



Introduction to SQL

1 Day | Private or Public | Classroom or Online



UK Register
of Learning
Providers

www.mtraining.co.uk

Course Overview

1 Day SQL Training

Discover how to write powerful SQL queries that transform raw data into valuable insights for reporting and analysis.

Introduction

This 1-day SQL training course is designed for professionals who want to confidently work with data stored in relational databases.

Throughout the day, you'll learn how to retrieve, filter, sort, and summarise data using SQL, before combining information from multiple tables to answer real business questions. The course balances practical exercises with key database concepts, giving you a solid foundation in SQL.

Course Objectives

By the end of the course, you'll have the skills and confidence to write SQL queries that extract meaningful information from databases, analyse data efficiently, and produce accurate results for reporting and decision-making

Who would benefit from this course?

This course is ideal for business professionals, data analysts, reporting specialists, and anyone who needs to query data from a relational database.

No previous SQL experience is required. A basic understanding of working with data in applications such as Excel is recommended, but all SQL concepts are introduced from the ground up.

Highlights

-  5 Star Rated Course
-  Small Class Sizes
-  100% Trainer led
-  Practice Led Learning
-  3 Months Online Support
-  Detailed Course Materials
-  Certificate of Completion
-  Lunch Provided
-  Private Or Public Courses
-  Classroom or Online



Course Outline

1 Day SQL Training

Learn how to write SQL queries to extract, filter, and summarise data to produce clear, structured outputs for reporting and analysis.

Introduction

- ✓ What is SQL?
- ✓ What is a database?
- ✓ SQL vs database tools
- ✓ Tables, rows, and columns
- ✓ Understanding relational data

Data Setup

- ✓ Setting up the Data Environment
- ✓ Setting up the database

Retrieving Data

- ✓ Writing SELECT statements
- ✓ Specifying a table with FROM
- ✓ Selecting specific columns

Sorting Data

- ✓ Sorting data with ORDER BY
- ✓ Removing duplicates with DISTINCT
- ✓ Limiting results with LIMIT

Filtering Data

- ✓ Filtering data with WHERE
- ✓ Using AND / OR logic
- ✓ Filtering with a list of values IN
- ✓ Filtering within a range BETWEEN
- ✓ Working with NULL values

Working with Dates

- ✓ Filtering dates with WHERE
- ✓ Extracting parts of a date (EXTRACT)
- ✓ Current date functions (CURRENT_DATE, NOW())
- ✓ Date arithmetic (adding/subtracting days)

Summarising Data

- ✓ COUNT
- ✓ COUNT DISTINCT
- ✓ SUM
- ✓ AVG
- ✓ MIN & MAX

GROUP BY

- ✓ Grouping Data
- ✓ HAVING
- ✓ Order of Operations

Working with Multiple Tables

- ✓ Why data is split into tables
- ✓ Primary keys & foreign keys
- ✓ How relationships enable joins
- ✓ Combining Data
- ✓ INNER JOIN
- ✓ Filtering Combined Data

“

The course was excellent, and covered a range of areas really well. The trainer was extremely knowledgeable and helped make the course insightful and really useful.

”

Neil W, Jodrell Bank



Delivery Options

1 Day SQL Training

Public Open Courses

We offer this course as an open public course. Dates can be found on our website.

These are ideal if you are booking for one to four people and don't have the budget for a private course.

Our public courses are **limited to 6 people** to ensure you get the help and support you need.

Venues

- ✓ Manchester Science Park
- ✓ Liverpool City Centre
- ✓ Online (via Zoom)

Timing

9:30am to 4/4:30pm

Public Course Pricing

- 1 Delegates – From £375 + VAT*
- 2 Delegates – From £575 + VAT*
- 3 Delegates – From £730 + VAT*
- 4 Delegates – From £830 + VAT*

Private Inhouse Courses

We offer this course as a private course.

Dates will be sent to you to choose from.

Private courses are ideal for 1-2-1 or group bookings, or if you want the course content designed to your specific needs.

Venues

Online via Teams or Zoom

Inhouse at your offices

At one of our training centres

At a venue of your choosing

Timing

Normally 9:30 to 4/4:30 but this can be altered to suit you.

Private Course Pricing

In-Person From £750 + VAT*

Online From £650 + VAT *

Please call 0161 226 6032 or email info@mtraining.co.uk with details of the venue and number of delegates to receive a quote.

* Please check website or email us for latest prices and discounts

 INHOUSE (UK WIDE)

 MANCHESTER

 LIVERPOOL

 ONLINE

[Click here](#) for dates and the latest prices or email info@mtraining.co.uk



Reviews

M Training Delegate Feedback



Rachel was excellent during our training session. The mixed ability group made the knowledge transfer a challenge, but Rachel took it in her stride and adapted to the needs of her audience with ease. Will definitely be considering more training courses with M Training after our initial experience

Michaela J, GMP

The trainer had excellent knowledge of the subject and was very clear in her delivery. She allowed plenty of opportunities to ask questions which she answered fully

Ghazalla H, UK Parliament

I attended several courses which were all very informative, well-structured and delivered to a high standard. All questions I had during the day were answered. I left with increased knowledge and feeling confident about the specific areas.

Matthew Mycock, Haywater Healthcare

Really enjoyed the course and found it very helpful. The trainer had lots of advice to give.

Matthew Purdon, Alliance Automotive Group

I would highly recommend M Training courses due to the high value content and for the fact they were tailored to our website. The trainer was very knowledgeable and friendly! I would definitely use M Training for any future courses, Thanks

Jodie Pennington, Ascot Mortgages Ltd

Great experience, Great tutor at a great central setting close to University of Manchester University. No negative points, would highly recommend.

Richard Allen, University of Manchester

Personal, practical and clear approach. I have found it really helpful. I am leaving feeling a lot more confident. Thank you.

Lauren Banks, Manchester Cares

The trainer was extremely knowledgeable and created a relaxed but engaging environment.

Grace D, HarperCollins

Rachel was a great teacher and was able to go through each subject with us explaining in detail and was able to assist where needed with extra questions and help with assigned tasks to make things clear. Thank you

Nicola W, Expert Complete Property Maintenance Ltd



Why choose M Training?

-  Rated 5 Stars in Google, Facebook, Find Courses and on post-course feedback
-  Highly experienced and qualified trainers who are experts in their field
-  Small Class Sizes for personal support throughout your course
-  Convenient locations in Manchester, Birmingham, Leeds & Liverpool
-  Private 1-2-1 and group courses online and in person anywhere in the UK
-  Detailed course notes/training manuals
-  Free Certificates of Completion
-  3 months ongoing email support

How to Book

If you have any questions, or would like to book a course, send us an email or give us a call.

Email: info@mtraining.co.uk

Call: 0161 226 6032

Visit: www.mtraining.co.uk

Payment: We will invoice you and you can pay by bank transfer or credit card.

We work with:



Manchester: Base, Greenheys Lane, Manchester Science Park M15 6LR.
Leeds: West One, 114 Wellington Street, Leeds, LS1 1BA.
Birmingham: Cornwall Buildings, 45 Newhall Street, Birmingham, B3 3QR.
Liverpool: The Plaza, 100 Old Hall; Street, Liverpool L3 9QJ.

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