RPA Boot Camp / Hands-On Robotic Process Automation (RPA) (TTAI4000)

Category: AI, Data & Analytics | **Vendor:** Trivera Tech

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

The RPA Boot Camp®is a three-day, hands-on course that dives deep into RPA's core concepts, techniques, and the use of UiPath. By actively participating in engaging lectures, hands-on labs, and group discussions, you'll gain a robust understanding of Robotic Process Automation, Recording and Play, Sequencing, Flowcharting, and Control Flow, Data Manipulation, Managing Controls, Utilizing Plugins and Extensions, Handling User Events and Assistant Bots, Exception Handling, Debugging, and Logging, and finally, Code Management and Bot Deployment.

About This Course

Robotic Process Automation (RPA) is a revolutionary technology that enables businesses to automate routine, repetitive tasks, freeing human resources to focus on more creative, value-added functions. By learning and implementing RPA in your organization, you can increase efficiency, reduce errors, and maximize productivity. The course primarily utilizes UiPath, an industry-leading RPA tool, with its powerful capabilities to create and manage bots, helping you spearhead transformative projects in your organization.

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Guided by our expert instructor, you'll gain hands-on experience learning how to automate business processes using UiPath, and how to apply this directly to your role in improving organizational efficiency. You'll also learn how to manage and manipulate data effectively, and become adept at handling exceptions, debugging, and logging, which are key competencies for any developer to maintain and enhance the robustness and reliability of automated workflows. The labs also provide opportunities to manipulate data, manage controls, and explore different plugins and extensions.

By the end of the course, you'll have a comprehensive understanding of Robotic Process Automation and its implementation using UiPath, and have the confidence to apply these skills on the job. You'll be equipped with the knowledge and practical skills to automate business processes, manage data effectively, handle exceptions, debug and log activities, manage and maintain code, and deploy bots.

Who Should Attend

The ideal audience for the RPA and UiPath Boot Camp is beginners in the field of RPA and individuals in roles such as developers, project managers, operation analysts, and tech enthusiasts looking to familiarize themselves with automation technologies. It's also perfectly suited for business professionals keen on understanding and implementing automated solutions within their organizations to optimize processes.

Prerequisites & Entry Requirements

General Prerequisites:

Basic to Intermediate IT Skills. Attendees without a programming background like Python may view labs as follow along exercises or team with others to complete them.

Good foundational mathematics or logic skills

Basic Linux skills, including familiarity with command-line options such as ls, cd, cp, and su

Learning Outcomes

Upon successful completion of this course, participants will be able to:

This ®"skills-centric® course is about 50% hands-on lab and 50% lecture, with extensive practical exercises designed to reinforce fundamental skills, concepts and best practices taught throughout the course. Working in a hands-on learning environment, led by our Automation Learning expert instructor, students will explore:

-Gain a thorough understanding of Robotic Process Automation (RPA) and its applications using UiPath, setting a solid foundation for future learning and application.

-Learn to record and play in UiPath Studio, a key skill that enables automating complex tasks in a user-friendly environment.

-Master the art of designing and controlling workflows using Sequencing, Flowcharting, and Control Flow, helping to streamline and manage automation processes effectively.

-Acquire practical skills in data manipulation, from variable management to CSV/Excel and data table conversions, empowering you to handle data-rich tasks with confidence.

-Develop competence in managing controls and exploring various plugins and extensions, providing a broader toolkit for handling diverse automation projects.

-Get hands-on experience with exception handling, debugging, logging, code management, and bot deployment, fundamental skills that ensure your automated processes are reliable and efficient.

-How to deploy and control Bots with UiPath Orchestrator

Detailed Course Outline

What is Robotic Process Automation

Act on controls €œ mouse and keyboard activities

Working with UiExplorer

Handling events

Revisit recorder

Screen Scraping

When to use OCR

Types of OCR available

How to use OCR

Avoiding typical failure points

2. Tame that Application with Plugins and Extensions

Terminal plugin

SAP automation

Java plugin

Citrix automation

Mail plugin

PDF plugin

Web integration

Excel and Word plugins

Credential management

Extensions €œ Java, Chrome, Firefox, and Silverlight

3. Handling User Events and Assistant Bots

What are assistant bots

Monitoring system event triggers

Monitoring image and element triggers

Launching an assistant bot on a keyboard event

4. Exception Handling, Debugging, and Logging

Exception handling

Common exceptions and ways to handle them

Logging and taking screenshots

Debugging techniques

Collecting crash dumps

Error reporting

5. Managing and Maintaining the Code

Project organization

Nesting workflows

Reusability of workflows

Commenting techniques

State Machine

When to use Flowcharts, State Machines, or Sequences

Using config files and examples of a config file

Integrating a TFS server

6. Deploying and Maintaining the Bot

Publishing using publish utility

Overview of Orchestration Server

Using Orchestration Server to control bots

Using Orchestration Server to deploy bots

License management

Publishing and managing updates

Additional Course Details

Nexus Humans RPA Boot Camp / Hands-On Robotic Process Automation (RPA) (TTAI4000) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the RPA Boot Camp / Hands-On Robotic Process Automation (RPA) (TTAI4000) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for RPA Boot Camp / Hands-On Robotic Process Automation (RPA) (TTAI4000)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 3-day RPA Boot Camp / Hands-On Robotic Process Automation (RPA) (TTAI4000) course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the RPA Boot Camp / Hands-On Robotic Process Automation (RPA) (TTAI4000) training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for RPA Boot Camp / Hands-On Robotic Process Automation (RPA) (TTAI4000)?

Yes, we provide corporate training, dedicated training, and closed classes for RPA Boot Camp / Hands-On Robotic Process Automation (RPA) (TTAI4000). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: AI; Machine Learing; UIPath; RPA; Robotics

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Q: Why choose Nexus Human for RPA Boot Camp / Hands-On Robotic Process Automation (RPA) (TTAI4000)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your RPA Boot Camp / Hands-On Robotic Process Automation (RPA) (TTAI4000) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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