



Microsoft Power Platform Developer (PL-400)

Description

This PL-400 course is designed for professionals who want to strengthen their expertise in Microsoft Power Platform. You will learn how to design applications, automate workflows, and develop custom components to meet complex business needs. With hands-on, business-oriented training, you will be able to build powerful solutions that enhance operational efficiency and productivity.

A practice-oriented and certification-focused approach

The training prepares you for the PL-400: Microsoft Power Platform Developer exam. It is a key step towards earning the Microsoft Certified: Power Platform Developer Associate certification. This structured program helps you consolidate your technical knowledge while developing a professional approach to application development and service integration.

Course Content

- Module 1: Use imperative development techniques for canvas apps in Power Apps
- Module 2: Perform custom updates in a Power Apps canvas app
- Module 3: Use Dataverse choice columns with formulas
- Module 4: Reduce data model complexity with Dataverse table relationships
- Module 5: Use relational data in a Power Apps canvas app
- Module 6: Use data source limits (delegation limits) in a Power Apps canvas app
- Module 7: Perform testing and performance checks in a Power Apps canvas app
- Module 8: Optimize application load time
- Module 9: Troubleshoot Power Apps using Monitoring
- Module 10: Use Power Apps instrumentation with Application Insights
- Module 11: Get started with Power Automate
- Module 12: Introduction to expressions in Power Automate
- Module 13: Use Dataverse triggers and actions in Power Automate
- Module 14: Overview of Microsoft Power Platform development resources
- Module 15: Extend Power Platform using development tools
- Module 16: Introduction to extending Power Platform
- Module 17: Use the Dataverse Web API
- Module 18: Execute common actions with client scripting in Power Platform
- Module 19: Automate business process flows with client scripting

- Module 20: Get started with Power Apps Component Framework
- Module 21: Build a Power Apps component
- Module 22: Introduction to Dataverse for developers
- Module 23: Extend plug-ins in Power Platform
- Module 24: Integrate Azure Dataverse solutions
- Module 25: Explore Azure Functions
- Module 26: Develop Azure Functions
- Module 27: Get started with custom connectors in Microsoft Power Platform
- Module 28: Discover and use Web APIs with Power Apps
- Module 29: Configure custom connectors with authenticated APIs in Microsoft Power Platform
- Module 30: Configure policy templates for custom connectors in Microsoft Power Platform
- Module 31: Create custom OpenAPI connectors in Microsoft Power Platform
- Module 32: Manage solutions in Power Apps and Power Automate
- Module 33: Introduction to solutions in Microsoft Power Platform

Lab / Exercises

- This course provides you with exclusive access to the official Microsoft lab, enabling you to practice your skills in a professional environment.

Documentation

- Access to Microsoft Learn, Microsoft's online learning platform, offering interactive resources and educational content to deepen your knowledge and develop your technical skills.

Exam

- This course prepares for the exam PL-400: Microsoft Power Platform Developer
- If you wish to take this exam, please select it when you add the course to your basket

Participant profiles

- Power Platform solution developers and designers
- Microsoft technical consultants
- Business solution architects

Prerequisites

- Master the basics of Microsoft Power Platform
- Have development experience with JavaScript, C#, .NET or equivalent
- Understand the fundamentals of Azure and web services

Objectives

- Create a technical design tailored to business needs
- Configure and use Dataverse in an advanced way
- Develop and customize Power Apps applications
- Automate processes with Power Automate
- Extend the platform with connectors and APIs
- Integrate Azure solutions into Power Platform
- Optimize performance and ensure maintenance

Description

Microsoft Power Platform Developer (PL-400) Training

Niveau

Avancé

Classroom Registration Price (CHF)

3900

Virtual Classroom Registration Price (CHF)

3650

Duration (in Days)

5

Reference

PL-400T00