



Power Platform Developer (PL-400T00)

ID PL-400T00 Price 2,690.— €(excl. tax) Duration 5 days

One day hands-on workshop and exam voucher included!*

This course includes an additional final 1-day workshop, giving you the opportunity to apply and validate the skills you have learned. On this day you will complete a hands-on project from design to implementation. The practical exercises will also prepare you for the corresponding Microsoft exam and the exam voucher is included in the course price!

*Valid for course dates in Germany

Course Overview

The Microsoft Power Platform helps organizations optimize their operations by simplifying, automating and transforming business tasks and processes. 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.

Who should attend

Candidates for this course design, develop, secure, and troubleshoot Power Platform solutions. Candidates implement components of a solution that include application enhancements, custom user experience, system integrations, data conversions, custom process automation, and custom visualizations. Candidates will gain applied knowledge of Power Platform services, including in-depth understanding of capabilities, boundaries, and constraints. Candidates should have development experience that includes JavaScript, JSON, TypeScript, C#, HTML, .NET, Microsoft Azure, Microsoft 365, RESTful Web Services, ASP.NET, and Power BI.

This course is part of the following Certifications

Microsoft Certified: Power Platform Developer Associate (PPDA)

Prerequisites

- Candidates should have an introductory knowledge of

Power Platform

- Candidates should have development experience that includes JavaScript, JSON, TypeScript, C#, HTML, .NET, Microsoft Azure, Microsoft 365, RESTful Web Services, ASP.NET, and Power BI

Course Content

- How to build your first model-driven app with Dataverse
- Get started with model-driven apps in Power Apps
- Manage tables in Dataverse
- Create and manage columns within a table in Dataverse
- Working with choices in Dataverse
- Create a relationship between tables in Dataverse
- Define and create business rules in Dataverse
- Create and define calculation or rollup columns in Dataverse
- Get started with security roles in Dataverse
- Get started with Power Apps canvas apps
- Customize a canvas app in Power Apps
- Manage apps in Power Apps
- Navigation in a canvas app in Power Apps
- How to build the UI in a canvas app in Power Apps
- Use and understand Controls in a canvas app in Power Apps
- Document and test your Power Apps application
- Use imperative development techniques for canvas apps in Power Apps
- Create formulas that use tables, records, and collections in a canvas app in Power Apps
- Perform custom updates in a Power Apps canvas app
- Complete testing and performance checks in a Power Apps canvas app
- Work with relational data in a Power Apps canvas app
- Work with data source limits (delegation limits) in a Power Apps canvas app
- Connect to other data in a Power Apps canvas app
- Use custom connectors in a Power Apps canvas app
- Get started with Power Automate
- Build approval flows with Power Automate
- Introduction to expressions in Power Automate
- Introduction to Microsoft Power Platform developer resources
- Use developer tools to extend Microsoft Power Platform
- Introduction to extending Microsoft Power Platform
- Introduction to Dataverse for developers



- Extend plug-ins
- Performing common actions with client script
- Automate business process flows with client script
- Get started with Power Apps component framework
- Build a Power Apps component
- Use advanced features with Power Apps component framework
- Work with Dataverse Web API
- Integrate Dataverse Azure solutions

About Fast Lane



Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace, as well as management and leadership skills, IT and project management.

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- ✓ Consulting Services
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- ✓ Event Management Services

Training Methods

- ✓ Classroom Training
- ✓ Instructor-Led Online Training
- ✓ FLEX Classroom – Classroom & Online Hybrid
- ✓ Onsite & Customized Training
- ✓ E-Learning
- ✓ Blended & Hybrid Learning
- ✓ Mobile Learning

Technologies & Solutions

- ✓ Digital Transformation
- ✓ Artificial Intelligence
- ✓ Cloud
- ✓ Networking
- ✓ Cyber Security
- ✓ Wireless & Mobility
- ✓ Modern Workplace
- ✓ Data Center



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