



## **Cognitive RPA Blue Prism Master Class - Course Syllabus**

### **RPA Tool– Blue Prism**

#### **1. Introduction**

- RPA overview
- RPA value proposition
- RPA Tool vendor landscape
- Why Blue Prism
- Business Cases for Blue Prism Deployment
- The Purpose and Benefits of Deploying Blue Prism
- Job opportunity with RPA and AI

#### **2. Blue Prism Technology Overview**

- How Blue Prism Works
- Blue Prism Architecture
- Blue Prism operating Model

#### **3. Installing Blue Prism**

- Database installation
- Blue Prism Installation
- License key setup

#### **4. Exploring Blue Prism**

- Working with different stages
- Calculation, Decision, Choice, Collection, Loop, Anchor,
- Understanding Business Objects
- Understanding Blue Prism Processes
- Pages, Multi Page and page linking
- Inputs, Output and Startup Parameters
- Data item Visibility and their types
- Error/Exception Handling

#### **5. End-to-End Automation of a process – Windows and Web application**

- Creating and Managing Business Objects in Object Studio
- Creating and Managing Blue Prism Processes in Process Studio

#### **6. Spying Mode**

- Win 32
- Accessibility
- Region Mode (Surface Automation), HTML Mode



## **Cognitive RPA Blue Prism Master Class - Course Syllabus**

### **7. Using Control Room**

- Work Queues Management
- Session Management
- Scheduler

### **8. Excel Automation**

- Read Data
- Write Data
- Append to Excel

### **9. Email Automation**

- Mail configuration
- Received Email
- Send Email with/without attachment

### **10. SQL Automation**

- Set connection
- Execute Queries
- Fill data to collection/CSV from SQL Database

### **11. Deploying Blue Prism processes**

- Configuring Blue Prism process
- Deploying Blue Prism processes in control room

### **12. Code Stage**

- Code Stage overview
- Writing scripting in Code Stage

### **13. Blue Prism Administration**

- Blue Prism Security
- Pooling



## **Cognitive RPA Blue Prism Master Class - Course Syllabus**

- Audit and Process Logs
- Reporting & Dashboard
- Packaging and release management
- Multi bot architecture setup
- Login Agent setup

### **14. RPA Life Cycle and their artifacts**

- Initial Process Analysis (IPA)
- Define - Process Definition Document(PDD)
- Design - Solution Design Document (SDD)
- Automation Development
- Testing Definition Document (TDD)
- Deployment Model
- Design and Architecture practices

## **Cognitive Automation - IBM Watson**

Cognitive Analytics with IBM Watson will enables data exploration, predictive analytics and effortless dashboard along with info-graphic creation.

### **15. Introduction**

- What is Cognitive RPA?
- Cognitive RPA – features
- Cognitive RPA platform overview
- Cognitive RPA use cases

### **16. Natural Language Processing (NLP)**

- Text Analysis, Sentiment Analysis
- NLP API consumption
- Build your own social media monitoring tool
- Analysis of Email

### **17. Image Analytics**

- Computer Vision
- Image Classification
- Unstructured data to structure conversion
- Aadhar/PAN/Invoice extraction