Enterprise Computing Solutions - Education Services

TRAINING OFFERING

You can reach us at:

Arrow ECS, Nidderdale House, Beckwith Knowle, Harrogate, HG3 1SA

Email: educationteam.ecs.uk@arrow.com
Phone: 0870 251 1000

Automating Tasks with IBM Robotic Process Automation 20.12.5

CODE:	LENGTH:	PRICE:
WB504G	40 Hours (5 days)	£3,250.00

Description

This course introduces developers to IBM Robotic Process Automation 20.12.5. You learn the skills that are needed to implement task automation by developing bots. Through hands-on exercises, you become familiar with IBM RPA environment, including RPA Studio and RPA Portal. You become comfortable with flow control, conditional logic, text processing, mathematical calculation, and file management commands. You learn how to automate browser interaction, capture and process information from spreadsheets, and process email. You publish your bots to the server and learn how to manage bot execution through scheduling, launchers, API calls, and orchestration processes. You are also introduced to BPMN workflows and chatbot development.
For information about other related courses, see the IBM Training website:**ibm.com**/training

Objectives

- Describe the benefits of implementing robotic process automation
- Author and test bots in RPA Studio
- Implement web automation
- Use bots to read, respond to, and manage emails
- Implement error handling
- Publish scripts for production and configure target servers in RPA Portal
- Implement unattended bot execution through scheduling and orchestration workflow processes
- Set up launchers in RPA Portal to support attended bot executionUse the RPA Studio record and computer vision to capture interaction with stand-alone applications
- Use document scraping and OCR to extract data from PDF and image files
- Outline how to use workflows
- Explain how to develop digital assistants
- Implement machine learning to classify texts
- Incorporate business rules in scripts
- Implement version control, script modularity and reuse

Audience

Developers

Prerequisites

- Knowledge of data structures
- Basic knowledge of SQL syntax
- Basic knowledge of web services

Programme

- Course introduction
- Unit 1. Introducing IBM Robotic Process Automation
- Exercise 1. Creating a simple bot
- Unit 2. Getting started with RPA Studio

- Exercise 2. Automating file management
- Unit 3. Implementing web automation
- Exercise 3. Implementing web automation
- Unit 4. Handling errors
- Exercise 4. Handling errors
- Unit 5. Working with email
- Exercise 5. Working with email
- Unit 6. Working with published scripts
- Exercise 6. Publishing and running scripts
- Unit 7. Orchestrating bots
- Exercise 7. Orchestrating bots
- Unit 8. Creating workflows
- Unit 9. Working with RPA Studio recorder and computer vision
- Exercise 8. Working with the RPA Studio recorder and computer vision
- Unit 10. Document scraping
- Exercise 9. Creating a document scraping bot
- Unit 11. Extracting data with OCR
- Exercise 10. Automating OCR data extraction from image files
- Unit 12. Working with chatbots
- Unit 13. Machine learning and text classification
- Exercise 11. Working with text classification
- Unit 14. Working with business rules
- Exercise 12. Working with business rules
- Unit 15. Reusing and administering bots
- Exercise 13. Reusing and administering bots
- Course summary

Session Dates

On request. Please Contact Us

Additional Information

This training is also available as onsite training. Please contact us to find out more.