

PL-500T00: Microsoft Power Automate

RPA Developer

Duration: 40 Hours (5 Days)

Overview

The PL-500T00: Microsoft Power Automate RPA Developer course is designed to equip learners with the skills to automate and optimize business processes through Robotic Process Automation (RPA) using Microsoft Power Automate for desktop. Participants will start by gaining an understanding of the Microsoft Power Platform and will then delve into building their first Desktop flow, working with Cloud flows, and integrating various technologies. By engaging with this course, learners will be able to create, manage, and deploy automation for both web and desktop applications. Special attention is given to implementing advanced logic, handling errors and exceptions, and working with different data types and services such as Excel, email, and databases. The course also covers best practices for security and governance within the Power Platform, ensuring that learners can manage and secure their automations effectively. Upon completion, individuals will possess the practical knowledge needed to streamline processes within their organizations, significantly increasing efficiency and productivity.

Audience Profile

The PL-500T00 course equips IT professionals with skills to automate processes using Microsoft Power Automate for desktop.

- IT Professionals and Developers interested in RPA (Robotic Process Automation)
- Business Analysts looking to automate business processes
- System Administrators aiming to streamline administrative tasks
- Process Developers seeking to implement desktop and cloud-based automations
- Data Analysts who require automation for data tasks
- Microsoft Power Platform Users and Enthusiasts
- Software Engineers wanting to integrate RPA into applications
- Quality Assurance Testers automating test cases
- Technical Project Managers overseeing automation projects
- Professionals in roles focused on digital transformation initiatives
- Microsoft 365 Administrators interested in extending automation across Microsoft services
- Technical Support Staff automating routine tasks
- Business Process Owners looking to optimize workflows with automation technology

Course Syllabus

Power Platform RPA Overview

- Module 1 – What is Microsoft Power Platform?
- Module 2 - Record and analyse processes
- Module 3 – Design Automations

Power Automate Cloud Flows

- Module 1 - Create and manage cloud flows

- Module 2- Cloud flow logic
- Module 3 - Advanced flow scenarios
- Module 4 – Deploy and Monitor

Power Automate Desktop flows

- Module 1 - Create and manage desktop flows
- Module 2 – Desktop flow logic
- Module 3 – Automating Desktop Applications
- Module 4 – Automating Web Applications
- Module 5 – Advanced flow scenarios
- Module 6 – Deploy and Monitor

Use Desktop flows from Cloud Flows

- Module 1 - Use Desktop flows from Cloud Flows

Create and configure custom

- Module 1 - Create and configure custom connectors

Connectors

- Module 2 – Policy Templates
- Module 3 – Custom code

Deploy and manage automations

- Module 1 - Configure machine groups and queues required
- for desktop flow automations
- Module 2 - Prepare target environments
- Module 3- Evaluate data loss prevention (DLP) policies for RPA execution
- Module 4 - Manage access to components