DP-080T00 Querying Data with Microsoft Transact-SQL

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

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	Microsoft Applied Skills: Query data using Microsoft Transact-SQL
Related Exam:	DP-080

Course Overview

This course will teach the basics of Microsoft's dialect of the standard SQL language: Transact-SQL. Topics include both querying and modifying data in relational databases that are hosted in Microsoft SQL Server-based database systems, including: Microsoft SQL Server, Azure SQL Database and, Azure Synapse Analytics.

About This Course

This course will teach the basics of Microsoft's dialect of the standard SQL language: Transact-SQL. Topics include both querying and modifying data in relational databases that are hosted in Microsoft SQL Server-based database systems, including: Microsoft SQL Server, Azure SQL Database and, Azure Synapse Analytics.

Who Should Attend

This course can be valuable for anyone who needs to write basic SQL or Transact-SQL queries. This includes anyone working with data as a data analyst, a data engineer, a data scientist, a database administrator or a database developer. It can also be useful for others peripherally involved with data, or wanting to learn more about working with data such as solution architects, students and technology managers.

Learning Outcomes

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

Course ObjectivesUse SQL Server query toolsWrite SELECT statements to retrieve columns from one or more tablesSort and filter selected dataUse built-in functions to returned data valuesCreate groups of data and aggregate the resultsModify data with Transact-SQL using INSERT, UPDATE, DELETE and MERGE., Course ObjectivesUse SQL Server query toolsWrite SELECT statements to retrieve columns from one or more tablesSort and filter selected dataUse built-in functions to returned data valuesCreate groups of data and aggregate the resultsModify data with Transact-SQL using INSERT, UPDATE, DELETE and MERGE., Course ObjectivesUse SQL Server query toolsWrite SELECT statements to retrieve columns from one or more tablesSort and filter selected dataUse built-in functions to returned data valuesCreate groups of data and aggregate the resultsModify data with Transact-SQL using INSERT, UPDATE, DELETE and MERGE., Course ObjectivesUse SQL Server query toolsWrite SELECT statements to retrieve columns from one or more tablesSort and filter selected dataUse built-in functions to returned data valuesCreate groups of data and aggregate the resultsModify data with Transact-SQL using INSERT, UPDATE, DELETE and MERGE., Course ObjectivesUse SQL Server query toolsWrite SELECT statements to retrieve columns from one or more tablesSort and filter selected dataUse built-in functions to returned data valuesCreate groups of data and aggregate the resultsModify data with Transact-SQL using INSERT, UPDATE, DELETE and MERGE., Course ObjectivesUse SQL Server query toolsWrite SELECT statements to retrieve columns from one or more tablesSort and filter selected dataUse built-in functions to returned data valuesCreate groups of data and aggregate the resultsModify data with Transact-SQL using INSERT, UPDATE, DELETE and MERGE., Course ObjectivesUse SQL Server query toolsWrite SELECT statements to retrieve columns from one or more tablesSort and filter selected dataUse built-in functions to returned data valuesCreate groups of data and aggregate the resultsModify data with Transact-SQL using INSERT, UPDATE, DELETE and MERGE., Course ObjectivesUse SQL Server query toolsWrite SELECT statements to retrieve columns from one or more tablesSort and filter selected dataUse built-in functions to returned data valuesCreate groups of data and aggregate the resultsModify data with Transact-SQL using INSERT, UPDATE, DELETE and MERGE., Course ObjectivesUse SQL Server query toolsWrite SELECT statements to retrieve columns from one or more tablesSort and filter selected dataUse built-in functions to returned data valuesCreate groups of data and aggregate the resultsModify data with Transact-SQL using INSERT, UPDATE, DELETE and MERGE., Course ObjectivesUse SQL Server query toolsWrite SELECT statements to retrieve columns from one or more tablesSort and filter selected dataUse built-in functions to returned data valuesCreate groups of data and aggregate the resultsModify data with Transact-SQL using INSERT, UPDATE, DELETE and MERGE., Course ObjectivesUse SQL Server query toolsWrite SELECT statements to retrieve columns from one or more tablesSort and filter selected dataUse built-in functions to returned data valuesCreate groups of data and aggregate the resultsModify data with Transact-SQL using INSERT, UPDATE, DELETE and MERGE., Course ObjectivesUse SQL Server query toolsWrite SELECT statements to retrieve columns from one or more tablesSort and filter selected dataUse built-in functions to returned data valuesCreate groups of data and aggregate the resultsModify data with Transact-SQL using INSERT, UPDATE, DELETE and MERGE., Course ObjectivesUse SQL Server query toolsWrite SELECT statements to retrieve columns from one or more tablesSort and filter selected dataUse built-in functions to returned data valuesCreate groups of data and aggregate the resultsModify data with Transact-SQL using INSERT, UPDATE, DELETE and MERGE., Course ObjectivesUse SQL Server query toolsWrite SELECT statements to retrieve columns from one or more tablesSort and filter selected dataUse built-in functions to returned data valuesCreate groups of data and aggregate the resultsModify data with Transact-SQL using INSERT, UPDATE, DELETE and MERGE., Course ObjectivesUse SQL Server query

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Detailed Course Outline

1 - Introduction to Transact-SQL

- Work with schemas
- Explore the structure of SQL statements
- Examine the SELECT statement
- Work with data types
- Handle NULLs

2 - Sort and filter results in T-SQL

- Sort your results
- Limit the sorted results
- Page results
- Remove duplicates
- Filter data with predicates

3 - Combine multiple tables with JOINs in T-SQL

- Understand joins concepts and syntax
- Use inner joins
- Use outer joins
- Use cross joins
- Use self joins

4 - Write Subqueries in T-SQL

- Understand subqueries
- Use scalar or multi-valued subqueries
- Use self-contained or correlated subqueries

5 - Use built-in functions and GROUP BY in Transact-SQL

- Categorize built-in functions
- Use scalar functions
- Use ranking and rowset functions
- Use aggregate functions
- Summarize data with GROUP BY
- Filter groups with HAVING

6 - Modify data with T-SQL

- Insert data
- Generate automatic values
- Update data
- Delete data
- Merge data based on multiple tables

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, LAB Outline, Get Started Querying with Transact-SQL, Modify data with T-SQL, Introduction to Transact-SQL, Sort and filter results in T-SQL, Combine multiple tables with JOINs in T-SQL, Write Subqueries in T-SQL, Use built-in functions and GROUP BY in Transact-SQL

□□ Certification Path

Microsoft Applied Skills: Query data using Microsoft Transact-SQL

Exam: DP-080

Upcoming Schedule

Available training dates for DP-080T00 Querying Data with Microsoft Transact-SQL:

Start Date	End Date	Location	Delivery	Price
24 Nov 2026	25 Nov 2026	Online	Virtual	€1,295.00
28 Jan 2027	29 Jan 2027	Online	Virtual	€1,295.00

Additional Course Details

Nexus Humans DP-080 Querying Data with Microsoft Transact-SQL training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the DP-080 Querying Data with Microsoft Transact-SQL course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for DP-080T00 Querying Data with Microsoft Transact-SQL?

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: What certification does this course prepare me for?

The DP-080T00 Querying Data with Microsoft Transact-SQL course helps prepare you for the Microsoft Applied Skills: Query data using Microsoft Transact-SQL certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the DP-080 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 2-day DP-080T00 Querying Data with Microsoft Transact-SQL course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the DP-080T00 Querying Data with Microsoft Transact-SQL training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for DP-080T00 Querying Data with Microsoft Transact-SQL?

Yes, we provide corporate training, dedicated training, and closed classes for DP-080T00 Querying Data with Microsoft Transact-SQL. 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: What related terms do people search for?

Popular related searches include: dp80 dp080 sql fundamentals getting started with sql beginnners sql dp 80 dp 080 querying for beginners, DP-080T00: Query and modify data with Transact-SQL, Microsoft, vILT, DP-080T00

Q: Why choose Nexus Human for DP-080T00 Querying Data with Microsoft Transact-SQL?

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 DP-080T00 Querying Data with Microsoft Transact-SQL 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

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