ITS®

Oracle Database: Administration Workshop 40 hours

This course is designed to provide you with a firm foundation in administration of an Oracle database. In this course you will gain a conceptual understanding of Oracle Database architecture and learn how to manage an Oracle database in an effective and efficient manner.

Versions Supported: 19c, 18c, 12c

Prerequisites:

Oracle Database: Introduction to SQL

Course Topics

- Introduction
- Oracle Database Architecture
- Introduction to Oracle Database Cloud Service
- Creating DBCS Database Deployments
- Accessing an Oracle Database
- Managing DBCS Database Deployments
- Managing Database Instances
- Understanding Oracle Net Services
- Administering User Security
- Creating PDBs
- Creating Master Encryption Keys for PDBs
- Creating and Managing Tablespaces
- Managing Storage Space
- Managing Undo Data
- Moving Data
- Backup and Recovery Concepts
- Backup and Recovery Configuration
- Creating Database Backups
- Performing Database Recovery
- Monitoring and Tuning Database Performance
- SQL Tuning
- Miscellaneous