

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

**ID** MSDEV05 **Prix** CHF 1 490,- (Hors Taxe) **Durée** 2 jours

### A qui s'adresse cette formation

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

### Pré-requis

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

### Objectifs

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

### Contenu

#### 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

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## Centres de formation dans le monde entier



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