RPA

ROBOTIC PROCESS AUTOMATION

**Why RPA?**

* Credit card fraud detection
* Data entry employee

“It will have an economic impact of $5-7 trillion by the year 2025”.

“it will touch more than230 million knowledge workers, nine percent of the global work force”

**Advantages of RPA**

* Save cost
* More accurate in lesser time
* Easy to implement and learn

**What is RPA?**

**R**obotic **P**rocess **A**utomation

**Robotic:** It is the program mimic by human action.

**Process:** A sequence of steps, that leads to meaningful activity.

**Automation:** A task happens automatically, ie without human intervention.

**RPA tools**

In RPA they are mainly using 3 tools

* Ui path
* Blueprism
* Automation Anywhere

**RPA Life Cycle**

In RPA life cycle there mainly 5 stages

* **Discovery phase :** In this stage the client requirements are analysis by the condition. The requirements for use case are (**16 GB Ram, sample dataset, RPA tools, output excel sheet**) It is the interaction phase by the client.
* **Solution phase:** it create and design the process definition document and it contains about each process step by step(**decide budget, no:of people working Time to be spent on task**).
* **Development phase:** In this phase doing the automation is developed.
* **UAT phase:** it is the testing phase. testing is done by the process owner in pre-production environment.
* **Deployment phase:** The bot is developed into the production environment.
* **Execute bots:** Execute the bot to automate the task and see the output.