



PL-500: Microsoft Power Automate RPA Developer

Microsoft - Business Applications

- **Nível:** Avançado
 - **Duração:** 35h
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Sobre o curso

Candidates for this course automate time-consuming and repetitive tasks by using Microsoft Power Automate. They review solution requirements, create process documentation, and design, develop, troubleshoot, and evaluate solutions. Candidates work with business stakeholders to improve and automate business workflows. They collaborate with administrators to deploy solutions to production environments, and they support solutions.

Destinatários

If you're a developer with a keen interest in providing automated solutions for your organization, this certification could be a great fit for you. You automate time-consuming and repetitive tasks by using Microsoft Power Automate. You review solution requirements, create process documentation, and design, develop, deploy, integrate, troubleshoot, and evaluate solutions. Working with business stakeholders, you help to improve and automate business workflows.

Objetivos

- Prepare for Exam PL-500: Microsoft Power Automate RPA Developer.
 - Create automated steps, and flow development essentials
 - Automate email handling, Excel, user interface, and system services with Power Automate for desktop
 - Work with system flows, control flows, mimic mouse actions, as well as operations used to manipulate text, date, and time in Power Automate for desktop
 - Use Power Automate for desktop to work with Power Automate, OCR technologies, and scripting
 - Configure and use custom connectors with Microsoft Power Apps, Microsoft Power Automate, and Microsoft Azure Logic Apps
 - Configure custom connectors with authenticated APIs in Microsoft Power Automate
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Pré-requisitos

Candidates should have experience with JSON, cloud flows and Azure services, integrating solutions with REST

and SOAP services, analyzing data by using Microsoft Excel, VBScript, Visual Basic for Applications (VBA), HTML, JavaScript, one or more programming languages, and the Microsoft Power Platform suite of tools (AI Builder, Power Apps, Dataverse, and Power Virtual Agents).

Programa

- Automate processes with Robotic Process Automation and Power Automate for desktop
- Get started with Power Automate for desktop
- Work with Power Automate for desktop
- Work with different technologies in Power Automate for desktop
- Implement advanced logic in Power Automate for desktop
- Build expertise with Power Automate for desktop
- Get started with custom connectors in Power Automate
- Configure custom connectors with authenticated APIs in Power Automate
- Introduction to Microsoft Power Platform security and governance

Automate processes with Robotic Process Automation and Power Automate for desktop

- Build your first Power Automate for desktop flow
- Define input and output parameters in Power Automate
- Connect a cloud flow to desktop flows in Power Automate for desktop
- Integrate desktop flows with Outlook connector in Power Automate for desktop
- Use AI Builder to process invoice forms in Power Automate
- Use the Teams connector in Power Automate
- Run a Power Automate for desktop flow in unattended mode

- Optimize your business process with process advisor

Get started with Power Automate for desktop

- Take your first steps with Power Automate for desktop
- Power Automate for desktop development essentials

Work with Power Automate for desktop

- Handle variables in Power Automate for desktop
- Automate repetitive tasks using loops in Power Automate for desktop
- Adjust process behavior using conditional actions with Power Automate for desktop
- Configure flow control in Power Automate for desktop
- Generate Power Automate for desktop flows by recording
- Configure exception and error handling in Power Automate for desktop

Work with different technologies in Power Automate for desktop

- Control file and folder handling in Power Automate for desktop
- Web automation in Power Automate for desktop
- Use Power Automate for desktop to interact with windows and applications
- Excel automation in Power Automate for desktop
- Automating email handling in Power Automate for desktop
- Automate system, workstation, and services actions in Power Automate for desktop

Implement advanced logic in Power Automate for desktop

- Communicate using message boxes in Power Automate for desktop flows
- Configure flow control in Power Automate for desktop
- Text manipulation in Power Automate for desktop
- Simulate mouse and keyboard actions by using Power Automate for desktop
- Automate system, workstation, and services actions in Power Automate for desktop

Build expertise with Power Automate for desktop

- Combine Power Automate desktop and cloud flows
- Database handling in Power Automate for desktop
- Active Directory handling in Power Automate for desktop
- Scripting in Power Automate for desktop
- OCR technologies in Power Automate for desktop

Get started with custom connectors in Power Automate

- Demo of the maker portal experience
- Explore custom connector configuration options
- Exercise - Create a new connector in a solution
- Use a custom connector
- Exercise - Use a connector from Power Automate
- Check your knowledge

Configure custom connectors with authenticated APIs in Power Automate

- Authentication options
- Use APIs with Azure AD
- Configure Azure Active Directory authentication
- Exercise – Use graph API from a custom connector
- Share and move between environments
- Check your knowledge

Introduction to Microsoft Power Platform security and governance

- Identify Microsoft Power Platform environments
- Data Loss Prevention policies
- Microsoft Power Platform Center of Excellence Starter Kit
- Exercise – Create a Power Platform environment
- Check your knowledge