Microsoft Power Automate RPA Developer (PL-500T00)

Duration: 5 days
Audience: Professionnel TI

Who is this training for?

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

Training objectives

- Design RPA solutions
- Develop RPA solutions
- Deploy and manage RPA solutions

Summary

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 company workflows. They collaborate with administrators to deploy solutions in production environments and support the solutions.

Course outline

Module 1: Get started with Power Automate

- Get started with Power Automate for desktop by learning about flows, creating automated steps, and the essentials of developing flows

Module 2: Working with Power Automate

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Work with Power Automate for desktop options, flows, recording features, conditions, loops, variables, images, and error and exception handling

Module 3: Work with different technologies in Power Automate

- Learn how to automate email management, Excel, UI, and system services with Power Automate for desktop

Module 4: Implement advanced logic in Power Automate

- Learn how to use system flows, control flows, mimic mouse actions, and the operations used to manipulate text. Date and time in Power Automate for desktop

Module 5: Build expertise with Power Automate

- Learn how to use Power Automate for desktop to work with Power Automate, OCR technologies, and scripting »

Approach and methodology

Practical and structured approach combining focused theory and guided workshops. Participants gradually develop RPA automation solutions with Microsoft Power Automate through real-world exercises inspired by professional scenarios, promoting immediate application of learning. They learn how to design, automate and orchestrate business processes by integrating automated flows and software robots. Led by a Microsoft certified trainer, the training focuses on interactivity and the development of directly transferable technical skills to effectively automate processes in a professional context.

Prerequisites

Basics in programming logic or automation (variables, conditions, flows) Understanding of Power Platform concepts (Power Automate, Power Apps – asset) Notions of data processing and file manipulation (Excel, API, services) Familiarity with Windows environments and office applications General knowledge of business processes and their automation

Recommendations

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Candidates should have experience with JSON, cloud and desktop flows, integrating solutions with REST and SOAP services, data analysis 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).

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