COURSE OVERVIEW

Course Name:

(D80343GC22)
Oracle Database
19c: SQL Workshop

COURSE DURATION: 5 Days

Gauteng:
3rd Floor, 34 Whitely Road
Melrose Arch
Johannesburg
2196

Gauteng:
192 on Bram
192 Bram Fischer Drive
Ferndale, Randburg
Johannesburg
2160

Cape Town:
3rd Floor, Thomas Pattullo Building
19 Jan Smuts St
Cape Town
8000

Durban:
9 Mountview Close
Broadlands
Mount Edgecombe
Durban
4302

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INTRODUCTION

The Oracle Database: SQL Workshop course offers students an introduction to Oracle Database 19c database technology. The students are also introduced to Oracle Database Exadata Express Cloud Service. In this class students learn the concepts of relational databases and the powerful SQL programming language. This course provides the essential SQL skills that allow developers to write queries against single and multiple tables, manipulate data in tables, and create database objects.

DELIVERY METHOD

Our courses have flexible delivery options:
- In-person classroom training at the Impactful training facilities
  - Johannesburg, Durban, Cape Town
- Virtual instructor-led training
- Nationally: on-site at the client

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TARGET AUDIENCE

This course will significantly benefit:

- Administrator
- Developer
- Database Designers
- Support Engineers

PREREQUISITES

- None

COURSE OBJECTIVES

- Identify what a SQL statement is. Understand the Oracle Relational Database. Use SQL Developer. Write reports using SQL Statements. Manipulate data in relational tables and save the data

COURSE CONTENT

- Introduction
- 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 Set Operators
- Managing Tables Using DML Statements in Oracle
- Introduction to Data Definition Language in Oracle
- Introduction to Data Dictionary Views
- Creating Sequences, Synonyms, and Indexes
- Creating Views
- Managing Schema Objects
- Retrieving Data by Using Subqueries
- Manipulating Data by Using Subqueries
- Controlling User Access
- Manipulating Data Using Advanced Queries
- Managing Data in Different Time Zones
- Conclusion

ASSOCIATED EXAMS & CERTIFICATION

- 1Z0-071

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