Connection types
- Configure Import server
- Create and execute a Data Service Job to Populate HANA

5: Modeling

- HANA Modeling studio
- Purpose of Information Modeller
- Levels of Modelling in SAP HANA
- Attribute Views
- Analytic Views
- Calculation Views
- Export & Import
- Hierarchies



6: Reporting

- HANA, Reporting Layer
- Connectivity options
- Business Objects BI 40
- Business Objects BI 40 Explorer
- Business Objects BI 40 Enterprise
- Others & MS Excel

7: User Management

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