**Sentiment Analysis of tweets over Twitter using Python**

**Stage 1: -**

The project deals with sentimental analysis over the required hashtags or queries like “#StatueOfUnity” or “NarendraModi” or any other query and give a total sentiment score which reflects that at current instant what percentage of tweets are in positive favor or in negative favor or in neutral favor for the corresponding query.

**Stage 2: -**

We can also show the tweets on which the sentiment analysis has taken place.

**Stage 3: -**

We can have an interactive user interface to show our results.

**Q. What is the reason for selecting this project?**

Ans: - All three of us have great enthusiasm to work on a Machine Learning project. This project will help us a lot in gaining good knowledge about machine learning and various Python libraries which are widely used in the IT sector companies.

**Q. What is the use of this application?**

Ans: - Monitoring social media helps us in following ways: -

* **Business:**In marketing field companies use it to develop their strategies, to understand customer’s 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 view, 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:**Sentiment analysis also is used to monitor and analyze social phenomena, for the spotting of potentially dangerous situations and determining the general mood of the blogosphere.

**Q. What is sentiment analysis?**

Ans: - Sentiment Analysis is the process of ‘computationally’ determining whether a piece of writing is positive, negative or neutral. It’s also known as **opinion mining**, deriving the opinion or attitude of a speaker.

Project members –

Shubham Kumar (2015UGEC038)

Rahul Nag (2015UGEC060)

Saurabh Kumar Bharti (2015UGEC068)