



0208 942 5724

Email: Info@aspecttraining.co.uk

Web: www.aspecttraining.co.uk

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 MySQL as the basis for the examples and exercises.

Prerequisites:

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

Continued over....



0208 942 5724

Email: Info@aspecttraining.co.uk

Web: www.aspecttraining.co.uk

Course Topics:

Entity-Relationship Diagrams

Text Functions

Matching Patterns with LIKE
Text manipulation functions
Recommendations for LIKE and Wildcard
pattern substitution:
Dates in SQL Server
Conversion Functions
Using Union to Combing Queries
Transact-SQL's CASE statement

A Review of Aggregate Functions

GROUP BY
HAVING
WITH CUBE and WITH ROLLUP
WITH ROLLUP
WITH CUBE
Applications of Data Cubes
COMPUTE BY

Querying Data Across Tables

Joins the ANSI-92 Way
A Few Guidelines
Outer Joins
Sales Information
Self Joins
Chart

Subqueries

Correlated Subqueries
Performance Tuning
Connecting to Data in Other Databases

Beginning Transact-SQL Programming

Introduction to Stored Procedures
Transactions in SQL Server
Calculate YTD Sales
Triggers