MCSA SQL 2016 Database Development Course

Introduction

Prove your knowledge and skills in designing, building, maintaining and querying the next wave of cloud-ready database and information solutions.

Microsoft SQL Server is the heart of mission-critical environments. The Microsoft Certified Solutions Associate (MCSA): SQL 2016 Database Development certification provides the necessary technical background and hands-on experience required to demonstrate your essential skills and breakthrough insights in developing and maintaining the next wave of mission-critical environments. This certification is intended for database administrators, database developers, as well as business intelligence enthusiasts.

Earning an MCSA SQL 2016 Database Development certification qualifies you for a position as a database developer and it is the first step on your path to becoming a Microsoft Certified Solutions Expert (MCSE).

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Course Content

70-761: Querying Data with Transact-SQL
Introduction to Microsoft SQL Server & T-SQL Querying
Writing SELECT Queries
Querying Multiple Tables
Sorting and Filtering Data
Working with SQL Server Data Types
Using DML to Modify Data & Built-In Functions
Grouping & Aggregating Data
Using Subqueries, Table Expressions & Set Operators
Using Windows Ranking, Offset & Aggregate Functions
Pivoting & Grouping Sets
Executing Stored Procedures
Programming with T-SQL
Implementing Error Handling & Transactions

70-762: Developing SQL Databases
Introduction to Database Development
Designing and Implementing Tables
Advanced Table Designs
Ensuring Data Integrity through Constraints
Introduction to Indexes
Designing Optimized Index Strategies
Designing & Implementing Views, Stored Procedures & Functions
Responding to Data Manipulation via Triggers
Using In-Memory Tables
Implementing Managed Code in SQL Server
Storing and Querying XML Data & Spatial Data in SQL Server
Storing and Querying BLOBs & Text Documents in SQL Server
SQL Server Concurrency
Performance & Monitoring

€ 1,600

Study Experience Includes:
Training by a Microsoft Certified Trainer (MCT), Official Microsoft
Courseware (Format: Paperback), Official Microsoft Virtual Labs,
Official Microsoft Presentations, Official Microsoft Practice Tests,
Official Microsoft Exams

Course Details

Study Mode
PART*TIME*
Frequency: Twice Weekly

Duration
81 Hours (27 Lessons of 3 Hours)

Delivery Method
Lectures & Hands-on Practice

Entry Requirements
Good knowledge of English
Basic Computer Skills

Award
MCSA SQL 2016 Database
Development

Partner

Microsoft

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