

Data access with .NET Core (MSDEV05)

ID MSDEV05 Price CHF 1,490.—(excl. VAT) Duration 2 days

Who should attend

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

Prerequisites

<u>C# Advanced (MSDEV03)</u>, optionally recommended <u>.Net 5</u> <u>Technologies (MSDEV04)</u>

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 SeedingDirect SQL
- Transactions

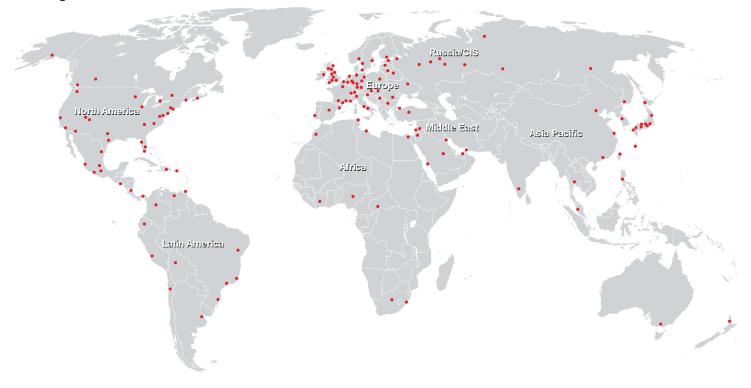
Performance Optimization

Tools und Extensions

Work with NoSQL databases

Data access with .NET Core (MSDEV05)

Training Centres worldwide





Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3 CH-8304 Wallisellen Tel. +41 44 832 50 80

info@flane.ch, https://www.flane.ch