USE-CASE

User Review NLP Analysis

Problem Statement

User needs to visit every site and read all the review comments one by one and based on the review he makes the decision before purchasing any product.

Detail Statement

As an individual, who wants to check the review of any particular product before purchasing. He needs to visit every site and read all the review comments one by one and based on the review he makes the decision. This process is a time consuming and also user has to manually analyze all the review.

RPA Solution

- RPA UiPath solution will provide a GUI report of review comments for a particular product from all different web site. This report will be in the form of Graphical representation which will help user to take decision without investing his time in visiting each site and read each and every comments, this will make end user life easy.
- Also this solution will help product companies to get user reviews of their product for analysis purpose which will help them to save money and will help them to utilize their resource for some other priority works. This solution can reduce processing time per item by 30-40 percent.

Approach

- Will create an unattended bot which will be triggered once user request via email.
- It will extract product name from requested email.
- Collect reviews & user ratings from ecommerce web applications.
- Apply 'Sentiment Analysis' in each review using 'Microsoft Text Analysis' APIs.
- Generate GUI report on the basis of sentiment analysis result.
- Reply to user with generated report file through email.

Business Benefits

- It will save time of user/business resources for collecting data from different web applications.
- Reduce processing time per item by 30-40 percent.
- Productivity will increase.