

RPA

Robotic Process Automation

Syllabus



Introduction

- **Introduction to UIPath's Robotic Automation Framework**
- **UIPath vs Blueprism vs Automation Anywhere**
- **UIPath Tool Installation and Setup**
- **Why UIPath?**

Workflow Designer Panels

- **Ribbon**
- **Universal Search Box**
- **Activities Panel**
- **Design Panel**
- **Library Panel**
- **Project Panel**
- **Properties Panel**
- **Outline Panel**
- **Output Panel**
- **Control Panel**

Types of Workflows

- **Sequences**
- **Flowcharts**
- **State Machines**

Data Manipulation

- **Variables**
- **DataTypes and Usage**
- **Managing Arguments**

Data Scraping

- **Examples of Using Data Scraping**

Recording

- **About Recording**
- **Recording Types**
- **Automatic Recording**
- **Example of Automatic Recording with Basic and**

Desktop

- **Example of Automatic Recording with Web**
- **Manual Recording**

Advanced UI Interaction

- **Input Methods**
- **Screen Scraping**
- **Data Scraping**

Selectors

- **About Selectors**
- **Selectors with Wildcards**
- **Full versus Partial Selectors**
- **UiPath Explorer**

Image and Text Automation

- **About Image and Text Automation**
- **Mouse and Keyboard Activities**
- **Text Activities**
- **OCR Activities**
- **Image Activities**
- **Examples for all activities**

Citrix Automation

- **Introduction to Citrix Automation**
- **Use case of Citrix Automation**

SAP Automation

- **Introduction to SAP Automation**
- **Use case of SAP Automation**

Excel & Data Tables

- **Excel Activities**
- **Data Tables Activity**
- **Examples**

PDF Automation

- **Data Extraction from PDF**
- **PDF Activities**

Email Automation

- **Email Automation**
- **Email Activities**

Debugging and Exception Handling

- **Debug Workflow**
- **Error Handlings**

UiPath Orchestrator

- Orchestrator UI Interface
- Connecting the Local Robot to Orchestrator
- Managing and Stopping Orchestrator Processes
- Schedules
- Managing Logs
- Assets
- Queues

Robotic Enterprise Framework(re Framework)

- Indepth re-framwrok
- Initialize Process
- Get and manage GET Transaction Data
- Processing Transaction
- Real time use case of framework

Real Time Projects and Others

- Mini Project, Labs and Special Notes