

# Robotics Process Automation with Cognitive Automation

## Robotics Process Automation Pre-Assessment Insight To Robotics Process Automation Objective

- Automation Spectrum
- Factors Leading To Robotics Process Automation Adoption
- Robotics Process Automation Vs I.T Automation
- What is Robotics Process Automation
- Robotics Process Automation Market Landscape
- Application of Robotics Process Automation
- Robotics Process Automation Roles and Job Opportunities
- Robotics Process Automation Case Study
- Robotics Process Automation Quiz

## Overview Of UiPath Objective

- UiPath Installation and Pre-Requisites
- Ui Path Platform and its components
- Project Types In UiPath
- Case Study Working with UiPath
- Overview of UiPath Quiz

## *Hands On*

- Set Up UiPath Platform
- Create Project in UiPath Studio
- Work with UiPath Studio Components

- Project 1:- Apply Concepts

### Robot Recorders, Variables, Arguments and Selectors Objective

- Basic, Desktop, Web and Citrix Recorder
- Scraping
- Scalar, 2-D and UiPath Types and Arguments
- Ui Explorer
- Selectors Full Vs Partial
- Advance Ui Interaction
- Create Dynamic Selectors
- Case Study Arguments, Recorders and Selectors
- Robotics Process Automation Case Study
- Quiz

### *Hands On:*

- Record a Robot
- Pass Arguments to Root
- Stabilize the Robot to work with dynamic Selectors
- Implement Ongoing Project with current concepts
- Project 1:- Apply Recorder, Argument and Selectors in project completed in previous module

### Advance Ui Automation and System Automation Objective

- Packages
- UI Element Activities
- Workflow Activities
- System Activities
- Programming Activities
- Robot Error and Exception Handling
- Robotics Process Automation Case Study

- Robotics Process Automation Quiz

### *Hands On*

- Enable Packages
- Implement Ui Automation and System Activities
- Implement Programming activities
- Project 1:- Apply UI Element Activities, Programming activities and Error Handling to project completed in previous module

### Advance Application Integration Objective

- Excel Automation Using UiPath
- Email Automation Using UiPath
- PDF Automation Using UiPath
- Robotics Process Automation Case Study
- Robotics Process Automation Quiz

### *Hands On*

- Read and Write bulk data in Excel
- Read Emails using robot, identify the different types of emails
- Read PDF files and extract specific data from Excel
- Project 1:- Apply Excel automation, Read live pdf data and Continuous emails to project completed in previous module

### Orchestrator Objective

- Introduction to Orchestrator
- Orchestrator Robots
- Assets
- Packages and Jobs
- Schedules
- Orchestrator Queues
- Orchestrator Activities

- Robotics Process Automation Case Study
- Robotics Process Automation Quiz

### *Hands on:*

- Connect one or more machines to Remote Orchestrator
- Provision Robot to Orchestrator
- Deploy Process to Orchestrator
- Consume Assets and Queues
- Schedule and Monitor RPA landscape
- Project 1:- Deploy Project completed in previous module to orchestrator and run it remotely to a machine located in different geographic location

### Robotics Enterprise Framework (REF) Objective

- What is Robotics Enterprise Framework
- Workflows Of RE Framework
- Connecting with Queues
- Deploy and Run REF project from Orchestrator
- Case Study
- Quiz

### *Hands on*

- Implement Industry Standard/Real Life Based Project using Robotics Enterprise Framework utilizing framework workflows, variables. Integrate your own custom workflows.
- Deploy and run the project from Orchestrator to learn full cycle RPA Assessment, Development and Administration

### Enterprise Grade AI/ML based Robots Objective

- Machine Learning with Robotics Process Automation
- Solutioning the Robot
- Ui Path Best Practices

- Ui Path Solution Guidelines
- Case Study
- Quiz

### *Hands On*

- Use UiPath provided machine learning features of UiPath to perform RDP and Citrix Automation.
- Implement Industry Solution best practices
- Identify Code Violations and Perform review of ill designed RPA solutions

### Certification Project Objective

- UiPath Diploma Certification Project

### *Project 1*

#### *Ui Path Certification Project Calculate Client Security Hash*

- This project will help you attain UiPath Advance Diploma. It will also prepare to attain UiPath Advance Certification as well.
- Work with Web Automation on Google Chrome Browser
- Work with RE Framework
- Work with complex workflows and Selectors