Duration: 35 Hours
Server Access: Free for lifetime

Introduction
1. Introduction to SAP HANA Cloud Platform
2. HCP Cockpit
3. Services and offerings

Foundation for course
1. JDK and JRE
2. Core JAVA
3. JAR
4. Eclipse and Dynamic Web Project
5. MySQL Server for Local Development
6. HANA Cloud tools
7. HANA Cloud SDK (Runtime Server)

Advance foundation Concepts
1. JDBC – JAVA Data Base Connectivity and Driver
2. JPA – Java Persistence API
3. POJO Classes – Persistence Oriented Java Object
4. Java Bean Class
5. Persistence.xml
6. Maven
7. POM.xml and Build using maven
8. Converting existing project to maven
9. Olingo Framework – JPA OData Producer

HANA Cloud Platform Application Development and Deployment - Service

1. Database driver in HCP
2. DB creation and schema for HCP DB
3. Exposing service from HCP

HANA Cloud Platform Application Development and Deployment – User Interface – FIORI App Development
1. Fiori Basics – WEB IDE Development Environment
2. MVC and XML Views
3. New Scaffolding template for objects – Controller, view, formatters, Component.js
4. Manifest.json
5. neo-app.json
6. Connection with service created in previous section
7. Mock Server in UI5

HANA Cloud Platform – Advance Concepts

1. Using FIORI Templates
2. Configuring destination
3. HANA Cloud Connector
4. Connection to Backend ECC from HCP
5. Destination API

More Advance
1. Working with GIT Repositories
2. Launchpad Configuration
3. Theme Designer
4. Introduction to SMP