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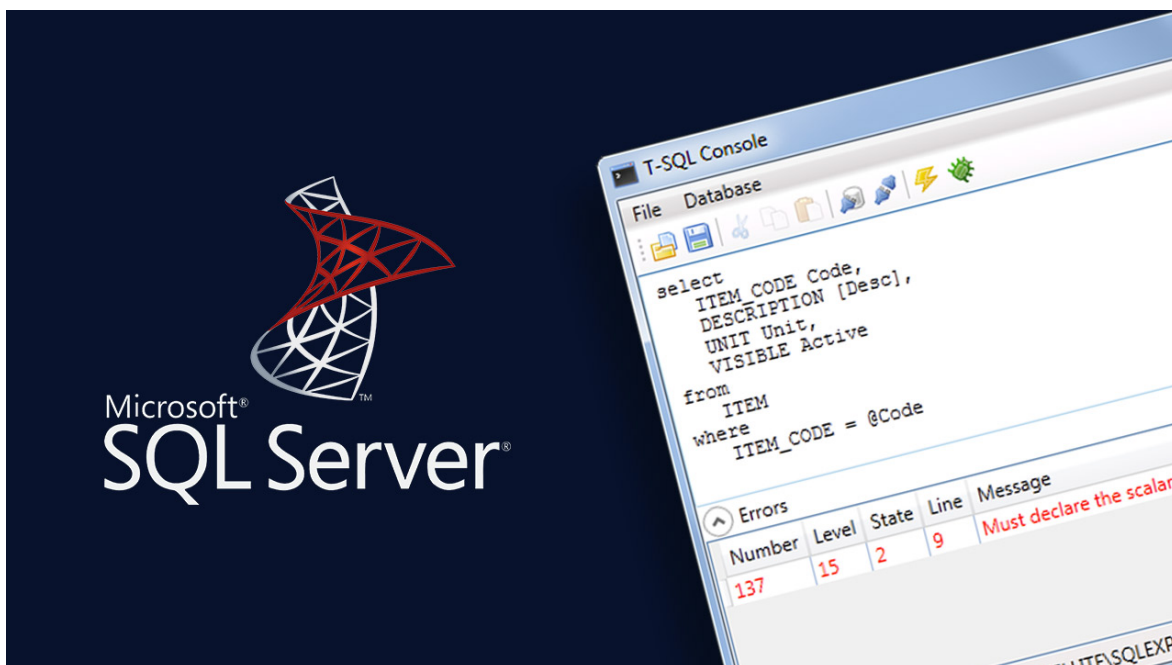
Learning Style: On Demand

Provider:

Difficulty: Intermediate

Course Duration: 7 Hours

SQL 2014 Developer P1: T-SQL and .NET Code

About this course:

In the three-course series, this course is the third and last course "the SQL 2014 Developer P1: T-SQL and .NET Code course. This course arrangement is an all-inclusive arrangement containing all the intermediate to advanced level SQL Server 2014 topics. The subjects incorporated in the 1st part of this preparation are recognized with the Transact-SQL and .NET coding. The associated sub-topics include in this course in decent detail and allows the understudies to execute the obtained understanding in their daily tasks.

This course of SQL 2014 Developer P1: T-SQL and .NET Code contains the essential subjects important to manage, build, and maintain databases in SQL

Server 2014. The course empowers the learners to productively work out the management activities on their databases and becomes familiar with the progressive and new features accessible in SQL Server 2014. The two follow-up courses that add up to give a comprehensive and complete information base to the learners using SQL Server 2014.

The normal compensation for a SQL Developer is $74,844 annually.

Course Objective:

1. Return, and Create data from stored procedures
2. Create, understand, and update views
3. Get and overview of SQL CLR
4. Comprehend the transactions concept and make explicit transactions
5. Create triggers
6. Debug and Test stored procedures
7. Explore about inline table-valued functions, scalar functions, and multi-statement functions

Audience:

- Database experts with the SQL Server 2014 experience, hoping to learn further developed techniques and features of SQL Server 2014.
- Competitors looking for the certifications of SQL Server 2014.

Prerequisite:

- The series of SQL 2014 Developer courses are intended for experienced experts having specialized information on managing and building databases, business intelligence, and data warehouses solution with SQL Server 2014.
- Furthermore, operational recognition and information with MS Windows Server 2012 R2 or later is necessary to get a handle on the ideas included in this course.
- It is also suggested that the learners undertake the series of courses of SQL 2014 Developer in the respective order.

Course Outline:

Chapter 01: Views

- **Topic A: Introduction to Views - Part 1**
- Introduction to Views - Part 2
- Introduction to Views - Part 3
- **Topic B: Tools for Creating Views - Part 1**
- Tools for Creating Views - Part 2
- Tools for Creating Views - Part 3
- **Topic C: View Examples - Part 1**
- View Examples - Part 2

- View Examples - Part 3
- **Topic D: Updating Data Using a View - Part 1**
- Updating Data Using a View - Part 2
- Updating Data Using a View - Part 3
- **Topic E: Columns and Indexed Views - Part 1**
- Columns and Indexed Views - Part 2
- Columns and Indexed Views - Part 3

Chapter 02: Stored Procedures

- **Topic A: Introduction Stored Procedures - Part 1**
- Introduction Stored Procedures - Part 2
- Introduction Stored Procedures - Part 3
- **Topic B: Creating Stored Procedures - Part 1**
- Creating Stored Procedures - Part 2
- Creating Stored Procedures - Part 3
- **Topic C: Returning Data From - Part 1**
- Returning Data From - Part 2
- Returning Data From - Part 3

Chapter 03: Stored Procedures Continued

- **Topic A: Testing and Debugging - Part 1**
- Testing and Debugging - Part 2
- Testing and Debugging - Part 3
- **Topic B: Execute with Result Sets - Part 1**
- Execute with Result Sets - Part 2
- Execute with Result Sets - Part 3
- **Topic C: Creating Triggers - Part 1**
- Creating Triggers - Part 2
- Creating Triggers - Part 3

Chapter 04: Functions

- **Topic A: Overview and Scalar Functions - Part 1**
- Overview and Scalar Functions - Part 2
- Overview and Scalar Functions - Part 3
- **Topic B: Inline Table-Valued Functions - Part 1**
- Inline Table-Valued Functions - Part 2
- Inline Table-Valued Functions - Part 3
- **Topic C: Multi-Statement - Part 1**
- Multi-Statement - Part 2
- Multi-Statement - Part 3
- **Topic D: Views and Stored Procedures - Part 1**
- Views and Stored Procedures - Part 2
- Views and Stored Procedures - Part 3

Chapter 05: Transactions

- **Topic A: Transaction Concepts - Part 1**

- Transaction Concepts - Part 2
- Transaction Concepts - Part 3
- **Topic B: Applications and Transactions - Part 1**
- Applications and Transactions - Part 2
- Applications and Transactions - Part 3
- **Topic C: Creating Explicit Transactions - Part 1**
- Creating Explicit Transactions - Part 2
- Creating Explicit Transactions - Part 3
- **Topic D: Structured Error Handling - Part 1**
- Structured Error Handling - Part 2
- Structured Error Handling - Part 3

Chapter 06: Common Language Runtime

- **Topic A: Introduction to SQL CLR - Part 1**
- Introduction to SQL CLR - Part 2
- Introduction to SQL CLR - Part 3
- **Topic B: Writing SQL CLR Code - Part 1**
- Writing SQL CLR Code - Part 2
- Writing SQL CLR Code - Part 3
- **Topic C: Using SQL CLR Code - Part 1**
- Using SQL CLR Code - Part 2
- Using SQL CLR Code - Part 3
- **Topic D: SQL CLR Code Modules - Part 1**
- SQL CLR Code Modules - Part 2
- SQL CLR Code Modules - Part 3
- **Topic E: SQL CLR Security - Part 1**
- SQL CLR Security - Part 2
- SQL CLR Security - Part 3

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