Twitter, Politics, and Organizations

Data:
1. **Twitter data** in json format from Donald Trump & Hillary Clinton’s official campaign Twitter accounts, collected from Social Feed Manager, exported as CSV
2. **FEC filings**: campaign finances, contributors from FEC data catalog & FEC API

Methods:
- Named Entity Extraction with Stanford NER (didn’t work), then used NLTK (worked). Used OpenRefine to normalize entities.
- Sentiment analysis against text of tweets to see ratio of positive vs. negative tones in tweets from Clinton vs. Trump, using NLTK and multiple methods (Naive Bayes, VADER)
- Visualized sentiment, retweet counts, donations by a particular organization using d3plus.js visualizations and TimeMapper. Ran out of time!

John Berlin, Allie Kosterich, Greg Wiedeman, Nich Worby, and Laura Wrubel
"If fighting for equal pay, paid family leave, and affordable child care is playing the 'woman card,' then deal me in" — Hillary to the @SEIU

May 25, 2016

Tweet

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