

Oracle database 12c



This training programmer offers candidates an overview on Oracle Database 12c technology. In this course you will learn the fundamental concepts of relational databases and SQL. You will also optimize SQL language skills that allow you to consolidate queries on multiple tables into a single statement, manipulate data and create database objects.

What do I gain from this course?

- Optimize database workloads,
- cut on IT costs,
- high quality service: enable consolidation onto database clouds,
- use single row functions,
- and enhance your knowledge regarding SQL and its basic concepts through practical exercises (exercises will involve using Oracle SQL developer as the main environment tool for writing SQL.)

Who would benefit most from attending this course?

- Application Developers
- Forms Developers
- Functional Implementers
- PL/SQL Developers
- Systems Analysts

Are there any prerequisites or requirements for attending?

Candidates who wish to enroll in this course must comply to the following prerequisites:

- You must be familiar with the data processing techniques and concepts (any suggested course?)
- and you must also be familiar with programming languages in general.

Course objectives:

Upon the completion of this course, candidates will be able to:

- list the features of Oracle database 12c,
- demonstrate the features of Oracle cloud 12c,
- discuss the theoretical and physical aspects of a relational database
- demonstrate how Oracle server optimizes RDBMS and ORDBMS,
- identify the development environments that can be implemented within this course,
- and describe the database and schema used within this course.

Course outlines

- Overview
- Retrieving data using the SQL SELECT statement
- Restricting and sorting data
- Using single-row functions to customize output
- Using conversion functions and conditional expressions
- Reporting aggregated data using the group functions
- Displaying data from multiple tables using Joins
- Using subqueries to solve queries
- Using the SET operators
- Managing tables using DML statements
- Introduction to data definition language