

Sentimental Analysis For Certain Hastag

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ABSTRACT

Let's understand what the sentiment is? It is an attitude or opinion that is often caused or influenced by emotion. Sentiment analysis, also referred to as opinion mining, is an approach to natural language processing (NLP) that identifies the emotional tone behind a body of text. We have created an analyzer which can take a few tweets which belong to a particular hashtag and try to analyze how much percentage of positivity, negativity and neutrality is there in those selected tweets.

INTRODUCTION

In today's society, the use of social media has become a necessary daily activity. Social media is typically used for social interaction and access to news and information, and decision making.

It is a valuable communication tool with others locally and worldwide, as well as to share, create, and spread information.

But sometimes people take it in the wrong way and spread hatefulness or we say anger on some specific group or on a single person. Due to it we as a team develop a small project which can be used by anybody to help them to find out a sentiment for a specific comment on twitter.

Here we specifically take the twitter app only because Twitter is a network with unique capabilities that, unlike other social media platforms, allows both consumers and brands to let loose, build relationships, and optimize engagement.

RESULTS & DISCUSSION

Firstly taking the user input for the hashtag (#) & total number of records via html form.

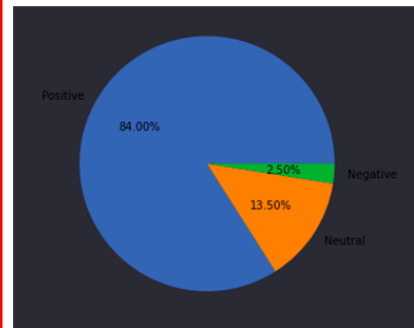
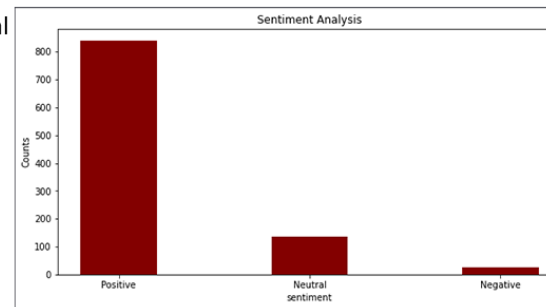
Sentiment Analyzer

Hashtag Value
#competition
Limit of Records
2
Submit

#competition			
2			
	Tweets	Timestamp	Cleaned/Preprocessed Tweet/polarity/subjectivity/sentiment
0	Enter the giveaway to win a \$50 Amazon giftcard on All the Ups and Downs' blog! #Sweepstakes #competition... https://t.co/7Wmupd10F	2022-04-11 16:46:02+00:00	Enter \$50 All Ups Downs' blog! ... https://t.co/7Wmupd10F 0.0000 0.00 Neutral
1	RT @pandora: Guess the #Crypto and win \$25! #viralW11	2022-04-11 16:45:54+00:00	Guess win \$25! money-mouth, face: We'll select 10 correct answer randomly award \$25 account Rules: backend_index_pointing_down: keycap_1 Only... 0.1875 0.45 Positive
<div>Show Posts</div>			

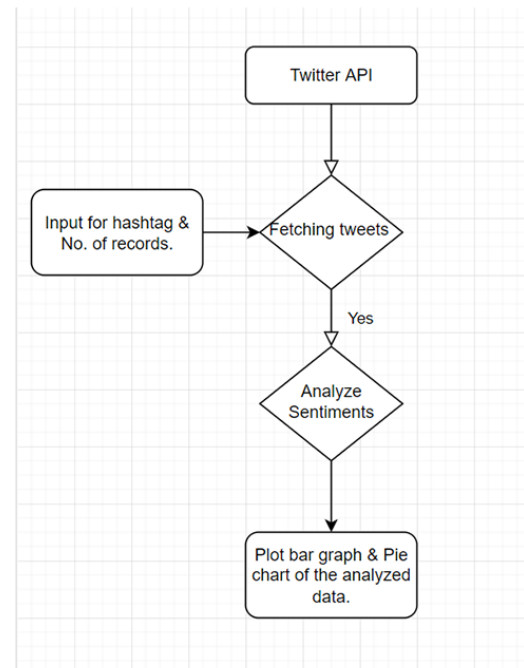
Returning the whole dataframe containing the cleaned & preprocessed tweets, with sentiment calculated of each tweet.

Plotting the bar graph showing the total counts on Positive, Neutral & Negative sentiment.



Plotting the bar graph showing the total counts on Positive, Neutral & Negative sentiment.

METHODS & APPROACH



CONCLUSION

Sentiment analysis or opinion mining is a field of study that analyzes people's sentiments or emotions towards certain entities.

This gives an idea about a fundamental problem of sentiment analysis, sentiment polarity categorization.

Similar to this project analysis on various section of many other platforms could be done.

It is very helpful for a creator to get a rough guessing of audience opinions with respect to the sentiments.

REFERENCES

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- <https://buildmedia.readthedocs.org/media/pdf/textblob/latest/textblob.pdf>
- https://planspace.org/20150607-textblob_sentiment/