UiPath Certified Automation Business Analyst v1.0

Course Description

Designed based on the UiPath Business Analyst guidelines, the UiPath Certified Automation Business Analyst (UiABA) aims to assess knowledge and skills in gathering requirements, process discovery, process analysis, and designing and implementing automation using UiPath Solution Suite. The UiABA is a credential intended for mid-career Business Analysts who possess a breadth of knowledge and industry experience in business process automation. Candidates seeking to become UiABA certified preferably have completed the UiPath Academy courses listed as recommended training and optionally hold the UiRPA Certification. UiABA is recommended for roles such as Automation Business Analyst, Project Manager, Solution Architects, and Change/Transformation Managers.

Audience

Designed based on the UiPath Business Analyst guidelines, the UiPath Certified Automation Business Analyst (UiABA) aims to assess knowledge and skills in gathering requirements, process discovery, process analysis, and designing and implementing automation using UiPath Solution Suite. The UiABA is a credential intended for mid-career Business Analysts who possess a breadth of knowledge and industry experience in business process automation. Candidates seeking to become UiABA certified preferably have completed the UiPath Academy courses listed as recommended training and optionally hold the UiRPA Certification. UiABA is recommended for roles such as Automation Business Analyst, Project Manager, Solution Architects, and Change/Transformation Managers.

Pre-requisite Knowledge/Skills

The Minimally Qualified Candidate (MQC) is an individual with the following:

• 2+ years of experience as a Business Analyst and have participated in at least five automation projects using UiPath Solutions

• In-Depth knowledge of Business Analysis Best Practices and Standards described in BABOK ® (Business Analyst Body of Knowledge ®) or similar

• Technically proficient and possesses the knowledge/skills to gather and analyze requirements for new automation projects as well as improving the existing process.

Course Objectives

- Understand the basics of Robotic Process Automation (RPA) and how it is used in digital transformation

- Learn about UiPath as a leading RPA software provider and its key components including Communications Mining, Task Mining and Automation Hub

- Understand the Robotic Enterprise Framework and its role in developing RPA solutions

- Learn about the role of a Business Analyst in RPA implementation and the stages involved in the implementation methodology

- Explore UiPath Task Capture and its features including process mapping options, user interface, and customization options

- Understand UiPath Selectors in Studio and its importance in automating processes

- Learn about UiPath Action Center and how it leverages AI and machine learning for end-to-end automation

- Understand UiPath AI Computer Vision and its role in automating processes that require image and text recognition

- Learn about UiPath Document Understanding and its features including taxonomy manager, digitizing scanned and native documents, document classification, data extraction, and validation station

- Understand the fundamentals of Business Analysis including capturing business analysis results, requirements and requirements architecture, analysis and models used in business analysis, UiPath requirements analysis framework, elicitation cycle, elicitation techniques, facilitating workshops and sessions, and planning for elicitation and requirements analysis

- Learn about RPA discovery journey, discovery analysis, initiative vision, information capture and normalization, SIPOC, impact analysis, problem and opportunity analysis, process analysis, standards for process modeling, business requirements goals and objectives, business requirements scope, business context diagram, and high-level requirements statements..

Course Outline

The course comprises 40-hours of theory and labs. It's divided into 9 different modules.

Module 1: Introduction to RPA and UiPath

- What is RPA? What is Automation?
- Automation is Driving the Digital Transformation
- Introduction to UiPath
- UiPath Communications Mining
- UiPath Task Mining
- UiPath Automation Hub
- Robotic Enterprise Framework

Module 2: Automation Business Analysis Fundamentals

- Business Analysis Overview
- The Role of a Business Analyst
- Implementation Methodology Stages Overview
- Business Case and Technical Validation

- Process Analysis
- Solution Design, Development, and Testing
- User Acceptance Testing (UAT)
- Deployment, Hypercare, and Project Closure

Module 3: UiPath Task Capture

- Introducing Task Capture
- Get Started with Task Capture
- How Does Task Capture Work?
- Identifying the Process Mapping Options in Task Capture
- Exploring the Task Capture User Interface
- Using Capture Process
- Using Build Diagram
- Saving, Exporting, and Importing Options in Task Capture
- Customizing Task Capture

Module 4: UiPath Selectors in Studio

- Introducing Selectors
- The UI Explorer and the Property Explorer
- Types of Selectors: Full and Partial
- Fine-tuning selectors: Wildcards, Variables, and Index Variables
- Managing Difficult Situations Involving Selectors

Module 5: UiPath Action Center

- Introduction to AI and Machine Learning in RPA
- What is AI Center?
- Identifying Use Cases
- Deployment and Installation
- An End-to-End Preview of AI Center
- Engaging Humans and Robots for End-to-End Automation
- Introduction to Action Center
- Actions in Action Center
- Processes in Action Center

Module 6: UiPath AI Computer Vision

- Introduction to AI Computer Vision

- Engaging Humans and Robots for End-to-End Automation
- Introduction to Action Center
- Actions in Action Center
- Processes in Action Center

Module 7: UiPath Document Understanding

- Introduction to Document Understanding
- Taxonomy Manager
- Working with Taxonomies
- Practice - Adding a New Document Type
- Digitizing Scanned and Native Documents
- Document Object Model
- Document Classification
- Practice - Setting up a Classifier
- Data Extraction
- Practice - Setting up Extractors
- Validation Station
- Practice - Validating the Extraction Results
- How to Consume the Data and the Feedback Loop
- Practice - Exporting the Data and Training the Classifiers

Module 8: Business Analysis Fundamentals

- The Five "W"s of Business Analysis: Who, What, When, Where, and Why
- The Role of Business Analysis in Organizations
- Capturing Business Analysis Results
- Requirements and Requirements Architecture
- Analysis and Models Used in Business Analysis
- UiPath Requirements Analysis Framework
- Elicitation Cycle
- Elicitation Techniques
- Facilitating Workshops and Sessions
- Planning for Elicitation and Requirements Analysis
- Case Study

Module 9: Requirements Strategy and Scope Analysis

- RPA Discovery Journey
- Discovery Analysis

- Initiative Vision
- Information Capture and Normalization
- SIPOC
- Impact Analysis
- Problem and Opportunity Analysis
- Process Analysis
- Standards for Process Modeling
- Business Requirements: Goals and Objectives
- Business Requirements Scope
- Business Context Diagram
- High-level Requirements Statements