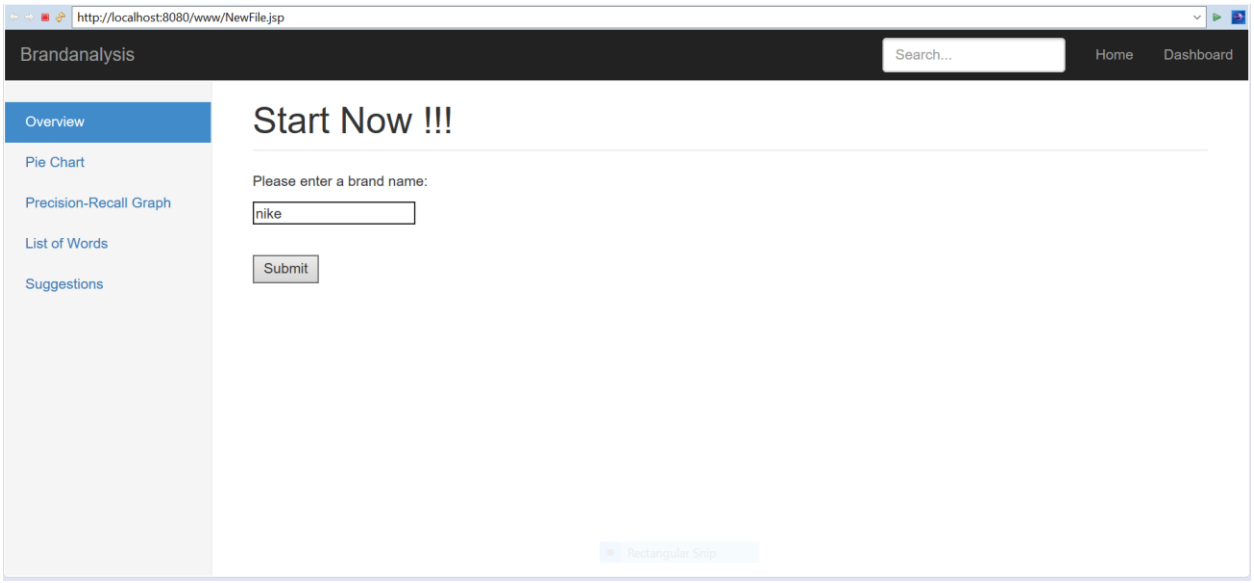
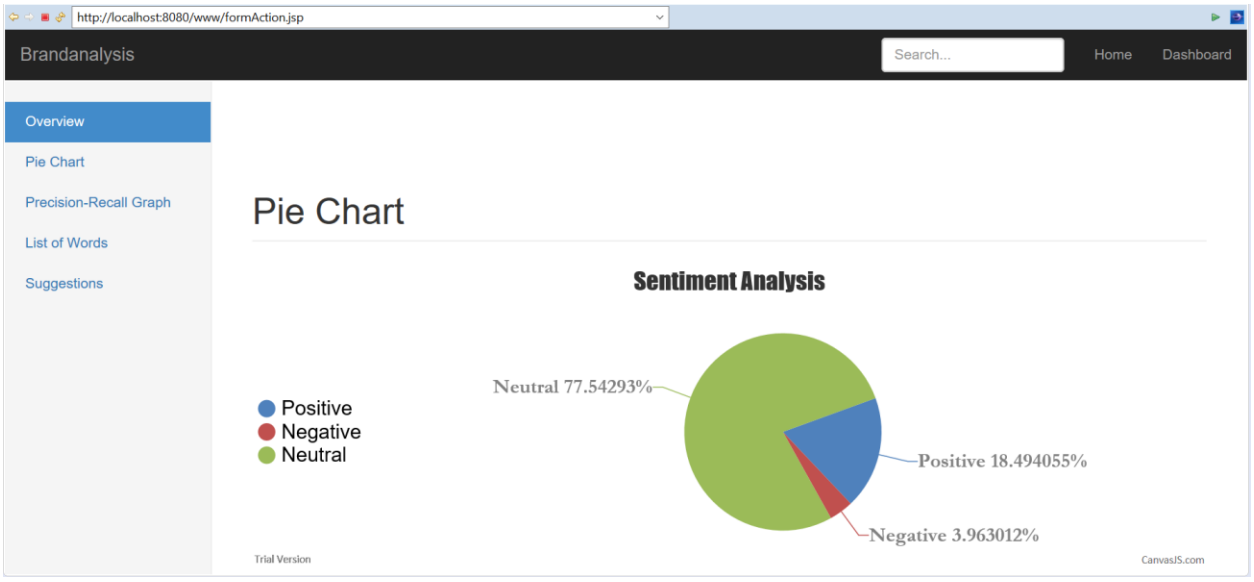
These are snapshots of project 2 mentioned in Data Science/AI research projects in the resume.

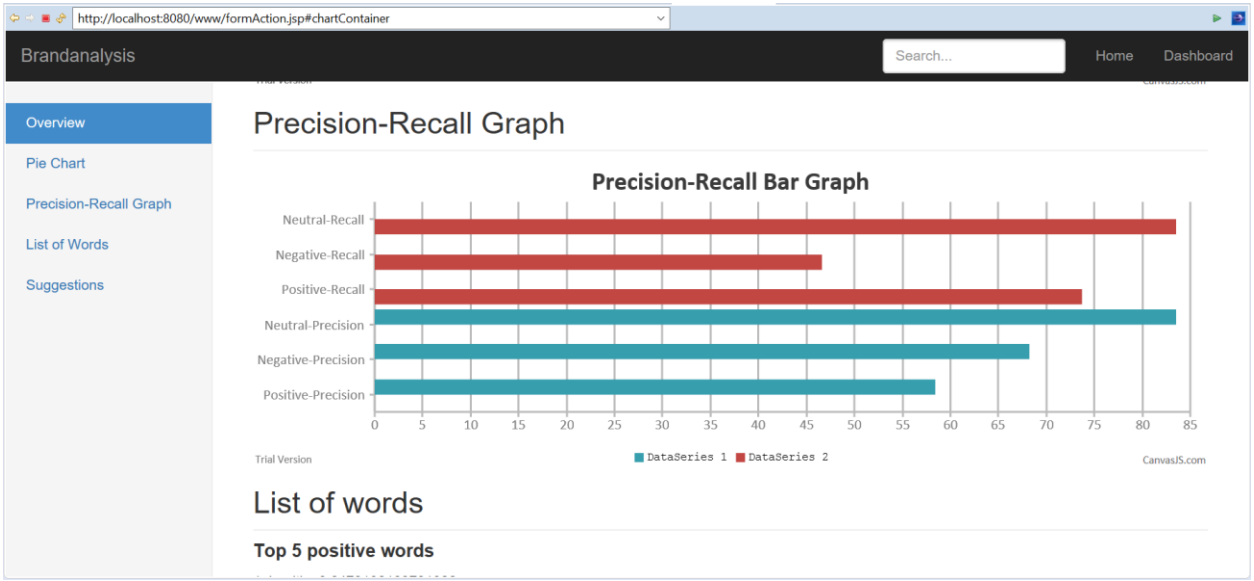
Following are the snap shots of the real time tweets and Facebook posts analyzer software. This software is now pending a patent examination. (Indian patent application number 201721004567)
The software fetches 1000 latest tweets and Facebook posts about any brand or entity searched for and analyses them to know about the sentiments people expressed in those tweets/posts about that brand/entity
The software is designed in terms of a website and awaits going live.



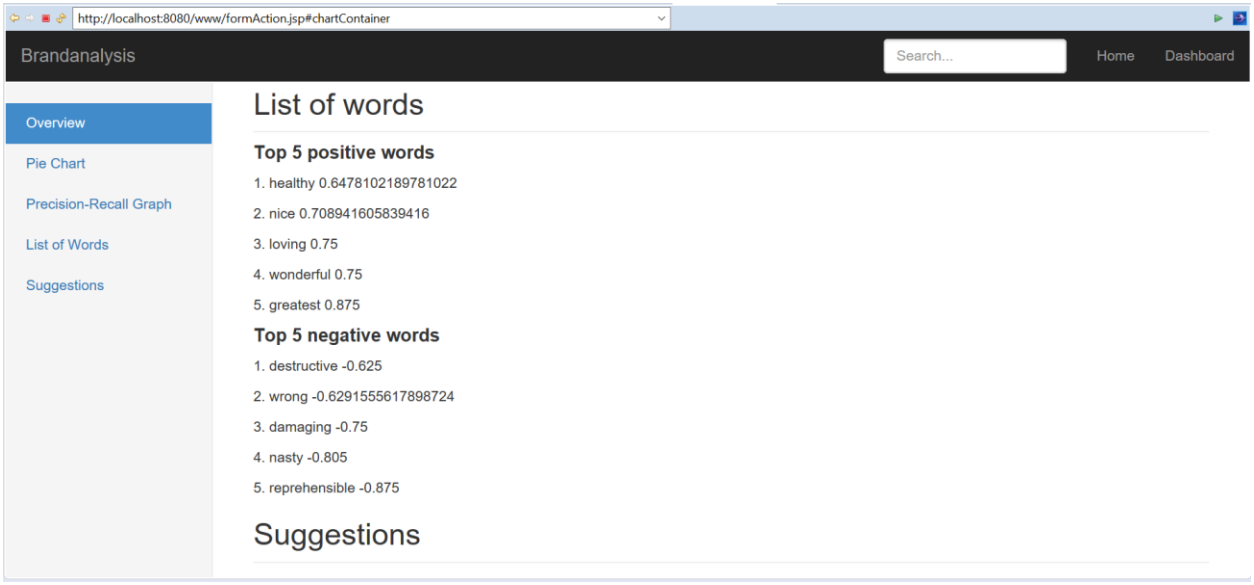
The above snap is the homepage of the website. It has a text box where the user has to enter the name of a brand/entity that the user wants to know the live opinion from the people about.



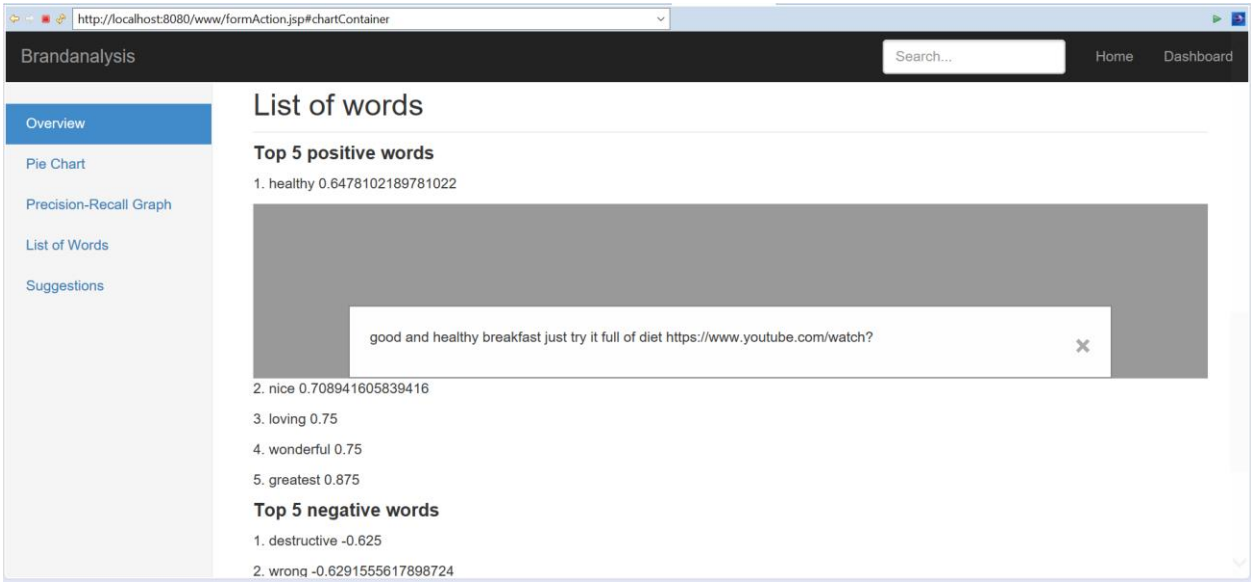
This snap shows the pie chart that is generated explaining the percentage of different sentiments expressed in the tweets and the Facebook posts. This is the top portion of the results page. The results page is generated in 20-30 seconds after ENTER button is pressed after filling in the entity for which tweets are to be searched for.



This is the part where a bar graph is generated which tells the performance of the neural network that has done the sentiment analysis. The bar graph generated represents the precision and recall values of the neural network as the sentiment analyzer. This graph represents the performance metric of the neural network.



The above snap shows the list of top 5 positive and top 5 negative words that were found by the neural network in the tweets and Facebook posts that were retrieved. Following them are the scores associated with each word. Positive score indicates a positive sentiment. Negative score indicates a negative sentiment.



The above snapshot shows the popup box that appears when we click on one of the words in the list. The box shows the tweet/post in which the word had appeared. The box had character length limit hence may not always show the complete tweet/post.

Snapshots 2-5 are all on the same results page.

Internally, a neural network processes the tweets and the Facebook posts.