

RPA Blue Prism Course Content

Course Description:

Blue Prism is one of the Robotic Process Automation tools that can be used highly by organizations with less effort. The Blue Prism technology can be used by both IT industries and business organizations with different kinds of application user interfaces. Our Blue Prism online training masters your knowledge in basics of Blue Prism, RPA automation essentials, multi bot architecture and enhances technical skills in building scalable bots and deploying blue prism through practical sessions, assignments, and real-time projects

Hachion's RPA Blue Prism training program is exclusively designed for beginners and professionals who are willing to learn Robotic Process Automation & Artificial Intelligence and wish to break through their careers into the RPA world. Blue Prism RPA requires basic programming knowledge. So, beginners can learn the RPA Blue prism technology tools very easily.

At Hachion, students who undergo Blue Prism online course training will get complete hands-on exposure to this powerful RPA tool. Advanced Blue Prism training at Hachion that delivers the right knowledge and skill to meet the demand for Blue Prism's digital workforce. No-code intelligent automation, Robotic operating model, Blue prism digital exchange, and other features of RPA Blue prism technology with advanced concepts are included in the tutorial to give in-depth knowledge to become an RPA developer.

Course Content:

Introduction to RPA and Industry Use Cases

- Challenges with existing automation
- Rise of Robotic Process Automation
- What, Why and When RPA
- Industry use cases (BFSI, Shared Services, Healthcare, etc.)

Introduction to Blue Prism

- Intro to Blue Prism
- Setting up and getting started with Blue Prism
- Pre-requisites
- Blue Prism Architecture, deployment model and components
- Blue Prism operating model
- Application Types – Windows, Main Frame, Java, and browser-based applications
- Running a process
- Dashboard and analytics

Process Flow

- Process Studio overview
- Data items (Number, String, Collection)

- Decisions, Calculations, and Choice
- Collections, Circular paths, and Loops
- Layers of controlling
- Pages for Organization
- Assignment

Business Objects and Process Layers

- Object studio and Process studio,
- Differences action Stages
- Application Modeler – Accessibility Mode, Win32 mode, HTML & SAP Mode
- Spying Elements
- Attributes
- BO stages
- Attach and Detach
- Action inputs and outputs
- Data items as Inputs
- Assignment

VBO

- Introduction to VBO
- File Management
- Collection
- Utility
- XML
- Database
- Assignment

Inputs and Outputs

- Inputs, Output and Startup Parameters
- Data item Visibility
- Data types
- Control Room
- Process Outputs
- Assignment

Excel Automation

- Read Date
- Write Data
- Merge to Excel
- Net excel file create
- Data matching
- Assignment

Email Automation

- Receive Email
- Send Email
- Download Attachment
- Assignment

Error Management – Exceptional Handling

- Recover and Resume
- Throwing Exceptions
- Preserving the Current Exceptions
- Exception Bubbling & Exception Blocks
- Exceptional Handling in Practice
- Assignment

Debugging

- Debug process & VBO
- Step in, over and out
- Debug complex process
- Assignment

Case Management – Work Queues

- Queue Items
- Work Queue Configuration
- Defer
- Attempts
- Pause and Resume
- Filters
- Reports
- Assignment

Release Manager and Logging

- Safe Stop
- Collection Actions
- Choice Stage
- Log Viewer
- System Manager
- Process / Business Object grouping
- Process and Object references
- Export and Import
- Packages and Releases
- Assignment

Surface Automation

- Introduction to Surface Automation
- Training Application and Object Model
- Interacting with Application Elements (Text boxes, Combo boxes, buttons etc.)
- Tabulated Data
- Sending Key events and Special keys
- Assignment

VB.Net / C# Introduction

- Overview of VB.Net/ C#
- Visual Studio overview
- Write small codes using VB.Net
- Assignment

Code Stage

- Building own business object
- Creating one VBO and consuming in Object and Process Studio
- Assignment

Blue Prism Login Agent

- Overview and setup
- Login agent in Production
- Setting up Blue Prism run time resource
- Assignment

System Admin Function

- Use of Environment Variables
- Publish process
- Run process from Control Room
- Package and release management
- Scheduling of processes
- Security management (User and role)
- Assignment

Database Automation

- Database configuration
- Query execution
- Record insertion
- Store procedure execution
- Input / output
- Assignment

Web Service Automation

- Web Service configuration
- SOAP consumption
- REST service consumption
- Assignment

OCR Integration

- Introduction to OCR
- Image automation using OCR
- Invoice automation using OCR
- Assignment

IBM Watson Intelligent Services

- Introduction to Cognitive RPA
- Introduction to IBM Watson
- Setting up Blue Prism intelligent services environment
- Natural Language Processing
- Natural Language Understanding
- Text, Sentimental, Emotion, Classification, Context Analysis
- Language classification, identification and translation
- Computer vision
- Assignment

RPA Project Activities and artifacts

- Process selection Framework – Discovery Phase
- Process effort Estimation
- RPA Project Estimation
- RPA Tool selection
- BOT size calculation and ROI calculation
- Walkthrough of PDD and SDD Documents