TWO BOTS:
1) Analysis On User Reviews Of Product From E-COMMERCE Website Using **RPA**
2) Admission Cell Bot **RPA**

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Analysis On User Reviews Of Product From E-COMMERCE Website Using **RPA**

INTRODUCTION

➢ Robotic process automation (or RPA) is a form of business process automation technology based on metaphorical software robots .

➢ In existing model we first need to write a machine learning/ deep learning model, collect a huge number of sentences in order to create a dataset, train the model using the gathered data, and perform validation .

➢ Our objective is to perform analysis on the user reviews of a product from an e-commerce website using the concept of automation, and store it in an excel file, in order to access it easily.

➢ We utilize automation tools such as UiPath Studio and UiPath AI Center.

➢ We intend to lesser the influence of human factor to technological process, improved analysis and increase prediction and analysis speed and quality.

DESCRIPTION

➢ We create a model which provides analysis on the user reviews.

➢ It uses UiPath Studio to create the automation tool.

➢ We use the Language analysis from the ML packages in UiPath AI Center.

➢ We use the packages uipath.MLServices.Activities and uipath.WebAPI.Activities

➢ AI Center allows you to deploy, manage, and continuously improve Machine Learning models and consume them within RPA workflows in Studio.

Analysis On User Reviews Of Product From E-COMMERCE Website Using **RPA**

Description of the target users. Which target groups do you address/want to reach? How do they behave, and what are their needs and "pain points"?

❖ The target users are the end users in e-commerce website

❖ The users can get better prediction about the review of the product before buying.

❖ Most reviews are fake and misleading while buying a product

❖ By using the analysis we can provide the sentiment of the review whether it is positive or negative or neutral

What kind of technologies are you using for the core of your project?

- UI Automation
- Browser Automation
- Excel Automation

What would be the benefits of the solved problem to your individual or organization?

➢ The person can get better suggestion about the product they are browsing .

➢ The can get accurate predictions and the results can be stored in excel

Admission Cell Bot

INTRODUCTION

➢ To develop a BOT which can remove redundancy of admitted students.

➢ Remove redundancy from given files and append the total admitted and applied students.

➢ Provide the details in specific admitted and applied output files respectively.

➢ The aim of the BOT is also to remove a given mobile number from each given file.

➢ It can remove the unwanted values as per the user's request.

DESCRIPTION

➢ The BOT will take input of different files namely Admitted, Application and Output Applied Data Files.

➢ It will remove redundancy of data from Application using mobile number and application number as primary keys.

➢ It will remove redundancy of data from Data Files Based on Application Data File using application number as primary keys.

➢ It will take input of a mobile number from admin and is capable of removing all of its occurrences from all 7 files in case the mobile number has stopped working and is uncontactable.

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Description of the target users. Which target groups do you address/want to reach? How do they behave, and what are their needs and "pain points"?

❖ The target user's are the management officers

❖ When large number of people have registered , this BOT can be used to traverse to access data of different applicants.

❖ The BOT can be used to filter out unwanted data as well and provide the required data in an excel file

❖ Unknown values and unwanted values can be removed at the same instant.

What kind of technologies are you using for the core of your project?

• UI Automation
• Browser Automation
• Excel Automation

What would be the benefits of the solved problem to your individual or organization?

➢ Time consumption for each process can be reduced

➢ The redundancy in data can be reduced

➢ Unknown values can be accessed by using other keys