€TRAINING

Oracle Certified Junior Associate OJA

2 - 6 February 2025
Istanbul (Turkey)

Oracle Certified Junior Associate OJA

Introduction:

This program is designed to prepare participants for the certification exam only.

This training program is designed to prepare participants for the OJA certification, equipping them with foundational knowledge and skills in Oracle technologies. It covers essential Oracle concepts and prepares participants for the certification exam.

Program Objectives:

By the end of this program, participants will be able to:

- Understand the basic principles and functionalities of Oracle technologies.
- Prepare thoroughly for the Oracle Certified Junior Associate exam.
- Apply Oracle-based solutions to real-world business scenarios.
- Develop a foundational understanding of SQL and database management.
- Enhance their IT career prospects by gaining a recognized certification.
- Prepare for the OJA certification exam.

Targeted Audience:

- Entry-level IT professional.
- Individuals seeking a career in database management and development.
- Professionals aiming to obtain an Oracle certification.
- IT educators and trainers preparing candidates for Oracle certification.

Program Outline:

Unit 1:

Introduction to Oracle Technologies:

- Overview of Oracle database systems and their industry applications.
- Understanding the architecture of Oracle databases.
- Key features and benefits of using Oracle for enterprise solutions.
- Introduction to SQL: basic commands and operations.
- Setting up an Oracle development environment.

Unit 2:

SQL Fundamentals:

- Basic SQL syntax and query methods.

- Creating, managing, and manipulating tables using SQL.
- Data types and properties for designing database schemas.
- Functions, expressions, and SQL operators to retrieve data.
- Practice exercises to solidify SQL command knowledge.

Unit 3:

Database Operations and Management:

- Introduction to database administration tasks.
- Techniques for ensuring data integrity and security.
- Backup and recovery strategies for Oracle databases.
- Implementing user privileges and roles for database access control.
- Using Oracle tools for database maintenance and optimization.

Unit 4:

Advanced Features and Functionality:

- Exploring Oracle's advanced features like PL/SQL.
- Developing stored procedures, functions, and packages.
- Utilizing Oracle's transaction control capabilities to maintain data accuracy.
- Integrating Oracle with other applications and data sources.
- Performance tuning and query optimization techniques.

Unit 5:

Certification Exam Preparation:

- Detailed review of the OJA exam structure and question types.
- Effective study techniques and exam strategies.
- Sample exam questions and their answers.
- Resources and materials for continued learning and exam preparation.
- Final tips and advice for succeeding on the certification day.

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