

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

Using MySQL Workbench

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

Creaitng databases

- Designing databases
- Primary keys

Working with tables

- · Creating tables
- Field types
- Creating relationships

Simple queries

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

Setting criteria using WHERE

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

Calculations

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

Calculations using dates

- The current date/time
- Using date functions

Joins

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

Aggregation and grouping

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

Subqueries (*)

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

Derived tables and CTEs (*)

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

Models (*)

- Entity Relationship Diagrams (ERDs)
- Reverse engineering ERDs



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
<u>London</u>	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 27-28 January 2026	Online	09:30-16:30	£875 + VAT	Book this
Thu/Fri 26-27 February 2026	Online	09:30-16:30	£875 + VAT	Book this
Mon/Tue 30-31 March 2026	Online	09:30-16:30	£875 + VAT	Book this
Tue/Wed 28-29 April 2026	Online	09:30-16:30	£875 + VAT	Book this
Thu/Fri 28-29 May 2026	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.