

SQL 2014 Developer P2: VS 2012 and Data Types

Course Overview

This course will introduce students to aggregate, UDT, TVF, modules, data tools, schemas, offline development, APPLY, MERGE, grouping sets, ROLLUP, CUBE, pivot queries, query execution, hierarchy, columns, filtered, streams, sequences, and spatial data types.

Chapter 01 - Aggregate, UDT, TVF and Modules

1h 2m

Topic A: Aggregates - Part 1

Aggregates - Part 2

Aggregates - Part 3

Topic B: User Defined Types - Part 1

User Defined Types - Part 2

User Defined Types - Part 3

Topic C: Table and Functions - Part 1

Table and Functions - Part 2

Table and Functions - Part 3

Topic D: Managing Code Modules - Part 1

Managing Code Modules - Part 2

Managing Code Modules - Part 3

Chapter 02 - Data Tools

56m

Topic A: Introduction Data Tools - Part 1

Introduction Data Tools - Part 2

Introduction Data Tools - Part 3

Topic B: Connected Database Development - Part 1

Connected Database Development - Part 2

Connected Database Development - Part 3

Topic C: Updating a Connected Database - Part 1

Updating a Connected Database - Part 2

Updating a Connected Database - Part 3

Chapter 03 - Schemas and Offline Development

54m

Topic A: Creating New Objects with TSQL - Part 1

Creating New Objects with TSQL - Part 2

Creating New Objects with TSQL - Part 3

Topic B: Comparing Database Schemas - Part 1

Comparing Database Schemas - Part 2

Comparing Database Schemas - Part 3

Topic C: Offline Database Development - Part 1

Offline Database Development - Part 2

Offline Database Development - Part 3

Topic D: Database Project Settings - Part 1

Database Project Settings - Part 2

Database Project Settings - Part 3

Chapter 04 - APPLY, MERGE and Grouping Sets

57m

Topic A: Using APPLY - Part 1
Using APPLY - Part 2
Using APPLY - Part 3
Topic B: MERGE Statement - Part 1
MERGE Statement - Part 2
MERGE Statement - Part 3
Topic C: Creating Recursive Queries - Part 1
Creating Recursive Queries - Part 2
Creating Recursive Queries - Part 3
Topic D: Grouping Sets - Part 1
Grouping Sets - Part 2
Grouping Sets - Part 3

Chapter 05 - ROLLUP, CUBE and Pivot Queries

54m

Topic A: ROLLUP and CUBE Operators - Part 1
ROLLUP and CUBE Operators - Part 2
ROLLUP and CUBE Operators - Part 3
Topic B: Creating Pivot Queries - Part 1
Creating Pivot Queries - Part 2
Creating Pivot Queries - Part 3
Topic C: Executing Dynamic SQL - Part 1
Executing Dynamic SQL - Part 2
Executing Dynamic SQL - Part 3

Chapter 06 - Query Execution

1h 9m

Topic A: Complex Query Execution - Part 1
Complex Query Execution - Part 2
Complex Query Execution - Part 3
Topic B: Using Execution Plans - Part 1
Using Execution Plans - Part 2
Using Execution Plans - Part 3
Topic C: Execution Plan Operators - Part 1
Execution Plan Operators - Part 2
Execution Plan Operators - Part 3
Topic D: Common Join Operators - Part 1
Common Join Operators - Part 2
Common Join Operators - Part 3

Chapter 07 - Hierarchy and Columns

49m

Topic A: Hierarchy ID Data Type - Part 1
Hierarchy ID Data Type - Part 2
Hierarchy ID Data Type - Part 3
Topic B: Exploring a Hierarchy - Part 1
Exploring a Hierarchy - Part 2
Exploring a Hierarchy - Part 3
Topic C: Sparse Columns - Part 1
Sparse Columns - Part 2
Sparse Columns - Part 3

Topic D: Column Sets - Part 1
Column Sets - Part 2
Column Sets - Part 3

Chapter 08 - Filtered, Streams, Sequences

53m

Topic A: Filtered Indexes - Part 1
Filtered Indexes - Part 2
Filtered Indexes - Part 3
Topic B: FILESTREAM Storage - Part 1
FILESTREAM Storage - Part 2
FILESTREAM Storage - Part 3
Topic C: Adding Sequences to Queries - Part 1
Adding Sequences to Queries - Part 2
Adding Sequences to Queries - Part 3

Chapter 09 - Spatial Data Types

54m

Topic A: Introduction to Spatial Data - Part 1
Introduction to Spatial Data - Part 2
Introduction to Spatial Data - Part 3
Topic B: Spatial Data in SQL Server - Part 1
Spatial Data in SQL Server - Part 2
Spatial Data in SQL Server - Part 3
Topic C: Manipulating Spatial Shapes - Part 1
Manipulating Spatial Shapes - Part 2
Manipulating Spatial Shapes - Part 3
Topic D: Interactions Between Objects - Part 1
Interactions Between Objects - Part 2
Interactions Between Objects - Part 3

Total Duration: 8h 27m