

Course Outline

Introduction To MySQL

Profile

Delegates:

New or existing users of MySQL, who have little or no previous experience with a relational database management system.

Objectives:

By the end of the course, delegates will be able to:

- Outline the structure of a MySQL database
- Use the MySQL Client Program and other interfaces
- Create a MySQL database
- Write SQL statements to select data from a MySQL database
- Use joins and subqueries in SQL
- Use SQL expressions and basic functions
- Insert, update, delete and replace data
- Create and alter tables, indexes and views

Understand how privileges are controlled

Topics Covered:

- Client/Server Concepts
- Relational Database Principles
- The MySQL Client Program
- Other MySQL Interfaces
- Data Types
- Creating Databases
- The Basic SELECT Statement
- Selecting Data from Multiple Tables using JOIN
- Grouping and Sorting Output
- Sub-queries
- String, Temporal and Numeric Functions
- Creating, Altering and Dropping Tables
- Creating, Altering and Dropping Views
- Primary and Foreign Key Constraints
- Creating and Dropping Indexes
- Inserting, Updating and Deleting Data
- Controlling Access

Requirements:



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A basic understanding of IT is required.

Note:

Before taking any exam, ensure you have the recommended experience.