Fast Track
COMPUTER TRAINING LTD

Virtual Classroom

SQL - Part 3 : More Features and Advanced Queries

Virtual Classroom Set-Up

When setting up our Virtual Classroom, we have striven to offer the same quality of customer experience as attained through our 'face to face' training environment

Take a look at the great feedback on our About Virtual Classrooms tab
https://fasttrackcomputertraining.co.uk/about-virtual-classrooms

The Fast Track Virtual Classroom is currently choosing Microsoft Teams as the main Conference platform. Therefore, before joining the Virtual Classroom you will need to download Microsoft Teams

Delegate Pre-Requisites

Note : this is not a beginners course. Delegates should have knowledge to the level of our *SQL - Part 2* course, or have attended the *SQL - Part 2* course. For those requiring a more basic level of SQL for reporting then please consider the *SQL - Part 1 / Part 2* courses

Course Duration

This is a Two Day Course

Course Details

Courses commence at 9:30 a.m. through to 4:30 p.m.

All delegates will receive Training Courseware following the courses in pdf format together with a Course Attendance Certificate

Corporate Courses

Virtual Classroom Corporate courses are available

Modular Courses

Bite-sized 'modular' courses are available

Target Audience

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

The course includes writing queries for use with Microsoft SQL Server to be able to further analyse and manipulate data including more advanced T-SQL knowledge for those who have attended the *SQL - Part 2 : Gaining more from your Database with more complex Queries* course

The Content

Review Session
* Subqueries
* Derived tables
* Common Tables Expressions
* Views

Traversing hierarchies using CTE's

Temporary tables
* Temp Tables
* Tables variables

Working with GROUP BY
* GROUP BY ALL
* Using ROLLUP or CUBE
* Grouping Functions

Using CASE statements

Creating PIVOT/ UNPIVOT queries

Introduction to Stored Procedures

Implementing Error Handling

Introduction to User Defined Functions

Looping Techniques

Simple Query Execution Analysis

Accessing SQL data in excel

Introduction to Transactions*
*If required/ time allows

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