ROBOTIC PROCESS AUTOMATION

WHAT IS IT?

- an application of technology, governed by business logic and structured inputs, aimed at automating business processes
- Enables companies to configure software, or a “robot,” to capture and interpret applications for processing a transaction, manipulating data, triggering responses and communicating with other digital systems
- RPA scenarios can be as simple as generating an automatic response to an email to deploying thousands of bots, each programmed to automate jobs in an enterprise resource planning(ERP) system

KEY BENEFITS OF RPA

- Accelerates digital transformation
- Allows major cost savings
- Quicker ability to match workload peaks and respond to big demand spikes
- Higher accuracy
- Improved compliance
- Better productivity
- More value from personnel
- Happier employees

KEY PITFALLS OF RPA

- Limited compatibility to numerous enterprises
- Significant potential to eliminate jobs
- Newer bots are at significantly higher risk of failure
- Complex and costly process to install

IBM'S RPA SOLUTIONS

- business process automation technology that uses attended/unattended software bots to automate repetitive, tedious, and time-consuming back-end office tasks allowing business to focus on high-value tasks
- makes it easy to create bots either through recorder technology, which watches you complete a task and copies the steps to a bot, or by using an application programming interface(API)
- also has an intuitive Designer interface where business can drag commands into their script and run error checks before publishing the bot
- Has hyper automation which allows business to combine advanced technologies such as machine learning, AI, and process mining with RPA to identify and automate significant processes, and improve existing automation

REFERENCES

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