



## Microsoft Power Automate RPA Developer (PL-500)

### Description

The Microsoft Power Automate RPA Developer (PL-500) training supports professionals who want to build strong automation skills. It teaches how to design and deploy reliable solutions using Microsoft Power Automate. Each participant learns how to automate business processes, reduce repetitive tasks, and deliver real added value to teams.

### A comprehensive training to become an RPA developer

This course directly prepares participants for the official PL-500 exam and the Microsoft Certified: Power Automate RPA Developer Associate certification. Learners explore the entire development cycle, from requirements analysis to production support. This complete approach gives them a clear and structured vision of the RPA developer role within the organization.

### Course Content

- Module 1: Get started with Power Automate for desktop
- Module 2: Essential development features of Power Automate for desktop
- Module 3: Create your first Power Automate for desktop flow
- Module 4: Define input and output parameters in Power Automate
- Module 5: Integrate desktop flows with the Outlook connector in Power Automate for desktop
- Module 6: Connect a cloud flow to desktop flows in Power Automate for desktop
- Module 7: Process invoice forms in Power Automate using AI Builder
- Module 8: Use the Teams connector in Power Automate
- Module 9: Run a Power Automate for desktop flow in unattended mode
- Module 10: Optimize your business process with Process Advisor
- Module 11: Manage variables in Power Automate for desktop
- Module 12: Automate repetitive tasks using loops in Power Automate for desktop
- Module 13: Adjust process behavior with conditional actions in Power Automate for desktop
- Module 14: Configure flow control in Power Automate for desktop
- Module 15: Generate Power Automate for desktop flows by recording
- Module 16: Configure exception and error handling in Power Automate for desktop
- Module 17: Control file and folder management in Power Automate for desktop
- Module 18: Web automation in Power Automate for desktop
- Module 19: Use Power Automate for desktop to interact with windows and applications

- Module 20: Excel automation in Power Automate for desktop
- Module 21: Email management automation in Power Automate for desktop
- Module 22: Automate system, workstation, and service actions in Power Automate for desktop
- Module 23: Communicate with message boxes in Power Automate for desktop flows
- Module 24: Text manipulation in Power Automate for desktop
- Module 25: Simulate mouse and keyboard actions using Power Automate for desktop
- Module 26: Combine desktop and cloud flows in Power Automate
- Module 27: Database management in Power Automate for desktop
- Module 28: Active Directory management in Power Automate for desktop
- Module 29: Scripting in Power Automate for desktop
- Module 30: OCR technologies in Power Automate for desktop
- Module 31: Get started with custom connectors in Microsoft Power Platform
- Module 32: Configure custom connectors with authenticated APIs in Microsoft Power Platform
- Module 33: Introduction to security and governance 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-500: Microsoft Power Automate RPA Developer
- If you wish to take this exam, please select it when you add the course to your basket

## **Participant profiles**

- Cloud developers
- Automation engineers
- Technical analysts
- Digital transformation consultants

## **Prerequisites**

- Master the basics of a programming language
- Have knowledge of HTML, JavaScript, and Excel
- Understand how cloud services and APIs work

## **Objectives**

- Design RPA automation solutions
- Develop flows with Microsoft Power Automate
- Configure inputs, outputs, and variables
- Integrate flows with Outlook, Teams, and Excel
- Automate the management of files, folders, and databases
- Use AI Builder to process and analyze data
- Deploy and maintain RPA solutions in production

## **Description**

Microsoft Power Automate RPA Developer (PL-500) Training

## **Niveau**

Intermédiaire

**Classroom Registration Price (CHF)**

3200

**Virtual Classroom Registration Price (CHF)**

3000

**Duration (in Days)**

4

**Reference**

PL-500T00