

# HW1 – Sentiment Analysis on Twitter

(due on 16 Jan 2019 at 11:59 pm)

Follow the instructions in the file “Twitter HW Setup.pptx” to collect a good sample of tweets about a trending topic. You can find trending topics [here](#). (Suggestion: at least 500 tweets).

Then, perform the following task in a Jupyter notebook file.

For each word, assign a value of +1 for positive sentiment, a value -1 for negative sentiment, or a value of 0 for neutral sentiment. You can easily find a list of “positive” words and a list of “negative” words online.

Do you think that the general sentiment is negative or positive? Weakly or strongly? It is up to you to decide how to measure the sentiment; make sure to briefly explain it in your submission though.

## Submission

Submit these files:

- The text file with your tweets
- The text files of positive and negative words
- One Jupyter notebook file (.ipynb) with your code; be sure to explain your code using mark downs and comments