

HW1 – Sentiment Analysis on Twitter

(due on 26 Sep 2017 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 that is not a “stop word” (and, the, a, is, as, ...), assign a value +1 for positive sentiment or a value -1 for negative sentiment. You can easily find a list of “stop words”, a list of “positive” words, and a list of “negative” words online.

What’s the sum of all values observed? Do you think that the general sentiment is negative or positive? Weakly or strongly?

Submission

Submit one Jupyter notebook file (.ipynb) with your code; be sure to explain your code using mark downs and comments. No need to attach any other file.