

Homework 9 Results

Filename: Donald-Tweets.csv

Total number of words in text: 76473
Number of words used (vocabulary): 13683
Number of occurrences of positive words: 8715
Positive word vocabulary count: 466
Number of occurrences of negative words: 4122
Negative word vocabulary count: 735
Percentage of positive words: 0.1139618 (11.4%)
Percentage of negative words: 0.05390138 (5.4%)

Donald Trump's tweets contained an incredibly high percentage of positive words. Over 11 percent of words were positive, which is over double any of the other percentages found in the assignment. However, he also held the highest percentage of negative words. This data displays the passionate rhetoric that Trump is famous — or infamous — for, depending on who you ask and where they are politically.

Filename: womenmarch.csv

Total number of words in text: 164012
Number of words used (vocabulary): 12538
Number of occurrences of positive words: 5572
Positive word vocabulary count: 327
Number of occurrences of negative words: 4155
Negative word vocabulary count: 554
Percentage of positive words: 0.03397312 (3.4%)
Percentage of negative words: 0.02533351 (2.5%)

The women's march tweets were slightly more positive than they were negative. Both percentages were significantly lower than Trump's tweets. The analysis suggests a more mellow sentiment than that of Trump.

Filename: elonmusk_tweets.csv

Total number of words in text: 26827
Number of words used (vocabulary): 8720
Number of occurrences of positive words: 1578
Positive word vocabulary count: 324
Number of occurrences of negative words: 751
Negative word vocabulary count: 339
Percentage of positive words: 0.05882134 (5.9%)

Percentage of negative words: 0.02799418 (2.8%)

Musk's tweets were significantly more positive than negative. His negative word percentage was similar to that of the women's march tweets, but his positive percentage was significantly higher at almost six percent. An interesting note is that Musk appears to have a broader negative vocabulary, despite having a higher percentage of positive words.