Faysal Aziz

Essentials of UiPath RPA

Harness the Power of Automation to Boost Efficiency in Your Workflow in 2 days

FA-0197 · 2 days

Automation, RPA & Power Platform

Introduction

In today’s fast-paced business environment, automation is no longer a luxury; it's a necessity. Robotic Process Automation (RPA) with UiPath is revolutionizing how companies operate by automating repetitive and mundane tasks, freeing up human resources to focus on more strategic activities. This 2-day intensive course is designed to provide you with the essential skills needed to leverage UiPath for developing and deploying powerful RPA solutions.

With over 10 years of industry experience, your instructor will guide you through real-world applications of UiPath, ensuring that you gain practical, industry-relevant knowledge that goes beyond theoretical concepts.

Learning outcomes

By the end of this course, participants will be able to:

- Understand the fundamental concepts and architecture of UiPath and RPA.
- Develop and deploy RPA bots using UiPath to automate business processes.
- Utilize UiPath Studio for designing, building, and debugging RPA workflows.
- Implement best practices for ensuring scalability, security, and efficiency in RPA projects.
- Integrate UiPath with other systems and platforms to create end-to-end automation solutions.
- Troubleshoot common issues and optimize RPA processes for better performance.

Prerequisites

- Basic understanding of programming concepts (e.g., variables, loops, conditionals).

- Familiarity with business processes and workflows.
- No prior experience with UiPath or RPA is required, but a background in automation is beneficial.

Training outline

1. Introduction to Robotic Process Automation (RPA)

- Overview of RPA and its business impact
- Introduction to UiPath as a leading RPA tool
- UiPath product suite: Studio, Orchestrator, and Robots
- Key concepts: Attended vs. Unattended bots, Front-office vs. Back-office automation

2. UiPath Studio Overview

- Navigating the UiPath Studio interface
- Project setup and management
- Overview of activities, workflows, and variables
- Introduction to the Recorder feature for quick automation

3. Building Your First RPA Workflow

- Creating a basic automation project in UiPath
- Utilizing activities for common tasks: data entry, file manipulation, web scraping
- Best practices in workflow design: modularity and reusability
- Debugging tools and techniques: breakpoints, log messages, and output panel

4. Advanced Workflow Design

- Control flow activities: Sequences, Flowcharts, and State Machines
- Data manipulation: Excel automation, data tables, and string operations
- Handling exceptions and errors: Try-Catch blocks and Global Exception Handlers
- Working with selectors for UI automation: dynamic selectors, wildcards, and anchors

5. Capstone Project and Final Review

- Hands-on capstone project: Automating a real-world process using UiPath
- Peer review and feedback on projects

- Recap of key concepts and Q&A session
- Next steps: advancing your UiPath skills and exploring certification paths

This course is designed to be highly interactive, with numerous hands-on exercises and real-world scenarios to ensure that you leave with the confidence to implement RPA solutions using UiPath in your own organization. Whether you are new to automation or looking to deepen your expertise, this course will provide you with the tools and knowledge to succeed in the ever-evolving world of RPA.

© 2026 Faysal Aziz · Kuala Lumpur