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Sign Up

UiPath Advanced RPA Developer (UiARD) Certification Training

3 days (21 hours)

Overview

RPA (Robotic Process Automation) is a key technology in digital transformation that automates repetitive, rule-based tasks by simulating human actions on application interfaces. UiPath has established itself as the undisputed leader in this market thanks to its comprehensive ecosystem combining visual development, artificial intelligence, and centralized governance.

Our RPA and UiPath training will help you understand the challenges of RPA, design and develop your first software robots (workflows) using UiPath Studio, and harness the power of selectors to interact with web or desktop applications.

You'll also learn how to handle complex structured data (Excel files, email streams), ensure the reliability and optimization of your scripts, and deploy your automations enterprise-wide through the centralized management of the UiPath Orchestrator.

By the end of the training, you'll be able to analyze the suitability of business processes, design robust automations, manage security aspects (credentials, assets), and monitor your robots in production.

Like all our training courses, this one will introduce you to **the latest stable version** of the technology and its new features.

Objectives

- Understand the fundamental principles and scoping methodology for an RPA project.
- Master the development of robust automated processes using UiPath Studio and Studio Pro.

- Effectively interact with Excel files, emails, and applications using the selector system.
- Deploy, orchestrate, secure, and schedule robots using the UiPath Orchestrator.
- Apply best practices for error handling, logging, and monitoring in production.

Target Audience

- Software developers and integrators
- Functional and technical consultants
- Project managers and business analysts looking to automate business processes

Prerequisites

- General knowledge of algorithms or programming logic
- Familiarity with the Windows environment and the Office suite (particularly Excel)
- General comfort with computer tools

Technical Prerequisites

- Windows 10 or 11 operating system (UiPath Studio runs natively on Windows)
- Administrator rights on the machine to install UiPath Studio
- A stable internet connection for accessing the Orchestrator

Our RPA & UiPath Training Program

[Day 1 - Morning]

Introduction to RPA and Project Scope Definition

- Understanding RPA: What Is Robotic Process Automation?
- Strategic Considerations: The Value and Benefits of RPA for Businesses
- Eligibility: Which Processes Can Be Automated?
- Use Cases: Concrete Examples of Robotic Process Automation Applications
- Hands-On Workshop: Opportunity Analysis Based on a Real-World Case Study and Identification of High-Value-Added Processes.

[Day 1 - Afternoon]

Methodology, Governance, and Solution Selection

- Prioritization: Selecting tasks to automate using a decision matrix

- Modeling: Preparing for automation using a graphical method (workflows)
- Stakeholders and Roles: Which roles are involved in an RPA project (Dev, Ops, Business)?
- Market Benchmark: Comparative analysis of RPA solutions and selection of the appropriate tool
- Hands-On Workshop: Graphically mapping a target process and completing a decision matrix.

[Day 2 - Morning]

UiPath Studio: Fundamentals and Getting Started

- Overall Architecture: Overview of the ecosystem (Development Studio, Orchestrator, Robot)
- Exploring the Interface: Discovering Studio Menus and Best Practices for Navigation
- Component Ecosystem: Useful Libraries and Package Management
- Hands-On Workshop: Introduction to the tool through a guided demonstration and first steps in creating a simple scenario.

[Day 2 - Afternoon]

UiPath Studio: Data Manipulation and Selectors

- Scaling: Introduction to UiPath Studio Pro and its advanced features
- Script Flexibility: Using an external file to configure and dynamize scripts
- Data Processing: Excel automation (reading, filtering, and processing structured data from one or more files)
- Interface Recognition: Interfacing with Web and Desktop Applications via the UiPath selector system
- Hands-on Workshop: Extracting data from an Excel file to automatically populate a web or desktop form using selectors.

[Day 3 - Morning]

UiPath Studio: Communication and Complex Scenarios

- Automating Communication Workflows: Email Management (reading, sorting, processing, and sending emails with the robot)
- Code Optimization: Techniques for improving, enhancing reliability, and cleaning up scripts
- Hands-on Workshop: Designing and implementing a complex end-to-end scenario (Reading an email -> Extracting an Excel attachment -> Processing the data -> Application data injection).

[Day 3 - Afternoon]

The Orchestrator, Deployment, and Advanced Features

- Role of the Scheduler: Launching, monitoring, and executing scripts automatically
- Industrial Planning: Scheduling automated process triggers
- Security and Centralization: Secure retrieval of assets and credentials via the Orchestrator API
- Monitoring: Real-time process monitoring and detailed error log management
- Technology Overview: Introduction to advanced modules (Insights, AI Center for AI, UiPath Apps)
- Hands-on Workshop (Final Project): Publishing the robot to the Orchestrator, configuring security assets
security assets, scheduling its automatic triggering, and analyzing execution logs.

Target Audience

This training is intended for both individuals and companies—large or small—that wish to train their teams in a new, advanced IT technology or to acquire specific business knowledge or modern methods.

Entry-Level Assessment

The pre-training assessment complies with Qualiopi quality standards. Upon final registration, the learner receives a self-assessment questionnaire that allows us to evaluate their estimated proficiency level across various types of technologies, as well as their expectations and personal goals for the upcoming training, within the limits imposed by the selected format. This questionnaire also allows us to anticipate certain connection or internal security issues within the company (intra-company or virtual classroom) that could pose challenges for monitoring and ensuring the smooth running of the training session.

Teaching Methods

Hands-On Training: 60% Hands-On, 40% Theory. Training materials distributed in digital format to all participants.

Organization

The course alternates between theoretical input from the instructor—supported by examples and reflection sessions—and group work.

Assessment

At the end of the session, a multiple-choice quiz is administered to verify that participants have successfully acquired the skills.

Certification

A certificate will be issued to each trainee who has completed the entire training program.