REVIEW ANALYSER WITH BOT

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ABSTRACT : *In this paper, we propose to develop is to develop a system which collects tweets from the twitter website and determine whether the tweets are positive, negative or neutral and it will also suggest us to post the best tweet. In the widespread market of existing software available there were no feature available that can help us to predict that what will be the impact of the tweet.*

General Terms: Tweets, Tweets Analysis, Guidance.

Keywords: Application Programming Interface(API), Tweets Analysis, BOT.

INTRODUCTION:

Today social network is so vast that it has become a very important platform for communication on web. Social network it getting popular day by day. Everyone has its own emotion its own feelings and feeling and emotion changes person by person, so it is necessary to take care of everybody's feelings. Social network can range from something as simple as some products, events and services to more complex issues that deal with economic issues, problems, interests, culture, politics, religions, diseases, etc. This technique provides feedback to sense user sentiments for purchasing behavior, identification of social groups and understanding the hidden trends in network evolution. This paper focuses on products popularity, sentimental analysis and helps to find out what will be the best result for your feelings so that it will not affect others.

The aim of this review paper is to develop a system which collects tweets from the twitter website and determine whether the tweets are positive, negative or neutral and it will also suggest us to post the best tweet.

Analyzing the Tweets: On any topic using the public statements of the users from twitter social media sources we analyzing the tweets which may be related to any product, person, events etc.

Bot will suggest us the best tweets: First, we will get positive, negative, neutral tweets and then bot will give us, what would be the effect of that tweet which we are going to tweet on twitter.

Decision making: From all gathered information related to tweets and reviews will be used for decision making using Python Inbuilt Libraries.

PROBLEM STATEMENT:

Sometimes we don't even think before posting the tweets. Hence in the result we hurt many peoples according to their opinions. Hence the bot idea will suggest us the tweet effect on the others' lives.

As well as it will also help to buy some product from online social site and we don't know anything about it but with the help of this software we will be able to collect the information of the product just by seeing the reviews of the product. The reviews of another person will help us to know better about the product.

Significance of Problem in Real World & Applications

Purpose is to analyze the trends related to the any event, product or a person which helps to bring out or makes decision on the real world issues and can also be used for predicting the success or failure of any product.

OBJECTIVE

The aim of this review paper is to develop a system which collects tweets of the particular site and determine whether the tweets are positive, negative or neutral and it will also suggest us to post the best tweet.

BACKGROUND AND RELATED WORK

[1] Rana, S.M. Raschel

This research analyzes the twitter data for finding the popularity of the product or person and this research also focus on the sentiment analysis. This research has capability of process the tweet data on the basis of location.

[2] M.Vedanayaki

This research focus on the data mining and network analysis of the social media data. This research shows the data in the form of graphs and graph mining technique.

[3] Mariam Adedoyin-Olowe, Mohamed Medhat Gaber and Frederic Stahl

This research is a survey of data mining technique for social network analysis. Finding the use of social network in the last decade and the increase in the social network usage this research also gives the different techniques for the analysis

of the social network which includes the following terms as data preprocessing and data analysis and data interpretation

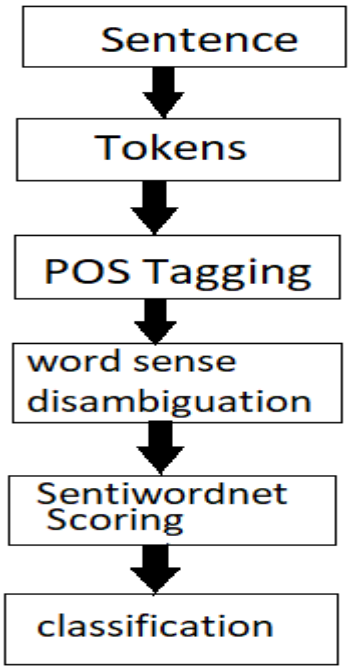
[4] Bogdan Batrinca, Philip C. Treleaven

This research provides a methodology and a critique of social media tools. Analyzing social media, in particular Twitter feeds for sentiment analysis, has become a major research and business activity due to the availability of web-based application programming interfaces (APIs) provided by Twitter, Facebook and News services.

[5] Yafeng Lu, Robert Kr¨uger, Dennis Thom, Feng Wang, Steffen Koch, Thomas Ertl, Ross Maciejewski

Research on social media has intensified in the past few years as it is seen as a means of garnering insight into human behaviors. The unstructured nature of social media data also provides unique challenges and opportunities for researchers across a variety of disciplines. Businesses are tapping into social media as a rich source of information for product design, relations management and marketing.

SYSTEM FLOW



METHODOLOGY TO BE USED

The whole development of idea takes place in the following steps-

Analyzing the Tweets: On any topic using the public statements of the users from twitter social media sources we analyzing the tweets which may be related to any product, person, events etc. for example GST was the very popular move done by the P.M. of the INDIA but the opinions of the persons were varying from person to person so by the help of this idea we can predict the result means we can predict how many peoples which are thinking positive about GST, and Negative and Newtral.

Bot will suggest us the best tweet: First, we will get positive, negative, neutral tweets and then bot will give us, what would be the effect of that tweet which we are going to tweet on twitter.

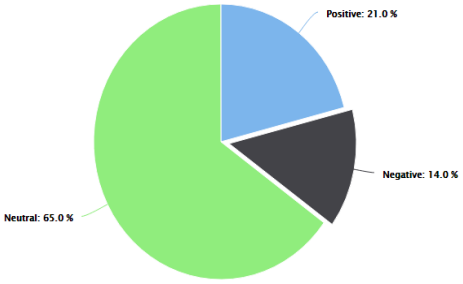
Decision making: From all gathered information related to tweets and reviews will be used for decision making using Python Inbuilt Libraries.

CHALLENGES AND LIMITATIONS

- It is difficult to write accurate algorithms for analyzing the tweets because different persons use different languages.
- So, the result may be incorrect or not 100% correct.
- It's costly to buy API of different applications.
- Some companies don't provide their API due to security reasons therefore cannot be implemented everywhere.

EXPECTED RESULT

- **Business:** In marketing field companies use it to develop their strategies, to understand customers feelings towards products or brand, how people respond to their campaigns or product launches and why consumers don't buy some products.
- **Politics:** In political field, it is used to keep track of political views, to detect consistency and inconsistency between statements and actions at the government level. It can be used to predict election results as well.
- **Public Actions:** It can also use to what peoples think about any particular topic and what can the government do or find the solutions to that particular problem.



CONCLUSION

Our aim is to help people so they don't get suffer or get cheated by anyone else. Our main motive is let them the people know what they are doing(posting) over internet what that have actual effects on others life. We want that people know impact of their post over internet and let them help to understand things better

This will also help to the government what are the challenges and problems peoples are facing.

FUTURE WORK

Currently the scope would be of this idea is limited to use Twitter as a data source. In future this research aims to develop a framework and integrate all the popular social networking sites like Google+, Facebook and others. In this way the system can process more complex situations and generate a realistic output for different business aspects.

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[4] BOGDAN BATRINCA et al2011, Social media analytics: a survey of techniques, tools and platforms

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