

Practical Aspects of Data Science

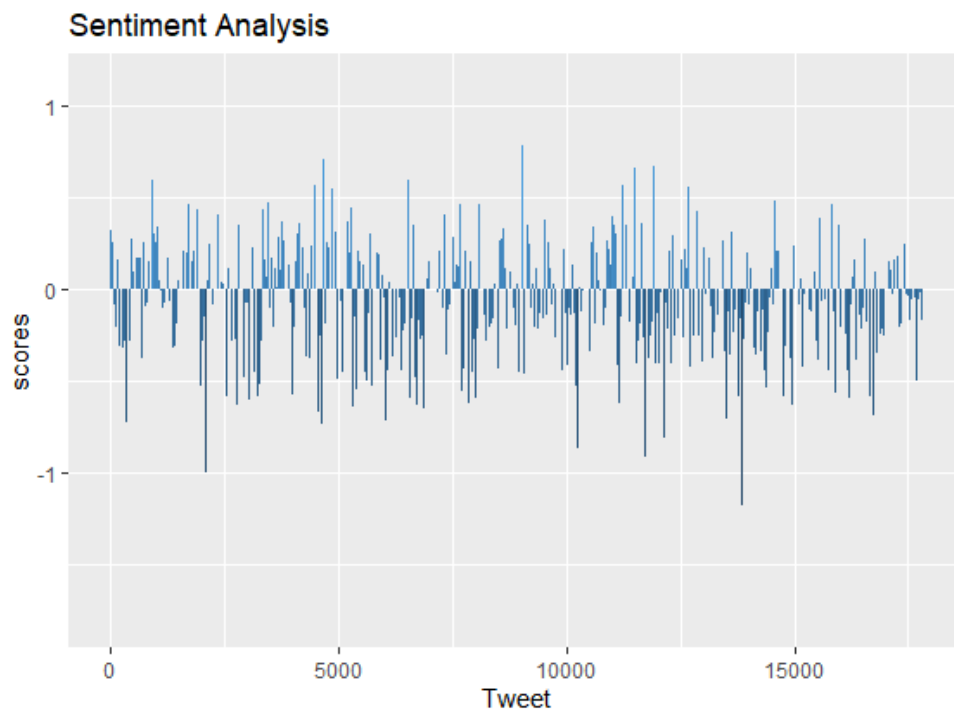
Project 2

Team Members:

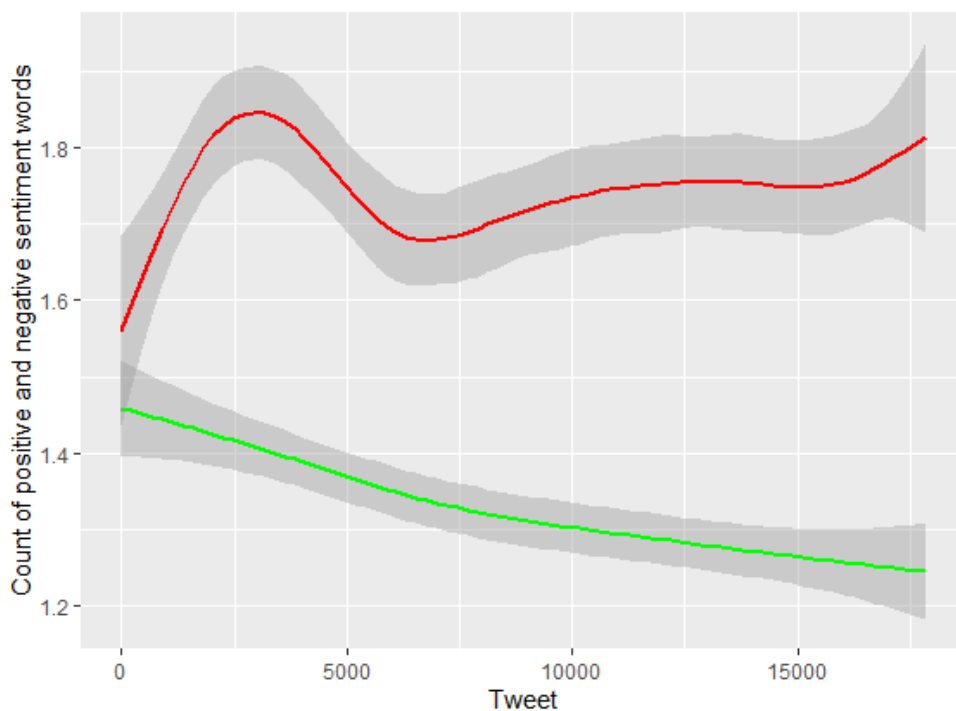
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Topic:

Sentiment Analysis of Twitter Data for Coronavirus tweets

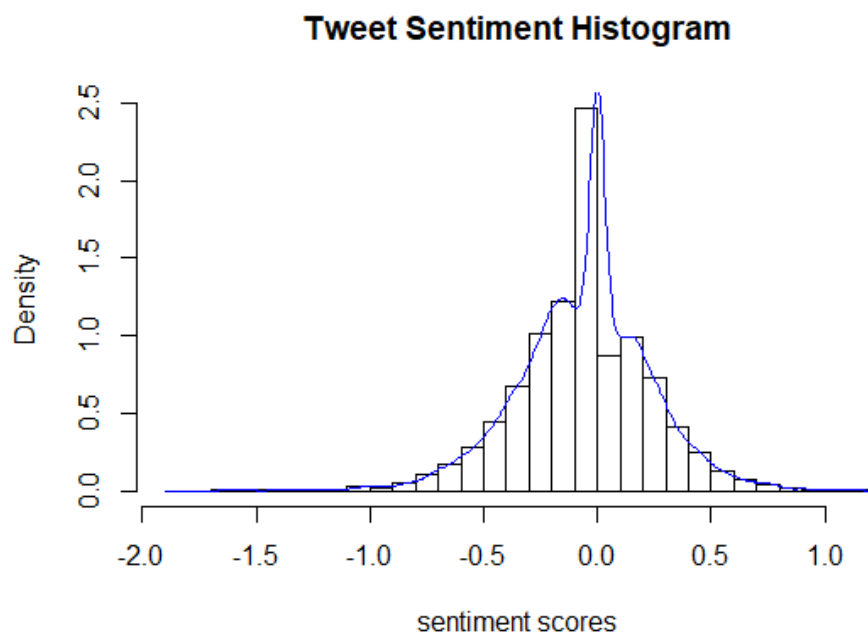


The above plot shows the sentiment values over all the tweets. The plot shows that the sentiment of the tweets varies between positive and negative but is mostly negative.

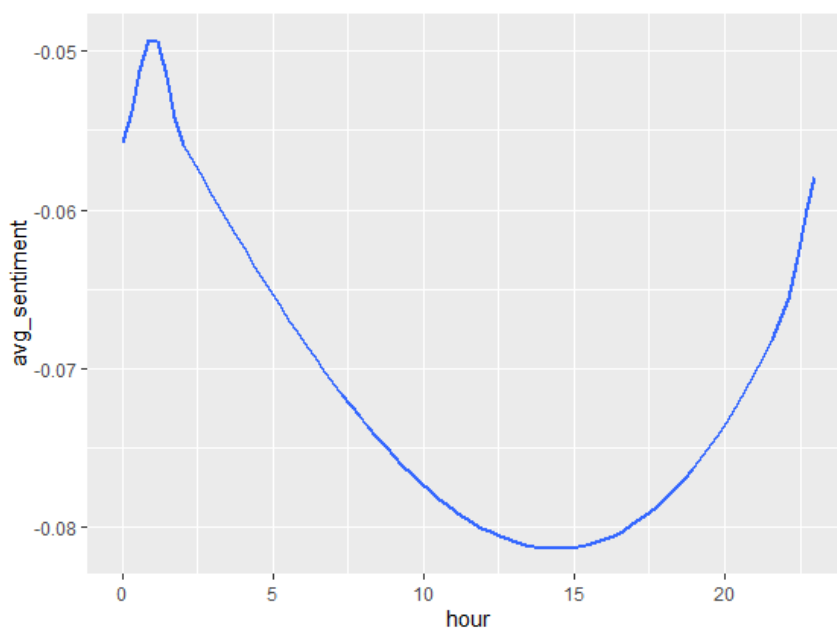


We have counted the positive and negative sentiment words in each tweet. The above plot shows this count for each tweet. The red curve indicates the count of negative words and the green curve indicates the positive word count.

As is visible, the negative word count is typically higher. This is similar to what we observed in the previous plot.



This is a histogram showing the overall sentiment score across all tweets. It indicates that most of the tweets are neutral followed by negative tweets.



Here, we have grouped the tweets based on an hourly basis and averaged the sentiment for each hour in a day. This plot shows the variation of sentiments in the tweets across hours.