

COURSE OVERVIEW

Course Name:
(D92199GC22)
**MySQL for
Developers**

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

 **087 941 5764**

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COURSE DESCRIPTION

This five-day instructor led course teaches developers how to plan, design and implement applications using MySQL. Expert Oracle University instructors will teach you through realistic examples, interactive instruction and hands-on exercises using Java and PHP languages. After taking this course, you will be able to write programs that take advantage of the power and flexibility of MySQL. You will have developed the skills to build a database that's optimal for your application, while creating fast and effective queries.

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

COURSE OBJECTIVES

Upon completion, students will be able to:

- Use client programs and options
- Access the database from program code
- Build “NoSQL” applications.
- Write effective queries and stored routines
- Inspect database metadata
- Respond to database events with triggers
- Handle errors and exceptions
- Optimize SQL statements

TARGET AUDIENCE

This course would suit Database Administrators, Developers, Web Administrators.

PREREQUISITES

- Basic knowledge of SQL
- Experience of Java, PHP or another programming or scripting language
- Experience of creating tables and queries in a relational database Oracle requires and recommends that delegates have attended the following course prior to attending this course.
- D61918GC30 MySQL for Beginners

COURSE CONTENT

Lesson 1: Introduction to MySQL
Lesson 2: MySQL Client and Server Concepts
Lesson 3: MySQL Clients
Lesson 4: MySQL Connectors and API's
Lesson 5: Data Types
Lesson 6: SQL Expressions
Lesson 7: Obtaining Metadata
Lesson 8: Databases
Lesson 9: Tables
Lesson 10: Manipulating Table Data
Lesson 11: Transactions
Lesson 12: Joining Tables
Lesson 13: Table Subqueries
Lesson 14: Views
Lesson 15: Prepared Statements
Lesson 16: Stored Routines
Lesson 17: Triggers
Lesson 18: Handling Errors and Warnings
Lesson 19: Optimisation and Monitoring
Lesson 20: Conclusion