

# IT 609 - Big Data Processing Lab 1

Course Instructor - Prof. Sandip Modha  
Teaching Assistant - Saran Pandian P

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## 1 Aim

- To work on twitter streaming API using tweepy
- Perform real-time sentiment analysis using TextBlob

## 2 Practical Objectives

- Create a Twitter developer account and get access tokens, bearer tokens, API tokens.
- Create a Listener class which can stream the tweets in real time.
- Stream the tweets from handles of Yan Lee Cunn, Adani (20 tweets from each handles)
- Stream the tweets containing keywords "adani", "unionbudget" and apply textblob to find the sentiments of the tweets.

## 3 Submission guidelines

- Submit a jupyter notebook file containing the code for streaming the data. Put proper comments in between codes for proper understanding.
- print the dataframes as output especially the tweets as well the corresponding sentiments.

## 4 References

- check for authentication errors
- check for code