

# Course Outline

## MySQL For Developers II

### Profile

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#### Delegates:

MySQL Developers who have an understanding of a MySQL database and SQL commands as covered on the Introduction to MySQL course and the MySQL for Developers I course. The content of the course covers the topics required for the Certified MySQL Developer II examination.

#### Objectives:

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

- Import and export data
- Perform complex joins to access multiple tables
- Perform complex subqueries
- Manage and use views
- Use variables and prepared statements
- Create and use stored routines
- Create and use triggers
- Obtain database metadata
- Debug MySQL applications
- Understand basic optimisations

#### Topics Covered:

- Importing and Exporting Data using SQL
- Import and Export from the Command Line
- Complex Joins and Subqueries
- Managing and Using Views
- User Variable Syntax and Properties
- Prepared Statements
- Stored Routine Definition
- Procedures and Functions
- Creating, Dropping and Altering Stored Routines
- Invoking Stored Routines
- Trigger Concepts
- Creating and Using Triggers
- Privileges for Stored Routines and Triggers
- Obtaining Database Metadata
- Debugging MySQL Applications
- Optimization Principles
- Storage Engines



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## Requirements:

A good working knowledge of MySQL is required. This can be gained by attendance on the Introduction to MySQL course, and the MySQL for Developers I course.

## Note:

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

## Pre-Requisite Courses:

- Introduction to MySQL
- MySQL for Developers I

## Follow-On Courses:

- MySQL Database Administration
- Perl Programming