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YOUR COURSE, YOUR WAY - MORE EFFECTIVE IT TRAINING

SQL Advanced

Duration: 2 days

Overview:

Building upon the skills mastered in Aspect Training's Introduction to SQL and Database Design course, Advanced SQL and Database

Programming teaches the development techniques needed to take full advantage of powerful and flexible data-driven applications. We'll turn from the prior course's concern with data modelling and database design to how to use data in extensive, enterprise-class databases. We will be using SQL Server as the basis for the examples and exercises.

Prerequisites:

Attendance of Aspect's SQL Introduction course or equivalent knowledge.

Topics:

1 - Basic SQL Recap

Writing Select Statements

Joining Tables

2 - Subqueries

Self-Contained Subqueries

Self-Contained Multivalued Subquery Examples

Correlated Subqueries

The EXISTS Predicate

3 - Table Expressions

Derived Tables

Common Table Expressions

Views

Inline Table-Valued Functions

The APPLY Operator

4 - Set Operators

The UNION Operator