PL-400: Microsoft Power Platform Developer

Microsoft - Business Applications

Promoção: Garante a tua vaga com 15% de desconto e a oferta do exame de certificação nesta edição.

Live Training (também disponível em presencial)

- **Localidade:**
- **Data:** 24 Mar 2025
- **Preço:** 2150 € (Os valores apresentados não incluem IVA. Oferta de IVA a particulares e estudantes.)
- **Horário:** Laboral das 9h00 às 17h00
- **Nível:** Intermédio
- **Duração:** 35h

Sobre o curso

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**.

Destinatários

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.

Objetivos

- Create and customize an app, and then manage and distribute it
- Create a model-driven app in Power Apps that uses Dataverse
- Create, design, and administer Microsoft Power Platform tenants and instances
- Build workflows and administer flows
- Use and build business intelligence reports
- Integrate with Dataverse using code by learning about Dataverse API

- Build a component and work with advanced Power Apps Component Framework features
- Describe tools and techniques available for administrators to configure and maintain Power Apps portals
- Transform a content portal into a full web app interacting with Dataverse

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Pré-requisitos

Candidates should have an introductory knowledge of Power Platfom

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

Programa

- Create a canvas app in Power Apps
- Create a model-driven application in Power Apps
- Work with Microsoft Power Platform tenants, environments, subscriptions, and Dynamics 365 apps
- Automate a business process using Power Automate
- Create and use analytics reports with Power BI
- Integrate with Microsoft Power Platform and Dataverse
- Create components with Power Apps Component Framework
- Administer Power Apps portals
- Extend Power Pages

Create a canvas app in Power Apps

- Get started with Power Apps canvas apps
- Customize a canvas app in Power Apps
- How to build the UI in a canvas app in Power Apps
- Navigation in a canvas app in Power Apps

- Manage apps in Power Apps
- Build a mobile-optimized app from Power Apps

Create a model-driven application in Power Apps

- How to build your first model-driven app with Dataverse
- Create tables in Dataverse
- Get started with model-driven apps in Power Apps
- Configure forms, charts, and dashboards in model-driven apps

Work with Microsoft Power Platform tenants, environments, subscriptions, and Dynamics 365 apps

- Manage Microsoft Power Platform deployments
- Administer Microsoft Power Platform subscriptions

Automate a business process using Power Automate

- Get started with Power Automate
- Build approval flows with Power Automate
- Build flows to manage user information
- Power Automate’s deep integration across multiple data sources
- Use the Admin center to manage environments and data policies in Power Automate
- Use AI Builder in Power Automate
- Optimize your business process with process advisor

Create and use analytics reports with Power BI

- Get started building with Power BI
- Get data with Power BI Desktop
- Model data in Power BI
- Use visuals in Power BI
- Explore data in Power BI
- Publish and share in Power BI

Integrate with Microsoft Power Platform and Dataverse

- Work with Dataverse Web API
- Integrate Dataverse Azure solutions

Create components with Power Apps Component Framework

- Get started with Power Apps component framework
- Build a Power Apps component
- Use advanced features with Power Apps component framework

Administer Extend Power Pages

- Power Pages administration
- Integrate Power Pages with web-based technologies
- Authentication and user management in Power Pages
- Power Pages maintenance and troubleshooting