Overview

SAP Advanced Business Application and Programming (ABAP) is a programming language used in the process of coding SAP R/3. It can perform business calculations directly on the original data in the main memory. When using ABAP 7.4, these views can then be imported to the ABAP Data Dictionary. The main objective of the course is to increase the productivity and efficiency by introducing participants to numerous tools and techniques available in SAP ABAP.

SAP ABAP ON HANA TRAINING OVERVIEW

The Objective of SAP ABAP on HANA training is to increase the productivity and efficiency by introducing numerous techniques available in SAP ABAP. The sessions are interactive with extensive live examples with complete guidance. Students learn how to build core data services views in ABAP on HANA, how to implement and debug managed database procedures on SAP HANA and how to create FPM application consuming CDS view using ACT by expert trainers who are highly qualified in their respective domains.

Course Objective:

Develop and optimize ABAP applications that access data stored in the SAP HANA Database

Who should plan on joining?
- Someone who is looking for a career in SAP ABAP and HANA Database
- ABAP Developers & SAP ABAP development consultants
- Application consultant

Prerequisites
- Basic Knowledge of SAP HANA
- BC400
- BC401
- Experience in ABAP Programming, esp. Open SQL (joins, views, aggregations)

COURSE CONTENTS: SAP HANA ABAP

Lesson 00 - Introduction:

- Introductions to SAP HANA
- Introduction to ABAP for HANA

Lesson 01 - System Requirement and system set up:

- SAP HANA ADT Installation on HANA Studio
- Overview of HANA studio
- Overview of ABAP development environment in eclipse
- Adding system in HANA studio
- Creating package in HANA Studio
- Setup environment in eclipse for ABAP development
- ABAP perspective in SAP HANA

Lesson 02 - Architecture for ABAP for HANA

- Evolution and architecture
- Overview for ABAP meets HANA
- Code to data paradigm

Lesson 03 - ABAP development change for HANA

- Coding guide line for ABAP On HANA
- Performance Impact
- SQL Foot Prints in your productive system
- Performance Analysis
- ALV For HANA and Other improvement

Lesson 04 - New in ABAP Development environment

- Open SQL Enhancement
- Introduction to advance view building in ABAP for HANA
- Core data service
- SAP HANA Usage in ABAP
- ABAP managed database procedure
- ALV with integrated data access on SAP HANA
- Core data service with input parameter