Robotic Process Automation with UiPath

Session 1- Robotics Process Automation

- Introduction of RPA
- What and why RPA
- Job Opportunities with RPA
- Type of jobs eligible for RPA automation
- RPA Tools
- RPA Tools Installation
- Differences between Automation Tools

Session 2: Introduction to UiPath

- Introduction
- Installation and activation
- Ribbon
- Universal Search Box
- Activities Panel
- Design Panel
- Library Panel
- Project Panel
- Properties Panel
- Output Panel
- Control Panel

Session 3 –UiPath Building blocks

- Different types of workflows
- Creating-a-basic-workflow
- Managing packages
- Reusing Library
- Installing-the-extension-for-UiPath-studio
- Source control
- Activities guide
- Workflow, Control Flow, Sequences
- Sequences
- Flowcharts
- State Machines

Session 4 – UiPath Building Blocks

- Control Flows
- The-assign-activity
- The-delay-activity
- The-do-while-activity
- The-if-activity
- The-switch-activity

- The-while-activity
- The-for-each-activity
- The-break-activity
- Managing-variables
- Naming-best-practices
- The-variables-panel
- Generic-value-variables
- Text-variables
- True-or-false-variables
- Number-variables
- Array-variables
- Date-and-time-variables
- Data-table-variables
- Managing-arguments
- Using-arguments

Session 5- Excel and Data Tables

- Data Manipulations
- Excel Automation
- Data tables

Session 6- Recording

- Recording Introduction
- Recording Types
- Automatic Recording
- Manual Recording

Session 7- Scraping

- UI Elements
- Output-or-screen-scraping-methods
- Examples-of-using-output-or-screen-scraping-methods
- About-web-scraping
- Example-of-using-web-scraping
- About-data-scraping
- Example-of-using-data-scraping

Session 7 - Image and Text Automation

- About-image-and-text-automation
- Mouse-and-keyboard-activities
- Guides/text-activities
- Guides/ocr-activities
- Image-activities
- Mouse-and-keyboard-automation

- Text-automation
- OCR-and-image-automation

Session 8- Exception and Debugging

- Exception Handling
- Logging
- Debugging
- Tracing

Session 9- Mail and PDF

- PDF-data-extraction
- Email-automation

Session 10- Project Organization

- Project organization

Session 11- Custom Component and Code Stage

- Custom Component Development
- Component Deployment
- Accessing Robots using WCF Web Services

Session 12- Database

- Connecting with Database
- Executing Query with Database

Session 13-UiPath Orchestrator, Front + Back Office Robots

- Orchestrator Overview
- Orchestrator Hosting
- Robots Hosting
- Processing Hosting
- Process Monitoring