

Assignment 6
Sentiment analysis

Step 1: Dictionary tuning

Calculate the frequencies of the words you have in your tweets.

Focus on the first 50 top ones and see whether they express any sentiment.

If they do it, check whether they are already present in the dictionary.

If so, check whether they have been correctly characterized according to the meaning that is typically given in the context of your corpus (agree among you about it by voting).

Step2: Compute the sentiment

Compute it per tweet and on the overall set of tweets

Describe the distribution of positive, negative and neutral tweets and tell what is the opinion of the tweets on “data science.”

Bonus: Change the pos/neg sentiment of all terms you selected in Sept 1 and re-run Step 2.

Submit your notebook and material via OLE and explain the difficulties/issues you encountered.