

Social Sensing Project

US Political Climate Trend Mapping

Abstract

Using political hashtags, the US political landscape will be analyzed by geolocation and correlated with large media events throughout the course of the US presidential campaign over the last year. The geolocation data from 1 year ago will be contrast with that of the present day.

Twitter will be the main source of data and semantics will have to be deciphered so as to quantify how democratic-oriented or republican-oriented a tweet is directed. Similar to PageRank, a value will be assigned to the likelihood of a tweet being for Donald Trump or Hillary Clinton. Using similar semantic analysis, tweets that are against each candidate may also deliver insightful results.

The Tweepy library will be used with Python to build the underlying computation for this project. The results will be displayed using a visualization tool like Pandas.

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