skillcubator
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Robotics Process Automation (RPA) Business Analysis

COURSE DETAILS DOCUMENT

Available Formats for this Course

• LIVE Live - Online

 In-person

 Private Team Training

Prerequisites: Knowledge of Business Analysis., basics of MS Word, Excel, and PowerPoint. If you do not have basic knowledge of business analysis, please talk to our training coordinators and we will guide you on how to proceed further.

In the last few years, Robotics Process Automation (RPA) discipline has taken the business and technology world by storm, opening a totally new dimension and venue for organizations to automate either their entire or part of business processes by using individual software entities such as bots a.k.a virtual worker. In simple terms, RPA is a process of creating and managing bots in order to perform repeatable and mundane tasks without any involvement of a real human being. These bots have become a very integral part of an IT ecosystem and have helped organizations save a tremendous amount of time, money, and resulted in increased productivity and high-quality work.

Some Glaring Statistics on RPA

- *Despite being a relatively new concept, the global RPA market size is expected to reach $11 billion by 2027, expanding at a CAGR of 34% from 2020 to 2027 (Grand View Research).*
- *As per Gartner, 72% of the organizations will adopt RPA which was classified as the fasters growing corporate software.*
- *As per Gartner, RPA Market Forecast to Grow at Double-Digit Rates Through 2024 Despite Economic Pressures from COVID-19*
- *Global robotic process automation (RPA) software revenue reached $1.89 billion in 2021, an increase of 19.5% from 2020, according to the latest forecast from Gartner, Inc. Despite economic pressures caused by the COVID-19 pandemic, the RPA market is still expected to grow at double-digit rates through 2024.*

As more and more organizations adopt RPA in their business processes, demand for skilled business analysts, with deep insights into RPA, is also increasing exponentially. 'RPA Business Analysis' is an extension of conventional business analysis, which requires all the knowledge, skills, and expertise of a conventional business analyst plus knowledge of RPA.

Is this Program Right for You?

This training program caters to someone who has basic knowledge of the Software Development Lifecycle (SDLC) and is well-versed in business analysis fundamentals. This course is most suited for the following roles:

- Business Analysts
- Business and Technical Leaders
- Business Architects
- Project Managers
- Executives Involved in Process Automation via RPA
- RPA Practitioners and Team Members
- Product Owner

Course Outline

Module 1

1.1 What is RPA?
1.2 How does RPA Function?
1.3 History of RPA
1.4 Fundamental Concepts of RPA
1.5 Application of RPA in Real-world and Various Use Cases

Module 2

1.1 Software Development Lifecycle (SDLC) Concepts
1.2 Role of a Business Analyst across SDLC
1.3 Understanding 'Requirements Lifecycle'
1.4 How to Use Conventional Business Analysis in the RPA Domain?
1.5 Role of a Business Analyst in the RPA Domain
1.6 Skills (Hard and Soft) Required by a Business Analyst in the RPA Domain

Module 3

1.6 What is a Business Process?
1.7 Understanding Business Process Management Lifecycle?
1.8 Business Process Improvement
1.9 Business Process Re-engineering
1.10 What is Business Process Modeling?
1.11 What is a Basic Flowchart?
1.12 Understand Notations to Create a Basic Flowchart
1.13 Create Basic Flowchart Using Industry-standard Modeling Tools
1.14 What is a Cross-functional Flowchart?
1.15 Understand Notations to Create a Cross-functional Flowchart
1.16 Create a Cross-functional Flowchart Using Industry-standard Modeling Tools

Module 4

1.17 Introduction to RPA / RPA Tools & High-level Architecture (Studio, Robot, Orchestrator).
1.18 Recordings in UiPath Studio
1.19 Variable and Arguments
1.20 Data Manipulation
1.21 UI Interaction
1.22 Screen Scraping and Data Scraping
1.23 Error and Exception Handling
1.24 Workflow and Libraries
1.25 Orchestrator Intro
1.26 Configuring your Robot
1.27 Configuring your Robot
1.28 Re-framework
1.29 Deep Dive into Re-framework

1.30 Re-framework without Queues
1.31 Modifying Re-framework
1.32 Use Case with Re-framework
1.33 Best Practices and Industry Standards

Features

- Training Program as per Latest Industry Demand
- IIBA Endorsed Education Provider
- Access to Learning Management System (LMS)
- Free PSM-I and PSPO-I Training Included in the Package
- 35 PDUs/PDUs
- IIBA Certified Instructors with 20+ Years of Experience
- Plenty of Case Studies, In-class Exercises, Quizzes, and Take-home Assignments
- 10+ Industry-standard Tools
- Personalized Resume, LinkedIn Profile Makeover, and Cover Letter
- Course Aligned to IIBA's BABOK 3.0 and PMI's Body of Knowledge
- Comprehensive Capstone Project
- Experiential Learning through Case Studies

Software/Tools Used for this Training

- Microsoft Office (Word, Excel, and PowerPoint)
- Microsoft Visio/Draw.io/Gliffy/Lucidchart
- Balsamiq, Mockflow
- UiPath (Industry-standard RPA Software)
- Blue Prism (Industry-standard RPA Software)

Duration

- 4 Weeks (Monday through Thursday from 8:00 PM EST to 10:00 PM EST)
- Total: 32 Hours

Fees

1500 USD + 5.3% Sales Tax