

## COURSE OUTLINE

**Course Code: DP-080T00**

## Querying Data with Microsoft Transact-SQL



Infrastructure  
Azure

Training Services

### DURATION

2 Days

### SKILL LEVEL

Beginner

### DELIVERY METHOD

ILT

### TRAINING CREDITS

N/A

### TECHNOLOGY

Microsoft

## 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

## Prerequisites

Before starting this module, it's helpful to have experience of working with tables with data; for example in a spreadsheet.

## Target Audience

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.

Job role: Database Administrator

## Course Topics

- 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