



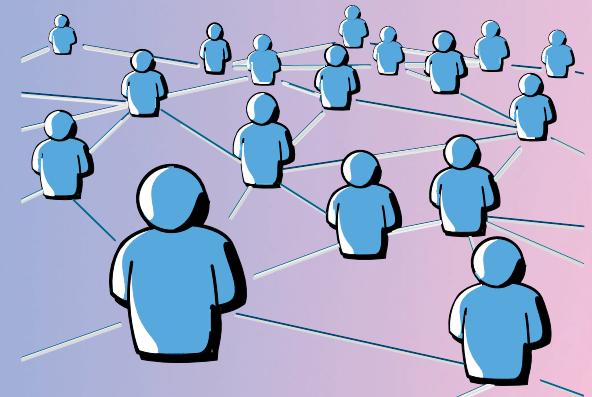
SCHMALTZ SURVEYOR



Machine Learning Project demonstrating Live Sentiment Analysis of Twitter



SOCIAL MEDIA



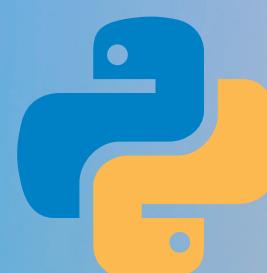
Classifier
Analysis

Web
Application

- Literature Survey
- Train and Test Dataset
- Cleaning the Data
- Visualizing based on Labels
- Analysis of various Classifiers
- Determining their Efficiency
- Figuring out their Accuracy
- Exporting the best model (RF)

- Designing the Web Application
- Fetching Tweets directly from Twitter
- Data Preprocessing
- Utilizing NLP API
- Developing Flask Application
- Providing a clean UI for the user
- Option for no of tweets to fetch
- Displaying the Sentiment expressed

Support Vector Machine | Random Forest.
Logistic Regression | k Nearest Neighbours
TPTN | Confusion Matrix | NLP | Pickle | NLTK
Word Cloud | Scikit Learn | Tweepy | NumPy



Project Guide :

Mrs. Nandini BM

Team Members:

Nithyashree A

Pradyoth P

Tejasvini SJ

