

# Oracle Database 19c: Backup and Recovery Course

**Course Duration: 40 Hrs.**

**Course Code: OD19C-BR**

## Course Overview

The Oracle Database 19c: Backup and Recovery Course is designed to provide participants with the knowledge and skills required to safeguard critical data in Oracle environments. This course covers the configuration and implementation of backup strategies, database recovery procedures, and the use of Oracle Recovery Manager (RMAN). Learners will also gain insights into diagnosing and repairing database issues, ensuring business continuity, and applying best practices in disaster recovery planning.

## What you'll learn?

- Understand Oracle backup and recovery architecture.
- Configure RMAN for efficient backup and restore operations.
- Perform full and incremental database backups.
- Execute complete and incomplete recovery scenarios.
- Diagnose and resolve common recovery issues.
- Use RMAN for backup validation and reporting.
- Implement strategies for disaster recovery and high availability.

## Target Audience

- Database Administrators (DBAs).
- IT Professionals responsible for Oracle database operations.
- System Administrators managing database environments.
- Technical Support Engineers.
- Aspiring Oracle Certified Professionals seeking backup and recovery expertise.

## Pre-Requisites

- Basic knowledge of Oracle Database 19c architecture.
- Completion of Oracle Database 19c: Administration Workshop or equivalent experience.
- Familiarity with SQL and database operations.

## Course Content

**Module 1:** Oracle Database Backup and Recovery Overview

**Module 2:** Configuring and Using RMAN

**Module 3:** Performing Backups (Full, Incremental, and Image Copies)

**Module 4:** Database Recovery Concepts and Scenarios

**Module 5:** Performing Complete Recovery

**Module 6:** Performing Incomplete Recovery

**Module 7:** Using Flashback Technologies for Recovery

**Module 8:** Monitoring and Tuning RMAN

**Module 9:** Backup Reporting and Validation

**Module 10:** Diagnosing and Resolving Failures with Data Recovery Advisor

**Module 11:** Implementing Disaster Recovery Best Practices