Querying Data with Microsoft Transact-SQL

Duration: 2 Days   Course Code: M-DP080

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.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

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.

Prerequisites:

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

Content:

Module 1: Introduction to Transact-SQL

- This module provides an introduction to relational databases, the SQL language and Transact-SQL. You'll learn what kinds of statements make up the SQL language and look at the SELECT statement in detail.

Module 2: Sort and filter results in T-SQL

- Learn how to sort and filter query results

Module 3: Combine multiple tables with JOINs in T-SQL

- Explore T-SQL queries accessing data from multiple tables with various kinds of JOIN operations.

Module 4: Write Subqueries in T-SQL

- Learn how to use subqueries to combine multiple SELECT statements and compose nested queries.

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

- Learn how to use functions in Transact-SQL, and how to group aggregated results.

Module 6: Modify data with T-SQL

- Learn how to use Transact-SQL to insert, update, and delete data in a database.

Further Information:

For More information, or to book your course, please call us on Head Office Tel.: +974 40316639

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