

Fundamentals of MySQL

Modality: Self-Paced Learning

Duration: 20 Hours

If you're new to web development, MySQL is the most popular database technology out there. This free technology is used to create the majority of database dependent websites (which most are). This course will start at the very beginning, with lessons on what MySQL is and how it works, to installing MySQL, then moving on to all the basic skills you'll need to use MySQL in the real world. You will also learn the popular new MySQLi framework. MySQLi is the next generation of MySQL, and if you know this now you will be ahead of the competition for a long time to come.

Course Outline:

Introduction to MySQL

- What Is MySQL?
- Installing MySQL
- Accessing the MySQL Monitor
- Using PHPmyAdmin

The Basics of MySQL

- Creating Databases
- Deleting Databases
- Creating Tables
- Listing and Describing Tables
- Auto Increment IDs
- Inserting Records
- Selecting Records
- Renaming Tables
- Deleting Records
- Updating Records
- Limiting Records
- Ordering Records
- Joins
- Like Clause
- Counting Records

Introduction to MySQL and PHP

- Introduction to MySQLi
- Introduction to PHP Data Objects

MySQLi Basics

- Getting Connected
- Basic Queries
- Getting Results
- Getting Result Counts
- Looping Through Results
- SQL Injections
- Variables in Queries
- Escaping Values
- Prepared Statements

Project | Creating a Database Wrapper

- Introduction
- Creating a Test Database
- Basic Functionalities
- Adding More Functionalities

Project | Building a Contact Form

- Introduction
- Creating the Table
- Inserting Your Records
- Outputting the Data