Master Class: Data access with .NET Core

Category: Software Development & Programming | **Vendor:** Various

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

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.

About This Course

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

Who Should Attend

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

Prerequisites & Entry Requirements

General Prerequisites:

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

Learning Outcomes

Upon successful completion of this course, participants will be able to:

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

Skills You Will Learn:

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

Frequently Asked Questions

Q: What delivery options are available for Master Class: Data access with .NET Core?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 2-day Master Class: Data access with .NET Core course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Master Class: Data access with .NET Core training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Master Class: Data access with .NET Core?

Yes, we provide corporate training, dedicated training, and closed classes for Master Class: Data access with .NET Core. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Master Class: Data access with .NET Core, C#, MSDEV05

Q: Why choose Nexus Human for Master Class: Data access with .NET Core?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Master Class: Data access with .NET Core training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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