RPA UiPath Training

Course Overview:

dridhOn Robotic Process Automation training with UiPath is industry-designed to help you become a certified RPA expert. You will learn about the key concepts of RPA, the UiPath tool for Windows deployment, the creation of RPA intelligent bots, the industrial applications of RPA, and the key guidelines for implementing RPA as part of the RPA certification training, as well as hands-on projects and case studies to ensure that you are Industry ready upon completion of the course.

Training Features:

- 8X higher interaction in live online classes conducted by industry experts
- 48 Hrs. live Classes of RPA Developer with Interview Preparation
- 3 real-time industry projects with hands-on preparation
- Unlimited Interview Opportunities with Placement Support
- Industry-recognized course completion certificate

Delivery Mode:

- Online Live Virtual Instructor Led Training

Target Audiance:

- The Basic Requirement to start a career as an RPA Developer, you'll need a Bachelor's degree or at least 1+ years of experience in Information Technology (IT). A Bachelor's degree in Technology justice will help you get the job.

Key Learning Outcomes:

- UiPath Studio
- UiPath Robot
- UiPath Orchestrator
- GUI automation
- Web automation
- Citrix manipulation
- PDF automation
- Debugging
- Scalable Queue Management System
- RE Framework
- Data Table
- Comprehend Searching Method
- Virtual environment automation
- Automated tasks configuration

Certification Details:

- Complete at least 85 percent of the course or attend one complete batch
- Successful completion and evaluation of the project

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<u>Objectives</u>

- Know about the concepts of RPA
- Understand how Robotic Process Automation works.
- Understand the RPA development methodology
- Know about the RPA Solution Architecture Patterns
- Handle exceptions
- Understand the types of Bots
- Know about various RPA tools and selection criteria

<u>Topics</u>

- Why automate repetitive tasks/process
- What is Robotic Process Automation
- Natural language processing and RPA
- How Robotic Process Automation works
- RPA development methodology and life cycle
- RPA Solution Architecture Patterns – Key Considerations
- Input Data Handling Solution Pattern
- Exception Handling
- Transaction Logging
- Credential Management
- Secure Execution
- Monitoring and Reporting
- Types of Bots
- List of Robotic Process Automation Tools

<u>Overview of UiPath</u>

<u>Objectives</u>

- Understand what is UiPath and its platform components
- Install UiPath Community Edition Software
- Get an overview of the types of Projects in UiPath
- Understand UiPath User Interface
- Know different Automation Activity Packages
- Work with workflow activities

<u>Topics</u>

- Introduction to UiPath
- Types of Projects
- Blank
- Simple Process
- Agent Process Improvement
- Transactional Business Processes

<u>User Interface</u>

- Ribbon
- Activity Panel
- Properties Panel
- Configuration Panel
- Output Terminal

Domains in Activities

- UI Automation
- User Events
- Orchestrator
- App Integration
- System
- Programming
- Workflow

Workflow Files in UiPath

- Sequence
- Flowchart
- State Machine

Hands-on/Demo/Use-case:

- Setup and Configure UiPath Studio
- Demo on how to use some of the keys
- activities in UiPath
- Use Case for building a solution workflow
- Use Case for building a vending machine functional workflow (state machine)

UI Automation and System Activities

Objectives

- Know what is UI Automation
- Understand different System Activities
- Configure Properties of Automated Tasks
- Know about the Variables
- View Output in UiPath
- Understand Arguments
- Import Packages for a Custom Use Case

Topics

- UI Automation
- Element
- Text
- OCR
- Image
- Browser
- Window

System

- File
- Clipboard
- Application
- Environment
- PowerShell
- Dialogue
- Properties

Variables

- Managing Variables
- Naming Best Practices
- The Variables Panel
- Types of Variables

Output

- Arguments
- Managing Arguments
- Naming Best Practices
- The Arguments Panel
- Using Arguments

Import

- About Imported Namespaces
- Importing New Namespaces

Hands-on/Demo/Use-case

- Implement Text and Image Automation using UI Automation and OCR
- Working with key UI Automation and System Activities
- Set Properties for Activities
- Using Variables and Arguments
- Importing Namespaces
- Use Case for building and leveraging a reusable workflow
- Use Case for Text and Image Automation

User Events, Recorder and Scraping

Objectives

- Understand User Events
- Perform App Integration
- Automate using Recorder in UiPath
- Perform Scraping
- Understand Selectors

Topics

User Events

- Element Trigger
- Image Trigger
- System Trigger

App Integration

- Excel
- CSV
- Mail Automation

Recorder

- Introduction to Recorder
- Recording Types
- Automatic Recording and Manual Recording
- Example of Automatic Recording with Basic and Desktop
- Example of Automatic Recording with Web
- Manual Recording

Scraping

- Screen Scraping
- Data Scraping

Selector

- About Selectors
- Selectors with Wild cards
- Full versus Partial Selectors
- UiPath Explorer

Hands-on/Demo/Use-case

- Managing User Events
- Automating Excel
- Automate Data from Mail
- Using Recorder
- Scraping data from Screen
- Scraping data from Web
- Using Selectors
- Use Case for Data Scraping from web
- Use Case for working with data from Excel

Workflow, Citrix and Data Manipulation

Objectives

- Understand Workflow
- Understand Orchestrator
- Perform Citrix Automation
- Perform Data Manipulation
- Perform PDF Automation

Topics

- Workflow
- Control Flow
- Flowcharts
- State Machine
- Checkpoint
- Invoke

Orchestrator

- Queues
- Assets
- Process

Citrix Automation

- Introduction to Citrix Automation
- Automating Virtual Environments using Citrix
- Automating Text and Image in the Virtual Environment
- Image to Text Conversion in Virtual Environment

Data Manipulation

- PDF Automation
- PDF Data Extraction and Automation

Hands-on/Demo/Use-case

- Designing Workflow
- Using Citrix Automation
- Data Manipulation
- Data Extraction using PDF

Programming and Troubleshooting

Objectives

- Understand Programming Activity
- Understand Project Organization
- Perform Error Handling

Topics

- Programming
- Collection
- String
- Data Table
- Debug
- Execute
- GenricValue

Project Organization

- Extract as Workflow
- Workspace overview
- How to model a complex automation process

Error Handling

- Rethrow
- Terminate Workflow
- Throw
- Try Catch

Hands-on/Demo/Use-case

- Using Programming Activity in UiPath
- Automation using Data Tables
- Organizing Complex Projects
- Different ways of Error Handling
- Use Case for manipulating data through collections and data tables

Orchestrator CE & Other RPA Tools

Objectives

- Deep Dive into Orchestrator Community Edition
- Know about different RPA tools and their trend

Topics

- Deep Dive into Orchestrator Community Edition
- Know about different RPA tools and their trend