SQL Querying Fundamentals - Part 2

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

Think you know SQL? Time to level up. SQL appears in over 45% of all data job postings, making it the most in-demand skill for data professionals. In this SQL training course, you'll build on your foundational skills to write advanced queries, structure and index tables, and control how data is stored and manipulated. Through real-world exercises and expert instruction, you'll learn how to use subqueries, manage views, and execute transactions—giving you the tools to confidently handle more complex data scenarios.

About This Course

Think you know SQL? Time to level up. SQL appears in over 45% of all data job postings, making it the most in-demand skill for data professionals. In this SQL training course, you'll build on your foundational skills to write advanced queries, structure and index tables, and control how data is stored and manipulated. Through real-world exercises and expert instruction, you'll learn how to use subqueries, manage views, and execute transactions—giving you the tools to confidently handle more complex data scenarios.

Who Should Attend

Students should have basic computer skills, SQL skills, and be familiar with concepts related to database structure and terminology.

Prerequisites & Entry Requirements

General Prerequisites:

- SQL Querying Fundamentals - Part 1

Learning Outcomes

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

After completing this course, students will be able to perform advanced SQL operations on relational databases to retrieve, manipulate, and secure data more effectively. You will gain skills in: Writing subqueries and multi-level subqueries Inserting, updating, and deleting data in tables Creating and modifying table structures and constraints Creating views and performing data operations through views Creating and managing indices for optimized performance Using transactions to manage changes with commit and rollback

Detailed Course Outline

1. Using Subqueries to Perform Advanced Querying

- Search Based on Unknown Values
- Compare a Value with Unknown Values
- Search Based on the Existence of Records
- Generate Output Using Correlated Subqueries
- Filter Grouped Data Within Subqueries
- Perform Multiple-Level Subqueries

2. Manipulating Table Data

- Insert Data
- Modify and Delete Data

3. Manipulating the Table Structure

- Create a Simple Table
- Create a Table with Constraints
- Add or Drop Table Columns
- Add or Drop Constraints
- Modify the Column Definition
- Back Up Tables
- Delete Tables

4. Working with Views

- Create a View
- Manipulate Data in Views
- Create Aliases
- Modify and Drop Views

5. Indexing Data

- Create Indices
- Drop Indices

6. Managing Transactions

- Create Transactions
- Commit Transactions

Upcoming Schedule

Available training dates for SQL Querying Fundamentals - Part 2:

Start Date	End Date	Location	Delivery	Price
18 Dec 2026	18 Dec 2026	Online	Virtual	€695.00

Frequently Asked Questions

Q: What delivery options are available for SQL Querying Fundamentals - Part 2?

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 2 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 2 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 2?

Yes, we provide corporate training, dedicated training, and closed classes for SQL Querying Fundamentals - Part 2. 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 2?

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 2 training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

Email: info@nexushuman.com

Website: www.nexushuman.com

Phone: +353 1 889 8700 (Ireland) | +44 20 8142 8961 (UK)

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