Microsoft Power Platform Developer

Description

In this course, students will learn how to build Power Apps, Automate Flows and extend the platform to complete business requirements and solve complex business problems. This training is a preparation for the "PL-400: Microsoft Power Platform Developer" exam to earn the "Microsoft Certified: Power Platform Developer Associate" certification.

Course Content
Microsoft Power Platform Developer (PL-400)

- Module 1: How to build your first model-driven app with Dataverse
- Module 2: Get started with model-driven apps in Power Apps
- Module 3: Manage tables in Dataverse
- Module 4: Create and manage columns within a table in Dataverse
- Module 5: Working with choices in Dataverse
- Module 6: Create a relationship between tables in Dataverse
- Module 7: Define and create business rules in Dataverse
- Module 8: Create and define calculation or rollup columns in Dataverse
- Module 9: Get started with security roles in Dataverse
- Module 10: Get started with Power Apps canvas apps
- Module 11: Customize a canvas app in Power Apps
- Module 12: Manage apps in Power Apps
- Module 13: Navigation in a canvas app in Power Apps
- Module 14: How to build the UI in a canvas app in Power Apps
- Module 15: Use and understand Controls in a canvas app in Power Apps
- Module 16: Document and test your Power Apps application
- Module 17: Use imperative development techniques for canvas apps in Power Apps
- Module 18: Create formulas that use tables, records, and collections in a canvas app in Power Apps
- Module 19: Perform custom updates in a Power Apps canvas app
- Module 20: Complete testing and performance checks in a Power Apps canvas app
- Module 21: Work with relational data in a Power Apps canvas app
- Module 22: Work with data source limits (delegation limits) in a Power Apps canvas app
- Module 23: Connect to other data in a Power Apps canvas app
- Module 24: Use custom connectors in a Power Apps canvas app
- Module 25: Get started with Power Automate

- Module 26: Build approval flows with Power Automate
- Module 27: Introduction to expressions in Power Automate
- Module 28: Introduction to Microsoft Power Platform developer resources
- Module 29: Use developer tools to extend Microsoft Power Platform
- Module 30: Introduction to extending Microsoft Power Platform
- Module 31: Introduction to Dataverse for developers
- Module 32: Extend plug-ins
- Module 33: Performing common actions with client script
- Module 34: Automate business process flows with client script
- Module 35: Get started with Power Apps component framework
- Module 36: Build a Power Apps component
- Module 37: Use advanced features with Power Apps component framework
- Module 38: Work with Dataverse Web API
- Module 39: Integrate Dataverse Azure solutions

Lab / Exercises

- Official Microsoft Labs

Documentation

- Access to Microsoft Learn (online learning content)

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

- Designers and developers for Power Platform solutions

Prerequisites

- Have an introductory knowledge of Power Platfom
- Have development experience that includes JavaScript, JSON, TypeScript, C#, HTML, .NET, Microsoft Azure, Microsoft 365, RESTful Web Services, ASP.NET, and Power BI

Objectives

- Create a technical design
- Configure Common Data Service
- Create and configure Power Apps

Niveau
Avancé
Classroom Registration Price (CHF)
3900
Virtual Classroom Registration Price (CHF)
3650
Duration (in Days)
5
Reference
PL-400T00