

PL-500: Microsoft Power Automate RPA Developer

Content

Module 1: Take Your First Steps with Power Automate for Desktop

- Explore the Power Automate console and flow designer.
- Learn core features and create/run a basic flow.

Module 2: Power Automate for Desktop Development Essentials

- Build a flow from scratch.
- Use actions, variables, debugging, UI elements, and subflows.

Module 3: Build Your First Power Automate for Desktop Flow

- Create and test a new desktop flow by recording actions.

Module 4: Define Input and Output Parameters

- Set input/output parameters and capture data from desktop applications.

Module 5: Integrate Desktop Flows with Outlook Connector

- Create a cloud flow triggered by email and integrate with a desktop flow.

Module 6: Connect Cloud and Desktop Flows

- Install Power Automate for desktop, set up data gateways, and test integration.

Module 7: Use AI Builder to Process Invoice Forms

- Build and integrate an AI model for invoice form processing into a cloud flow.

Module 8: Use the Teams Connector in Power Automate

- Integrate Teams approval with a desktop flow and manage Outlook notifications.

Module 9: Run Desktop Flows in Unattended Mode

- Learn about unattended desktop flow operation and best practices.

Module 10: Optimize Business Processes with Process Advisor

- Record, edit, and analyze workflows using Process Advisor.

Module 11: Handle Variables in Power Automate for Desktop

- Create and manipulate various types of variables.

Module 12: Automate Repetitive Tasks with Loops

- Use loops to repeat actions based on conditions or data lists.

Module 13: Adjust Process Behavior with Conditional Actions

- Implement "If" and "Switch" conditions to control flow behavior.

Module 14: Configure Flow Control

- Learn flow control actions to direct and manipulate the flow.

Module 15: Generate Flows by Recording

- Use recording to automate Windows UI and web-based tasks.

Module 16: Configure Exception and Error Handling

- Set up exception handling for individual actions.

Module 17: Control File and Folder Handling

- Automate tasks related to file and folder management.

Module 18: Web Automation

- Extract data from web pages and automate web interactions.

Module 19: Interact with Windows and Applications

- Manage UI elements and window-handling tasks.

Module 20: Excel Automation

- Automate Excel file tasks, including reading, writing, and managing data.

Module 21: Automate Email Handling

- Automate email operations using Outlook and Exchange actions.

Module 22: Automate System, Workstation, and Services Actions

- Automate system-related tasks and manage Windows services.

Module 23: Communicate Using Message Boxes

- Learn how to use various message box actions.

Module 24: Text Manipulation

- Use text actions to process and edit text data.

Module 25: Simulate Mouse and Keyboard Actions

- Automate mouse movements, clicks, and keyboard actions.

Module 26: Combine Desktop and Cloud Flows

- Create flows that integrate both desktop and cloud elements.

Module 27: Database Handling

- Connect and run database queries using Power Automate.

Module 28: Active Directory Handling

- Manage Active Directory users, groups, and objects.

Module 29: Scripting in Power Automate for Desktop

- Use VBScript and JavaScript in Power Automate flows.

Module 30: OCR Technologies

- Automate text extraction from images using OCR.

Module 31: Get Started with Custom Connectors

- Build and use custom connectors in Power Automate flows.

Module 32: Configure Custom Connectors with Authenticated APIs

- Use authenticated APIs with custom connectors.

Module 33: Introduction to Power Platform Security and Governance

- Explore admin tools, DLP policies, and governance options for Power Automate.