



The Information Management Company

Hands-on SAP Hana training (Including SAP UX Tools - Fiori and Persona)

Two Week Class

**Netra University Course
NU-C06**

SAP HANA Training (With Fiori and Persona)

Class Overview

Since the launch of SAP Business Suite powered by SAP Hana, the in-memory database software offered by SAP, Hana is being touted as one of the fastest growing software in the world and certainly the fastest growing software product in SAPs history. Make no mistake, SAP is betting the farm on this product, with over 1200 customers and growing, including cloud capability this is technology is the future SAP software platform. With these type of capabilities and superlatives tied to this product, it would not be a surprising to find a higher demand for SAP Hana professionals and multitude of long-term career opportunities. Today large corporations are eager to acquire and build competitive advantages, SAP Hana touts many such advantages, including but not limited to managing massive data volumes at high speeds, provides a much closer to "real" in real-time results, consolidate and gain insights from both structured and unstructured data, makes it easier to integrate a wider variety of enterprise environments and data, offers predictive analytics and complex analysis capabilities, cloud based deployment, long term cost benefits, choice of hardware and software partners to work with and many other benefits.

This course taught over a two week period aims to teach, train and empower students both with hands-on and theoretical knowledge of SAP Hana. Course will be taught using a broad curriculum covering architectural, design and development aspects of each Hana component using practical examples and case study where appropriate. Students gain a broad view of key facets tied to SAP Hana data management, including: planning, modeling, architecture, standards, governance, process, tools and resources; essential to successfully participate in corporate SAP Hana engagements.

Class Highlights

- Gain a solid understanding of SAP HANA in the context of next generation SAP software platform for enterprise resource management and enterprise business analytics /information management
- Learn how to install, configure and deploy SAP Hana, SAP Fiori and Persona on your own **device***
- Work with most current licensed copy of SAP Hana, Fiori and Persona offered for training by SAP
- Understand the principles of data modeling for IMDB (In Memory Database)
- Learn how to Model the IMD included in SAP Hana
- Gain a solid understanding development, architecture, design, and related best practices etc.
- Practical knowledge of each topic will be assessed with daily assignments
- Understand the role of SAP Fiori and build a foundation of Mobility solutions using SAP technology
- Learn how to use SAP Persona to create custom UX experience for SAP Business Users
- * Device must have right configuration meeting SAP minimum configuration requirement

Class Benefits

- **Quality Content:** Comprehensive, effective and practical content will provide a great foundational knowledge base
- **Cost Effective:** Maximizes your training budget: No out-of-town travel expenses.
- **It Is Convenient!** Course will be held onsite or nearby.
- **Expert Instructor:** Learn from the best and brightest practitioners in the industry today.
- **Good Investment:** A great investment to enhance future career prospects in SAP consulting

Who should attend?

Anyone desiring to jump-start their career in the SAP space, seeking to learn and get hands-on exposure to SAP Hana should attend. This course is taught by a highly experience SAP Professional with multiple years of experience deploying SAP Hana solutions, is best targeted at technology professionals with some previous experience with SAP ECC/R/3 or with SAP ABAP, Basis or similar development platforms and programming skills. A pre-requisite is previous knowledge, experience with relational databases and knowledge of SQL. An understanding of enterprise software, operating systems, hardware, business intelligence tools, and integration technologies will enhance the learning experience. Attendees may include information architects, analysts, database administrators, data architects, developers, and anyone else who currently is; may be; or is likely to be responsible for, or has interest in properly managing the full business information lifecycle needs using SAP ERP solution in an enterprise.

Course Outline – SAP HANA with Fiori, Persona

SAP HANA Course	Sub Topics
IMDB Basics (In Memory Database)	History of Enterprise Computing
	Enterprise Application Characteristics
	Changes in H/W
	Dictionary Encoding
	Architecture Blueprint of SanssouciDB
	Compression, Data Layout, Row vs. Column Layout
	Partitioning, Insert, Update, Delete, Insert-Only, Select,
	Tuple Reconstruction, Scan Performance, Materialization Strategies
	Differential Buffer, Merge, Join,
	Parallel Data Processing, Indices, Aggregate Functions, Aggregate Cache
	Enterprise Simulations, Enterprise Simulations on Co-processors
	Logging, Recovery, Replication, Hot-Stand by, Workload Management & Scheduling
	Implications on Application development, Predictive Maintenance
	Database-Driven Data Aging, Actual & Historical Partitions.
SAP HANA	SAP HANA Introduction
	SAP HANA Use cases
	SAP HANA Architecture
SAP HANA Options	SAP HANA Deployment Options
	SAP HANA Implementation & Operations
SAP HANA Modelling	Importing table Def. and Data
	Setting Modelling environment
	Creating Info Views and Preview output
	Working with Att and Measures
SAP HANA Development	SAP HANA Development Introduction
	Setting Up applications, Setting Up persistence model, Setting up Analytical Model
	SQL Script, Developing procedures
	Writing Server-side Java Script
	Building UIs
SAP HANA Clients	Database Client
SAP UX tools	
SAP FIORI	SAP Fiori Overview
	SAP FIORI Apps
	SAP Fiori Products
	System Landscape
	Configuration

	Application implementation, operations, Extensibility
SAP Persona	
	Configuration & Deployment
	Application Design, Initialization
	Run time
	Flavor Editor
	Scripts, Themes

Course Trainer:

Ajay B Chintala:

Ajay is a Senior Consultant at Netra Technologies, Inc., a Chicago-based consulting firm specializing in delivering SAP solutions. Ajay is an SAP Certified SAP HANA Consultant who has designed and delivered solutions using SAP Hana, SAP ABAP, SAP Mobile Solution Development and SAP Fiori over the past dozen years. His clients have included Quicksilver, BP Petroleum, Sony Electronics, Pitney Bowes amongst others.