**What is RPA? And its advantages in Software Industry**

Robot Process Automation (RPA) using UIPATH

What is Robot Process Automation (RPA)?

* The process of automating day to day business operations with the help of robots to reduce human intervention is said to be Robot Process Automation (RPA).

What types of Work RPA can do?

* Extract Content from any documents like PDF’s, word, Notepad, Excel or Email clients.
* Move files and folders in Operating System
* Can retrieve data from Web browsers with the Artificial Intelligence capabilities.
* Automate any desktop applications like SAP, Mainframes, Word etc.
* Automate any web applications
* Read and Write Databases

RPA robots can capture and manipulate any applications just like humans do.

RPA in Layman Terms

* Just like physical robots have been rapidly replacing industrial workers, software RPA robots will be replacing a high percentage of white-collar workers, sooner than you think.

How these Robots are created?

* There are RPA tools in the market which can design the virtual robots according to process requirements.

Where is RPA used in Business?

* Financial services
* Health Care
* Accounting
* Customer Service
* Human Resources
* Supply Chain Management

Popular RPA tools available in the market

* Uipath
* Blue Prism
* Automation anywhere

Why Uipath is the best among all other RPA Tools?

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| --- | --- | --- | --- |
| **Features** | **Uipath** | **Blue Prism** | **Automation anywhere** |
| How will I practice? | Has a community Edition/Free Edition Available | No trial version available, have to purchase this tool to learn | Trial version available, but expires after 30 days |
| Learning Curve | Has a user friendly visual designer, hence easy to learn and implement | Has a visual designer, easier than Automation Anywhere | Developer Friendly – Requires Higher programming skills |
| Google Trends Popularity | Most popular tool | More Popular than Automation Anywhere | Least popular of the three |

Link: <https://www.besanttechnologies.com/rpa-vs-selenium>

**Instructions in Installing UIPATH Community Edition**

* Download uipath and install the community edition
* Link: <https://www.uipath.com/>