

Q5 Readme

Please make sure that chromedriver.exe is downloaded and installed correctly on your system PATH and the version of your Chrome Browser is over 69.0

Algorithm:

- 1.Scrape data from tweets using selenium
- 2.Tokenize and POS tag the data
- 3.Use word-list based method to do sentiment analysis

Basically, the structure in Sentiwordnet is like (Frustrating, ADJ, 3) = Positive (0.1) Negative (0.7)

Hence, we sum all the scores in text words and get a total score, indicating the sentiment of the sentences.

References:

<https://medium.com/@dawran6/twitter-scraper-tutorial-with-python-requests-beautifulsoup-and-selenium-part-2-b38d849b07fe>

https://github.com/dipanjans/practical-machine-learning-with-python/blob/master/notebooks/Ch07_Analyzing_Movie_Reviews_Sentiment/Sentiment%20Analysis%20-%20Unsupervised%20Lexical.ipynb