Course code: RPA_UIP_ADV

The course deals with process automation in UiPath for advanced. Process automation using robots has been an increasing hit in recent years, and many companies are already fully aware of the potential of this technology and are creating their own teams of experts. There are several dominant RPA tools on the market and this training is focused on one of them - UiPath. In three days, each participant will be able to get acquainted with UiPath from the perspective of the developer of the "controller" responsible for the operation. The training is focused on more advanced principles and possibilities of robot development (UiPath Studio) as well as subsequent operation and management of robots (UiPath Orchestrator), including innovations in terms of the cloud solution that UiPath now offers. In other words, UiPath from A to Z.

Code:

RPA_UIP_ADV

Name:

RPA - UiPath II

Length:

4

Anotation:

- The course deals with process automation in UiPath for advanced. Process automation using robots has been an increasing hit in recent years, and many companies are already fully aware of the potential of this technology and are creating their own teams of experts. There are several dominant RPA tools on the market and this training is focused on one of them - UiPath. In three days, each participant will be able to get acquainted with UiPath from the perspective of the developer of the "controller" responsible for the operation. The training is focused on more advanced principles and possibilities of robot development (UiPath Studio) as well as subsequent operation and management of robots (UiPath Orchestrator), including innovations in terms of the cloud solution that UiPath now offers. In other words, UiPath from A to Z.

Who the course is for:

- For anyone who wants to automate processes through the RPA tool UiPath and is interested in the subsequent operation of robots.

Required skills:

- Basic knowledge of principles of process automation and UiPath tool at the RPA_UIP_INTRO course level

Teaching methods:

- Professional explanation with practical samples and examples.

Teaching materials:

- Powerpoint handouts and module printouts.

Course syllabus:

Day 1 - preparation of the UiPath platform

- UiPath - Information on the instrument, distribution, parts, licensing policy and methodology
- General tips on preparing, mapping and creating PDD and SDD documentation
- Download and install the trial version of UiPath
- Introduction to UiPath Studio - what the application consists of, where to find and basic settings
- Activities and display types (sequence, flowchart, state machine, etc.)
- Basic design of robot workflow and how to construct it
- Recorder

- Development - best practice

Day 2 - Robot architecture in UiPath
- Architecture and ways of development
- Sequence and logic of development (level 1, level 2, level 3,...)
- Logging and audit trail
- UiExplorer
- Variable and argument management
- Development of components and their integration into the whole workflow
- Error handling and exception handling

Day 3 - UiPath development
- Cycles, conditions, decision
- Timeout, delay and their setting in workflow
- Work with objects
- Component testing and argument definition
- Debugging and debugging
- Inputs and outputs
- Work with emails and PDF files
- Work with spreadsheets and Excel (or MS Office respectively)

Day 4 - Orchestrator and UiPath in the cloud
- A more detailed introduction - what is Orchestrator and where to find it
- Generally about UiPath architecture and how Orchestrator fits in
- UiPath in the cloud
- Settings - connect robots
- Process recording
- Processing queue
- Timing
- Variables in Orchestrator
- Joint analysis of proposed components (according to best practice) for faster development and templates for

PDD, SDD and their handover to students
- Tips and tricks at the end - how to develop further and what to focus on

Course outputs (each participant will receive):
- Sample documentation created according to "best practice" (PDD + SDD)
- Links to individual RPA tools and related community sites
- Material with general information on the structure of RPA tools and a list of tips on how to develop independently in this area
- Several sample workflows and components for use in UiPath
- Individual robot levels - level 1, level 2, level 3
- Several prepared components for real use in own processes

Course continuity:
- This course is preceded by the course [RPA_INTRO] and course [RPA_UIP_INTRO] and indirectly Follows the course [RPA_UIP_FRA]