

Read Me

This website contains visualizations of various Natural Language Processing (NLP) techniques performed on data gathered by scraping Twitter. The results come from searching #tesla. Also, for comparison, #ford was scraped.

Here are brief explanations of the visualizations:

Unigram – Unigram Term Frequency Word Cloud

Bigram – Bigram Term Frequency Word Cloud

Trigram – Trigram Term Frequency Word Cloud

TF-IDF – Term Frequency – Inverse Document Frequency Word Cloud

Sentiment – Sentiment Analysis based on the Bing lexicon. The analysis assigned positive or negative sentiment scores based on a tally of how many positive or negative words (as defined by the Bing lexicon) are present in the corpus.

Comparison – Comparing word clouds from #tesla and #ford

Emotion – Emotional analysis based on the NRC lexicon. This is a Radar Chart which graphs an area for corresponding emotions.

Elon – This is an additional unigram term frequency word cloud in Elon Musk's likeness.