

MySQL for Beginners

Duration

4 days

Description:

Want to join the wonderful world of MySQL? Here's your chance to learn how this powerful relational database management system can make your life easier and more fun! This class covers all the basics and will get you on your way, with a solid foundation.

This instructor led, hands-on class covers the fundamentals of SQL and relational databases, using MySQL as a teaching tool.

At completion of this course, you should be able to:

- Understand the features and benefits of MySQL
- Be able to find information about products, support and training
- Be able to install and start the MySQL server
- Understand the basics of Relational Databases
- Understand the SQL and MySQL languages
- Understand Data/Column types with regard to efficient database design
- Be able to view a database design structure/content
- Create a database design using an efficient structure
- Be able to extract basic database information using the SELECT command
- Be able to troubleshoot syntax and understand typical warnings and errors
- Be able to delete or modify a database
- Be able to delete or modify table row data
- Grouping query data with Aggregation
- Connect data from multiple table rows using JOIN
- Perform nested sub-queries
- Use of Simple Functions (String, Date, Numerical)
- Understand the primary methods for exporting and importing data
- Describe MySQL connectors, their major features and differences.
- Understand MySQL storage engines, transactions and features of the common engines

Products Covered

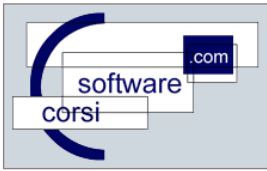
MySQL 5.0, command-line and graphical clients/tools.

Who Should Attend

New or existing users of MySQL, who have little or no previous experience with a relational database management system. Both new MySQL Developers and Database Administrators will benefit from this class.

Prerequisites

Basic computer literacy is required. Previous experience with any command-line program (such as MS-DOS) is beneficial. Some knowledge of database concepts would be very helpful but is not necessary. If you have previous database



experience, we recommend you compile a set of questions before the course. This will ensure you get the most out of your time with the instructor.

Format

Instructor led, highly interactive classroom setting with many exercises. Each student will be provided with a PC (which may be shared with at most one other student).