

Master Class: Data access with .NET Core (MSDEV05)

ID MSDEV05 Price 1,190.— €(excl. tax) Duration 2 days

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Course Overview

You need to be able to access your data in databases efficiently and reliably from your application? This training shows you the way.

Who should attend

This course is for .NET developers who want to efficiently access any database from their web or desktop application.

Prerequisites

[Master Class: C# Advanced \(MSDEV03\)](#), optionally recommended
[Master Class: .Net 5 Technologies \(MSDEV04\)](#)

Course Objectives

- Using EF Core to efficiently implement your data access layer
- Know numerous tools to be able to work productively.

Course Content

Introduction and overview

Create the model

- Entities
- Data context
- Modeling of the tables
- API Fluent
- Relationships between data

Query

database

- Database connection
- Provider selection
- Database queries
- Eager vs. Lazy Loading
- Filtering and sorting

Save data

- Add, modify and delete
- concurrency

Database Migration

Refine database model

- Database index, default values
- Owned Types
- Query Types
- Stored Procedures und Table-valued Functions

Other features

- Table Splitting
- Value Converter
- Global Query Filter
- Data Seeding
- Direct SQL
- Transactions

Performance Optimization

Tools und Extensions

Work with NoSQL databases

About Fast Lane



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- ✓ Blended & Hybrid Learning
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