SENTIMENT ANALYSIS – SENTIC COMPUTING FOR POLITICAL FORECASTING.

ABSTRACT –

Sentiment analysis is also known as opinion mining. It entails a study of emotive text analysis, computational linguistics, and biometrics, as well as systematic identification, extraction, and quantification. Sentiment analysis basically done in a variety of domains, including detecting cyber issues such as hacking, political forecasting, and public opinion mining. We would want to employ sentiment analysis on political forecasting. The Political forecasting is based on the number and kind of political events, which include diplomatic choices, political leader activities, and other aspects of politics. We would examine the results of political events using sentiment analysis. We produce an uncontrollable emotion. We develop an unsupervised sentiment predictor model that incorporates emotional signals seen in social media discussions, such as emoticons and punctuation, as well as a strategy for incorporating this model to correlate sentiment changes. By this, we want to develop a unique methodology geared to forecast and organize more comprehensive and effective systematic analytical efforts. In this project we are using US election Trump vs Biden Twitter data.

We are using Machine learning methods (Naive Bayes, Support Vector Machines (SVM), deep learning (LSTM)) to retrieve the best accuracy and can be considered as baseline learning methods to develop our model. The data we are using in this project is gathered from twitter using Twitter API.

By –

Sai Nishanth Chiluveri

Tuneesh Reddy Yarramoddu

Venu Madhavi Jakkampudi