



Developing SQL Databases MS20762C

5 Day Course

OVERVIEW

This course provides the knowledge & skills to develop a Microsoft SQL Server 2016 database.

This course is divided into 16 modules, each having the support from several labs. Microsoft courseware can be downloaded onto personal devices to accompany this instruction.

Key Features:

Introduction to Database Development

Designing & Implementing Tables

Advanced Table Designs

Ensuring Data Integrity through Constraints

Designing Optimised Index Strategies

Column store Indexes

Designing & Implementing Views, Stored Procedures and User-Defined Functions

Responding to Data manipulation via Triggers

Using In-Memory Tables

Implementing Managed Code in SQL Server

Storing & Querying XML Data in SQL Server

Working with SQL Server Spatial Data

Storing & Querying Blobs & Text Documents in SQL Server

SQL Server Concurrency

Performance & Monitoring

This course provides the underpinning knowledge for Exam 70-762. This should be booked at www.pearsonvue.co.uk

AUDIENCE

This course is designed for IT Professionals who want to be skilled on the SQL Server 2016 product features & technologies for implementing a database. It is also useful for developers from other platforms who wish to be skilled in SQL Server 2016.

OBJECTIVES

After completion of this course, delegates should be able to:

- Design & Implement Tables
- Describe advanced table designs
- Ensure Data Integrity through Constraints
- Describe indexes, incl. Optimised & Column store indexes
- Design & Implement Views, Stored Procedures User Defined Functions and In-Memory Tables
- Respond to data manipulation using triggers
- Implement Managed Code in SQL Server
- Store & Query XML Data
- Work with Spatial Data
- Store & Query Blobs & Text Documents

PREREQUISITES

Delegates should have basic knowledge of the MS Windows operating system & its core functionality. Also they should have a working knowledge of Transact-SQL and of relational databases.

LEVEL: Intermediate

COURSE FEE: £2,195.00 per person (includes course notes & refreshments)

To make a booking and for all enquiries:

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Website: www.ibexeducation.com