

MySQL Dev & Admin Training Syllabus

Theory, Terminology and Concepts

- Client/Server Concepts
- Database and Database Objects

Data Definition using SQL

- Databases
- Data Types
- Tables
- Constraints and Indexes
- Views

Basic Data Manipulation using SQL

- Recurring SQL Constructs
- Adding data
- Modifying data
- Removing data
- Searching data

Advanced Data Manipulation using SQL

- Expressions
- Grouping and Aggregate Functions
- Joining Tables

Transactions

- Transaction Concepts
- SQL for working with Transaction

Import/Export

- Tools for Import/Export
- SQL for Import/Export

MySQL Admin

- Install and configure MySQL Server and client programs.
- Recognize the key components of the MySQL architecture.
- Secure your server.
- Troubleshoot server slowdowns and other issues.
- Improve query performance.
- Configure and administer a variety of replication topologies.
- Understand the benefits of MySQL Cloud.