

SQL Server Query Writing



Part 2: Doing with more with your data

The purpose of the training is to equip participants with more skills in SQL querying techniques, enabling them to efficiently retrieve and manipulate data from relational databases. The training covers a broad range of topics.

Course Duration: This is a One Day Course

Target Audience

The course is designed for delegates who need to extend on the basic concepts of SQL Server query writing.

Delegate Pre-Requisites

Attendees have previously attended the Part 1: Introduction to SQL Server Query Writing, or experience writing queries using the concepts covered in the Part 1 course.

The Content

Review Multi-table queries using INNER/OUTER Joins

Writing CROSS join & 'Self' join queries.

Combining queries with SET operators

- UNION,
- UNION ALL,
- INTERSECT,
- EXCEPT

Creating more expressions using Functions

- String Functions
- Maths Functions
- Date Functions
- Conversion Functions

Writing Subqueries

- Subquery overview & rules
- Simple subqueries
- Correlated subqueries

Performing Analysis with Analytic & Window Functions

- OVER Clause
- PARTITION BY clause
- ROW_NUMBER, RANK, DENSE_RANK, LAG, LEAD, FIRST_VALUE and LAST_VALUE functions

Extending the 'reach' of your queries using temporary named result sets

- Creating Derived tables
- Creating Common Table Expressions (CTE's)

SQL Best Practice Tips

These guidelines can help improve the quality and efficiency of SQL code and contribute to the overall success of database projects.

We currently do not provide public schedule courses for this workshop.

Please contact us to book a training day for your company if required.

Private or customised courses

Looking for training delivery on site at your location?

Prefer to have face to face delivery?

Wishing to book training for multiple people?

Contact our admin team who can discuss these options with you

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