

DP 080 Query and Modify Data with Transact-SQL



Duration: 2 days

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.

Prerequisites: Familiarity with working with tables of data, for example in a spreadsheet.

Description: 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.

OUTLINE:

MODULE 1: INTRODUCTION TO TRANSACT-SQL

MODULE 2: SORT AND FILTER RESULTS IN T-SQL

MODULE 3: COMBINE MULTIPLE TABLES WITH JOINS IN T-SQL

MODULE 4: WRITE SUBQUERIES IN T-SQL

MODULE 5: USE BUILT-IN FUNCTIONS AND GROUP BY IN TRANSACT-SQL

MODULE 6: MODIFY DATA WITH T-SQL