

Querying Microsoft SQL Server

20461C



Delivery Type: Classroom

Duration: 5 days

Overview:

This 5-day instructor led course provides students with the technical skills required to write basic Transact-SQL queries for Microsoft SQL Server 2014. This course is the foundation for all SQL Server-related disciplines; namely, Database Administration, Database Development and Business Intelligence. This course helps people prepare for exam 70-461.

Audience Profile:

This course is intended for Database Administrators, Database Developers, and Business Intelligence professionals. The course will very likely be well attended by SQL power users who aren't necessarily database-focused or plan on taking the exam; namely, report writers,

business analysts and client application developers.

Course Completion:

After completing this course, students will be able to:

- ✓ Describe the basic architecture and concepts of Microsoft SQL Server 2014.
- ✓ Understand the similarities and differences between Transact-SQL and other computer languages.
- ✓ Write SELECT queries
- ✓ Query multiple tables
- ✓ Sort and filter data
- ✓ Describe the use of data types in SQL Server
- ✓ Modify data using Transact-SQL
- ✓ Use built-in functions
- ✓ Group and aggregate data
- ✓ Use subqueries
- ✓ Use table expressions

- ✓ Use set operators
- ✓ Use window ranking, offset and aggregate functions
- ✓ Implement pivoting and grouping sets
- ✓ Execute stored procedures
- ✓ Program with T-SQL
- ✓ Implement error handling
- ✓ Implement transactions

Prerequisites:

This course requires that you meet the following prerequisites:

- ✓ Working knowledge of relational databases.
- ✓ Basic knowledge of the Microsoft Windows operating system and its core functionality.