

TOTAL TRAINING™ FOR MICROSOFT® SQL SERVER® DEVELOPMENT QUICK REFERENCE GUIDE

Part 1 – Introduction to SQL Server 2005

1 SQL SERVER OVERVIEW 32:15

- 1 Understanding Client Server Architecture
- 2 Introducing the Tools
- 3 Selecting an Edition
- 4 Creating Sample Databases

2 USING MANAGEMENT STUDIO 22:44

- 1 Arranging the Workspace
- 2 Registering Servers
- 3 Explaining Items in the Object Explorer
- 4 Explaining the Database Properties Dialog
- 5 Explaining the Columns Properties Dialog
- 6 Continuing with Object Explorer Items
- 7 Using the Query Editor

3 DESIGNING RELATIONAL DATABASES 35:33

- 1 Understanding Normalization
- 2 Discovering Patterns
- 3 Avoiding Over Complexity
- 4 Managing Optional Data
- 5 Creating Physical Keys
- 6 Using the Database Diagrammer Tool
- 7 Final Comments

Part 2 – Selecting Data

1 WORKING WITH SINGLE TABLE QUERIES 42:28

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- 2 Filtering Data with the Where Clause
- 3 Columns, Expressions & Scalar Functions
- 4 Using Case Expressions
- 5 Working with Nulls & Coalesce
- 6 Selecting Environment Functions
- 7 Working with Dates & Times
- 8 Parsing Strings
- 9 Converting Data
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- 11 Topping Off the Query with Predicates

2 MERGING DATA WITH JOINS & UNIONS 24:42

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- 3 Multiplying Data with Cross Joins
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- 6 Finding the Set Difference
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3 WORKING WITH SUBQUERIES 19:05

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- 7 Calculating Cumulative Sums

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7 DISTRIBUTED QUERIES 18:28

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- 3 Controlling Procedural Flow
- 4 Examining SQL Server with Code
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- 6 Developing Dynamic SQL
- 7 Introducing Stored Procedures
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2 TRIGGERS & AUDIT TRAILS 31:20

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