

Design & Development v2.0

Course Description

Overview

The Robotic Process Automation (RPA) Design & Development course offers comprehensive knowledge and professional-level skills focused on developing and deploying software robots. The course assumes no prior knowledge of RPA. It starts with the basic concepts of Robotic Process Automation. It further builds on these concepts and introduces key RPA Design and Development strategies and methodologies specifically in the context of UiPath products. A student undergoing the course shall develop the competence to design and develop a robot for a defined process. The course also prepares the student for - UiPath RPA Associate v1.0 Exam. The course consists of 40 hours theory component and an associated 20 hours of practice/ lab exercises component.

Audience

This course is intended for industry professionals and University Engineering students who want to acquire the skills of designing and developing robots for process automation.

Course:

Robotic Process
Automation Design
& Development

Pre-requisite Knowledge/Skills

To understand and complete the course successfully, the student must have basic programming skills.

Course Objectives

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

- Prepare to become Junior RPA Developers
- Learn the basic concepts of Robotic Process Automation
- Develop familiarity and deep understanding of UiPath tools
- Develop the ability to independently design and create robots for business processes
- Develop skills required to pass UiPath RPA Associate v1.0 Exam

The 40-hour Theory course is divided into 8 lessons:

Lesson 1: Robotic Process Automation Basics

Lesson 2: Introduction to UiPath

Lesson 3: Variables and Arguments

Lesson 4: Selectors

Lesson 5: Control Flow

Lesson 6: Data Manipulation

Lesson 7: Automation Concepts and Techniques

Lesson 8: Orchestrator

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Labs

The Lab component of the course consists of 20 hours of exercises mapped to the Theory portion. Each exercise helps the student practice and apply the skills learned in the Theory section of the course.