

UiPath Automation Developer Associate v1.0 (ADAv1)

64 Hours

Course Description

This UiPath RPA Training Course is thoughtfully designed for professionals preparing for the UiPath Automation Developer Associate v1.0 (ADAv1) exam, as well as anyone seeking comprehensive knowledge and skills in UiPath and Robotic Process Automation (RPA). The course covers a wide range of topics, from basic data manipulation to advanced automation techniques, enabling you to automate business processes effectively. By the end of this course, you'll not only be well-prepared for the ADAv1 exam but also equipped with the practical expertise to excel in RPA implementation and development.

Audience

This course is suitable for professionals and individuals interested in RPA and automation, including but not limited to:

- Business analysts
- Developers
- Automation enthusiasts
- IT professionals
- Process improvement experts
- Anyone looking to enter the world of RPA.

Pre-requisite Knowledge/Skills

There are no specific prerequisites for this course. Basic computer knowledge and familiarity with business processes will be helpful, but not mandatory.

Course Objectives

Upon completing this course, you will be able to:

- Understand the fundamentals of RPA and UiPath
- Effectively manipulate data using UiPath
- Automate various tasks and processes, including UI automation, file handling, and email communication
- Utilize UiPath Orchestrator for process management
- Implement best practices for RPA development
- Integrate version control systems and optimize workflows
- Conduct RPA testing and organize projects
- Be well-prepared for the UiPath Automation Developer Associate v1.0 (ADAv1) exam

Course Outline

The course comprises 64 hours of theory and labs. It's divided into 8 different modules.

Module 1: Introduction to UiPath and Studio

- Introduction to UiPath and Robotic Process Automation (RPA)
- Setting Up UiPath Studio

Module 2: Data Manipulation

- Data Manipulation with Strings in Studio
- Data Manipulation with Lists and Dictionaries in Studio

Module 3: UI Automation

- UI Automation Synchronization with Studio
- UI Automation Descriptors in Studio
- Selectors in Studio Deep Dive

Module 4: Debugging and Error Handling

- Debugging in Studio
- Error and Exception Handling in Studio

Module 5: File and Data Handling

- Working with Local Files and Folders in Studio
- Data Manipulation with Data Tables in Studio

Module 6: Email and PDF Automation

- Email Automation with Studio
- PDF Automation with Studio

Module 7: Logging, Orchestrator, Integration, and Version Control

- Introduction to Logging in Studio
- Orchestrator Overview for Automation Developers
- Working with Orchestrator Resources
- UiPath Integration Service Overview
- Version Control Systems Integration in Studio

Module 8: Workflow Analyzer, RPA Testing, and Project Organization

- Workflow Analyzer in Studio
- RPA Testing with Studio
- Project Organization in Studio