

Step into Robotic Process Automation

Course Description

Overview

The Step into Robotic Process Automation (RPA) course is intended to introduce RPA to students. The course assumes no prior knowledge of RPA. The course takes a use-case approach. It begins by defining a real-world, generic problem and how it's solved in a non-RPA environment. The course goes on to teach skills that enable the students to create a robot using free UiPath software (Academic Alliance Edition) to automate the solution. The course is approximately 4-hours duration.

Course:

Step into Robotic Process Automation

Delivery Method

Self-learning/
In-class

Course

Duration

4 Hours

Audience

The course is intended for students or anyone who wants to learn the basics of Robotic Process Automation.

Pre-requisite Knowledge/Skills

To understand and complete the course successfully the student must have basic knowledge of computers.

Course Objectives

Upon successful completion of this course, students should be able to:

- Understand the basics of Robotic Process Automation
- Identify processes which can be automated
- Develop and deploy basic robots independently using UiPath RPA Platform (Academic Alliance Edition)

Course Outline

The course comprises of 4-hours of theory and labs. Its divided into 4 different modules. As a student progresses across modules, he builds on the skills and knowledge acquired in the previous module to learn further concepts:

Module 1: Introduction to Automation and RPA

- Basics of RPA
- RPA Benefits
- Processes that can be automated
- Types of Robots

Module 2: Setting up the environment

- Installing UiPath RPA Platform (Academic Alliance Edition)
- Installing browser extensions
- “Hello World” Robot

Module 3: UiPath concepts

- Screen Scraping
- Recording
- Sequences and flowcharts
- Loops
- Coding the Robot

Module 4: Advanced UiPath concepts

- Data persistence
- Working with Excel
- Selectors
- Coding the Robot
- What Next

Course:

Step into Robotic
Process
Automation

Delivery Method

Self-learning/
Online

Course

Duration

4 Hours