

ONLINE CLASSES

UI PATH RPA TOOL

IN 45 DAYS

KNOWLYFT ACADEMY LLP

 **UiPath™**
SYLLABUS



WHAT IS RPA?

Robotic Process Automation is the use of software with Artificial Intelligence (AI) and machine learning (ML) capabilities to handle high-volume, repeatable tasks that previously required humans to perform. Some of these tasks include:

- Addressing queries
- Making calculations
- Maintaining records
- Making transactions

WHY RPA?

- Automation can improve processes by to 100%
- Processing becomes 10 times faster
- Accuracy increases to 100 percent

WHO USE RPA?

Global IT firms use RPA to automate their onboarding processes with the help of vendors like MS POWER AUTOMATE

WHAT IS UI PATH?

UiPath is a robotic process automation tool for large-scale end-to-end automation. For an accelerated business change, it provides solutions for businesses to automate routine office activities. It uses a variety of methods to transform tedious tasks into automated processes

UI PATH SYLLABUS

- 01 Introduction to RPA and UiPath
- 02 UiPath Studio
- 03 User Interface Automation
- 04 Data Manipulation and Integration
- 05 Orchestrator
- 06 Advanced Topics
- 07 UiPath Certifications
- 08 Real- World Projects

1. INTRODUCTION TO RPA & UIPATH

- Understanding RPA and its benefits
- Overview of UiPath and its features
- UiPath Studio and UiPath Orchestrator

2. UIPATH STUDIO

- Introduction to UiPath Studio interface
- Creating and managing projects
- Basic and advanced workflow design
- Variables and data types
- Control Flow and Decision Making
- Error handling and debugging

3. USER INTERFACE AUTOMATION

- Automating web applications
- Automating desktop applications
- Working with selectors
- Handling user inputs and interactions
- Screen scraping and data extraction

4. DATA MANIPULATION AND INTEGRATION

- Working with Excel and CSV files
- Data tables and data manipulation
- Integration with databases
- API automation

5. ORCHESTRATOR

- Introduction to UiPath Orchestrator
- Managing robots and processes
- Scheduling and monitoring automation jobs
- Assets and queues
- Security and access control

6. ADVANCED TOPICS

- Reusable components and libraries
- Working with queues and transactions
- Advanced error handling strategies
- State machines and robust automation design
- UiPath automation best practices

7. UIPATH CERTIFICATIONS

- Overview of UiPath certification programs
- Exam preparation and best practices

8. REAL WORLD PROJECTS

- Building end-to-end automation solutions
- Case studies and project examples

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Thank You