SQL Querying Fundamentals - Part 1

Category: AI, Data & Analytics | **Vendor:** Microsoft Technical

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

Over 70% of business decision-makers say their teams struggle with data access—most don’t know how to use SQL effectively. This one-day beginner-level training course provides a hands-on introduction to SQL fundamentals using Microsoft SQL Server. You’ll learn SQL from the ground up, gaining the skills to write queries, filter and sort results, combine data from multiple tables, and manipulate output for analysis or reporting. Real-world exercises guide you through every step so you can confidently retrieve information from a relational database.

About This Course

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Who Should Attend

Individuals with basic computer skills, familiar with concepts related to database structure and terminology, and who want to use SQL to query databases.

Prerequisites & Entry Requirements

General Prerequisites:

- Basic computer literacy
- Basic PC operating system navigation skills
- Basic Internet usage skills

Learning Outcomes

Upon successful completion of this course, participants will be able to:

After completing this course, you’ll be equipped to use SQL to extract and manipulate data from relational databases. You'll gain practical experience writing queries, formatting results, and applying functions using SQL Server. Run basic SQL statements to retrieve data Apply conditions and logical filters using WHERE clauses Use string, numeric, and date functions for calculated results Organize and group query output Join tables and identify missing or unmatched records

Detailed Course Outline

Module 1: Executing Basic SQL Statements

- Connect to a SQL Server database
- Create, modify, and execute queries
- Save and reopen query files

Module 2: Filtering with Conditional Logic

- Limit results using comparison operators
- Combine multiple conditions
- Search for ranges, NULL values, and patterns

Module 3: Using Built-In SQL Functions

- Perform date and time calculations
- Manipulate strings and text fields
- Calculate summaries with aggregate functions

Module 4: Structuring and Summarizing Output

- Sort results and apply custom rankings
- Group data and filter grouped rows
- Pivot and unpivot results for advanced formatting

Module 5: Working Across Tables

- Merge data with inner and outer joins
- Identify records without matches
- Compare and combine multiple result sets

Module 6: Exporting Results and Creating Reports

- Format and save query results
- Generate basic XML output
- Review common reporting use cases

Upcoming Schedule

Available training dates for SQL Querying Fundamentals - Part 1:

Start Date	End Date	Location	Delivery	Price
24 Nov 2026	24 Nov 2026	Online	Virtual	€695.00
15 Dec 2026	15 Dec 2026	Online	Virtual	€695.00

Frequently Asked Questions

Q: What delivery options are available for SQL Querying Fundamentals - Part 1?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 1-day SQL Querying Fundamentals - Part 1 course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the SQL Querying Fundamentals - Part 1 training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for SQL Querying Fundamentals - Part 1?

Yes, we provide corporate training, dedicated training, and closed classes for SQL Querying Fundamentals - Part 1. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for SQL Querying Fundamentals - Part 1?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your SQL Querying Fundamentals - Part 1 training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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