

Introduction to MySQL

2 day training course



Course contents

This course will cover the following topics. Those marked with (*) will be covered if time allows.

MySQL installation overview

- Installation on Windows
- MySQL Service
- The User account
- Command line interface

Setting criteria using WHERE

- Creating criteria
- Using wildcards
- Filtering by date
- Handling nulls

Aggregation and grouping

- Single statistics
- Various ways to count
- Grouping by columns
- Filtering results using HAVING

Using MySQL Workbench

- Connections
- The Navigator
- The main window
- The schema window

Calculations

- Calculated columns
- Using aliases
- Converting data types
- Using built-in functions

Subqueries (*)

- Subquery syntax
- Creating subqueries
- Using subqueries in a query

Creating databases

- Designing databases
- Primary keys

Calculations using dates

- The current date/time
- Using date functions

Derived tables and CTEs (*)

- Using derived tables
- Common Table Expressions (CTEs)
- Multiple CTEs

Working with tables

- Creating tables
- Field types
- Creating relationships

Joins

- Inner joins
- Giving tables aliases
- Left and right outer joins

Models (*)

- Entity Relationship Diagrams (ERDs)
- Reverse engineering ERDs

Simple queries

- Creating SELECT queries
- Commenting your queries
- Good coding practice
- Table and column aliases

Pre-requisites for Introduction to MySQL course

There aren't any pre-requisites for this course, although you'll find it easier if you've already seen a relational database (one with lots of tables joined together).

Prices

Venue	Address	Price per place
London	Landmark, 99 Bishopsgate, London EC2M 3XD	£1,425 per person + VAT
Manchester	Holiday Inn, 25 Aytoun Street, Manchester M1 3AE	£1,050 per person + VAT
Online	Your home or office!	£875 per person + VAT

Scheduled Dates

Dates	Venue	Times	Price per place	Booking
Tue/Wed 24-25 June 2025	Online	09:30-16:30	£875 + VAT	Book this
Thu/Fri 14-15 August 2025	Online	09:30-16:30	£875 + VAT	Book this
Thu/Fri 28-29 August 2025	Online	09:30-16:30	£875 + VAT	Book this
Mon/Tue 29-30 September 2025	Online	09:30-16:30	£875 + VAT	Book this
Thu/Fri 30-31 October 2025	Online	09:30-16:30	£875 + VAT	Book this

If you can't see the dates that you want, ask us about organizing a customized course at your office (we'll provide and set up the computers), or else an online course tailored to your needs.