

MICROSOFT OFFICIAL CURRICULUM

Microsoft

DP-080T00

Query and modify data with Transact-SQL

Official Microsoft Learn-aligned instructor-led program for Query and modify data with Transact-SQL.

Data

Beginner

Azure

DURATION
2 days

LEVEL
Beginner

FORMAT
Virtual, On-site, or Hybrid

CERTIFICATION
DP-080T00

AUDIENCE PROFILE

Built for these roles

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.

OVERVIEW

Executive 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, Azure Synapse Analytics, and Microsoft Fabric.

PROGRAM OUTCOMES

Capabilities your teams will gain

- Strengthen capability in data scenarios
- Strengthen capability in azure scenarios
- Strengthen capability in role-based scenarios

ENTERPRISE CUSTOMIZATION

Enterprise customization

Tailor this program to your organization's priorities: Builds current Microsoft credential readiness for Query and modify data with Transact-SQL using the official Microsoft Learn outline.

Customization options

- Align labs to your production environment and platform priorities
- Add readiness reviews and instructor-led practice sessions
- Extend into project-specific architecture or delivery coaching

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Curriculum roadmap

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MODULE 1

Query and modify data with Transact-SQL

Learn how to use Transact-SQL (T-SQL) to interact with relational databases by querying and modifying data. This course covers essential operations such as inserting, updating, deleting, and merging data across tables. You'll also explore how to generate automatic values and apply changes efficiently using SQL Server or Azure SQL environments.

- 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
- Modify data with T-SQL

PRIVATE DELIVERY

Plan a private cohort for your team

Scope delivery format, role mix, and rollout timeline with our solutions team.

Plan Private Delivery

Book advisory call

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TALK TO US

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