

UiPath StudioX Automation Developer Associate

Course Description

The UiPath StudioX Essentials course is designed to introduce participants to the fundamentals of UiPath StudioX, a powerful tool for automating routine tasks without the need for coding. Whether you're a business professional, analyst, or a citizen developer, this course equips you with the knowledge and skills needed to streamline your everyday processes..

Audience

This course is ideal for business professionals, analysts, and citizen developers who want to automate repetitive tasks and increase productivity without delving into complex coding. It is suitable for individuals seeking to leverage UiPath StudioX for automation in various industries and roles.

Pre-requisite Knowledge/Skills

No prior programming or automation experience is required. Basic computer literacy and familiarity with common business applications are beneficial but not mandatory.

Course Objectives

Upon completion of this course, participants will:

- Understand the fundamentals of UiPath StudioX: Gain an overview of StudioX, learn how to install and launch the software, and become familiar with the user interface.
- Build automation projects: Create your first automation, automate the opening of specific applications, and use basic activities such as "Open Application," "Type Into," and "Click."
- Run and debug automations: Explore different options for running automation projects, understand debugging features, and effectively identify and fix issues.
- Work with data: Use variables to store and manipulate data, explore different data types supported in StudioX, and implement automation involving lists and data tables.
- Implement decisions, iterations, and scenarios: Create conditional statements, use iterations with "Do While" and "Do Until," and manage different paths in automation through scenarios.
- Handle errors: Implement error handling mechanisms using "Try Catch" activities, log errors, and effectively handle exceptions.
- File and folder automation: Automate tasks related to file manipulation using activities like "Copy File," "Move File," and "Delete File."
- Web automation: Automate tasks on web pages using activities like "Open Browser," "Type Into," and "Click."
- Microsoft 365 Automation: Work with Excel files for reading, writing, and manipulating data. Automate tasks in Microsoft Word and PowerPoint using StudioX activities. Automate email-related tasks, including sending and receiving emails.

Course Outline

Module 1: Introduction to StudioX

- Overview of StudioX
- Download and Install StudioX
- Launching StudioX and Creating a New Project
- Familiarizing Yourself with the StudioX Interface

Module 2: Building Your First Automation with StudioX

- Creating a Simple Automation
- Automating the Opening of a Specific Application
- Using Basic Activities: "Open Application," "Type Into," "Click"

Module 3: Running StudioX Automations

- Understanding How to Run Automation Projects
- Exploring Debugging Options
- Identifying and Fixing Issues

Module 4: Working with Data in StudioX

- Using Variables to Store and Manipulate Data
- Exploring Different Data Types Supported in StudioX

Module 5: Working with Lists and Data Tables in StudioX

- Implementing Automation Involving Lists and Data Tables
- Utilizing Activities like "For Each" to Iterate Through Lists

Module 6: Decisions, Iterations, and Scenarios in StudioX

- Implementing Conditional Statements with "If" Activities
- Using "Do While" and "Do Until" for Iterations
- Creating Scenarios to Manage Different Paths in Automation

Module 7: Error Handling in StudioX

- Implementing Error Handling Mechanisms with "Try Catch" Activities

- Logging Errors and Handling Exceptions

Module 8: File and Folder Automation in StudioX

- Automating Tasks Related to File Manipulation
- Using Activities like "Copy File," "Move File," and "Delete File"

Module 9: Web Automation in StudioX

- Automating Tasks on Web Pages
- Using Activities like "Open Browser," "Type Into," "Click"

Module 10: Microsoft 365 Automation

- Working with Excel Files - Reading, Writing, and Manipulating Data
- Automating Tasks in Microsoft Word and PowerPoint using StudioX Activities
- Automating Email-Related Tasks such as Sending and Receiving Emails