

TADM55 – SAP HANA: Installing and Administering

Course Duration: 40 Hours

Course Code: TADM55

1. Course Overview

This course provides comprehensive training on **installing, configuring, and administering SAP HANA** databases. Participants will learn to manage system landscapes, monitor performance, ensure high availability, and implement backup and recovery strategies. Hands-on exercises cover **system setup, security management, and troubleshooting** for real-world HANA environments.

2. What You'll Learn?

- Install and configure **SAP HANA** systems.
- Monitor and optimize **system performance**.
- Manage **users, roles, and security settings**.
- Implement **backup, recovery, and high availability** procedures.
- Apply **best practices for administration and troubleshooting**.

3. Target Audience

- SAP Basis administrators and consultants.
- Database administrators responsible for SAP HANA.
- IT staff managing SAP landscapes and high-availability systems.

4. Pre-Requisites

- Basic understanding of **database concepts**.
- Familiarity with **Linux/Windows administration**.
- Knowledge of **SAP NetWeaver** or similar environments is helpful.

5. Course Content

Module 01 – Introduction to SAP HANA

- SAP HANA architecture and system components
- Deployment options and editions

Module 02 – Installing SAP HANA

- Installation planning and prerequisites
- Performing installations on Linux and cloud

Module 03 – Configuring SAP HANA

- System parameters and services
- Tenant and database management

Module 04 – Monitoring SAP HANA

- HANA Studio and Cockpit tools
- Performance metrics and logging

Module 05 – Backup and Recovery

- Backup creation and management
- Recovery procedures and high-availability setup

Module 06 – User and Security Administration

- Role management and authentication
- Security best practices

Module 07 – Troubleshooting and Best Practices

- Common issues and solutions
- System optimization techniques

