

## Goals

- This course will prepare you to develop and optimize ABAP applications that access data stored in the SAP HANA Database

## Audience

- Primary target audiences for this training are developers and development consultants but also other roles involved with implementing or reviewing program code to optimize ABAP based applications for SAP HANA.

## Prerequisites

### Essential

- Course participants should have the following knowledge:
- Experience in ABAP Programming ( procedural and object oriented) ,
- Open SQL Details (joins, view, aggregations)

## Course based on software release

- SAP HANA SPS08

## Content

- Technical concepts of SAP HANA
- Introduction to HANA Studio
- Introduction to ADT (ABAP Development Tools, also known as ABAP in Eclipse)
- Accessing SAP HANA as both a Secondary Database and as a Primary Database
- Tools to detect potential functional and performance issues when migrating to SAP HANA: Code Inspector and ABAP Test Cockpit, ABAP Trace and ABAP Profiler, SQL Trace
- Tools to prioritize performance issues: SQL Monitor, SQL Performance Tuning Worklist
- Optimization of ABAP in the SAP HANA Context, including Performance Rules and Guidelines for SAP HANA
- Accessing SAP HANA using native SQL and ADBC (ABAP Data Base Connectivity)

- New Open SQL
- Defining advanced views using Core Data Services (CDS) and CDS Associations in ABAP
- Creating, using and debugging ABAP Managed Database Procedures
- Consuming SAP HANA views and database procedures in ABAP using native SQL and ADBC
- Creating and using External Views
- HANA Transport Container
- Using SAP HANA Fuzzy Search in ABAP
- Enabling input fields for Type-Ahead search.
- SAP List Viewer (ALV) for SAP HANA

**Fees: INR 40,000 per participant for the Classroom Training**