

SQL Server for .NET Application Developers (SQL04)

ID FL-SQL04 Duration 3 days

Who should attend

Application developers, .NET specialists and software developers

- The main administrative points
- DB interfaces (views, stored procedures, ...)
- Data quality
- Monitoring
- Operation

Prerequisites

Programming knowledge

Performance und Security

- Performance measurements/analysis

Course Objectives

You know the basics of the various Windows databases and learn how to develop stable, secure applications in SQL Server 2019.

Performance improvements

- Indexe
- Administratives
- Query optimizations
- Infrastructure Aspects
- In-memory techniques

Course Content

Basics

- Repetition of the database basics
- Various database types and products
- Database design
- Software Architecture
- NoSQL databases

Brief introduction of new techniques in SQL Server 2019

- Big Data
- Data Science
- AI

SQL

- Repetition interrogation techniques
- Stored Procedures in TSQL und C#
- SQL Server as .NET runtime environment

Database access techniques

- Transactions
- Entity Framework
- Other OR/Mapper

Tooling

- SQL Server Management Studio
- Visual Studio / Data Tools
- tips and tricks
- ALM in applications (FTS)

Database

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Training Centers worldwide

