

Automation Talks:

Glossary 102



Software vocabulary is dense. This forum brings systems, people and automation together to improve understanding.

NLP- Natural Language Processing:

An extension of AI that improves the interaction between computers and humans, like it is to decipher, read and understand human languages in a way that is valuable.

OCR- Optical Character Recognition:

Can be considered an extension of AI that recognizes printed text, handwritten text and pictograms converting these images or characters into digital text a computer or human can manipulate.

Parsing:

Refers to a task or process automatically happening that involves looking for and extracting information from inbound text. Such as document parsing and email parsing.

Robot:

A physical assembly of machines or equipment automated to perform various tasks normally handled by humans.

RPA- Robotic Process Automation:

Is combining the use of software, AI and ML capabilities to hand-off high volume, repeatable tasks of age-old business processes to robots and machines describing further what automation does.

Rule Based System:

A set of "if-then" statements and human made rules used in software to provide an answer to a problem in place of a human expert to produce any desired action.

Software Robots:

Often referred to as "bots", they are an extension of RPA, designed to automate a task without a physical presence, residing behind our screens.

Trigger:

Is a business operation that kicks off an automated workflow, with the initial event starting subsequent steps of a process (Example events: new email in inbox, change in record or online form submitted by customer)

Workflows:

Are a series of tasks within a process of any given job from start to completion. Incorporating a map with the series of actions monitoring each step of the sequence which involve humans, bots, both or another process to complete a task.