



Trump Twitter Analysis

MIS 284N: Group Project

Nittala Venkata Sai Aditya, Disha Gandhi, Tanvi Dalal, Apurva Audi, Muskaan Singhania



Problem Statement

How can Future politicians position themselves well on Social Media?

Can they learn from Trump's mistakes?



Approach

Scraping

Pre-processing

EDA

Topic Modelling

Recommendations

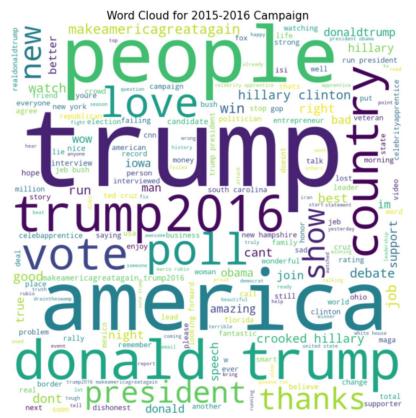
- Current: 6000 user tweets (2022)
- Archive: 56000
 Trump tweets
 (2009-2021)
- Removal of links, emojis, punctuation, stopwords
- Word tokenization, lemmatization
- Frequency analysis (Word Cloud)
- Lift Analysis (MDS)
- Sentiment Analysis

- Coherence Plots
- LDA
- pyLDAvisVisuali zation

- Topics to stay away from
- Topics to talk about
- Good Social Media Behaviour



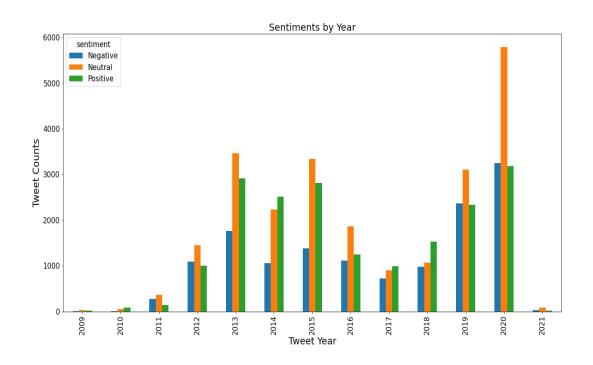
Word Frequency Analysis

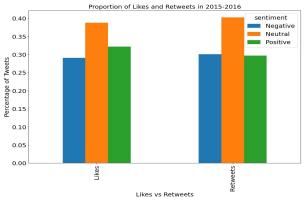


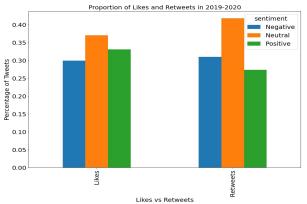




Sentiment Analysis





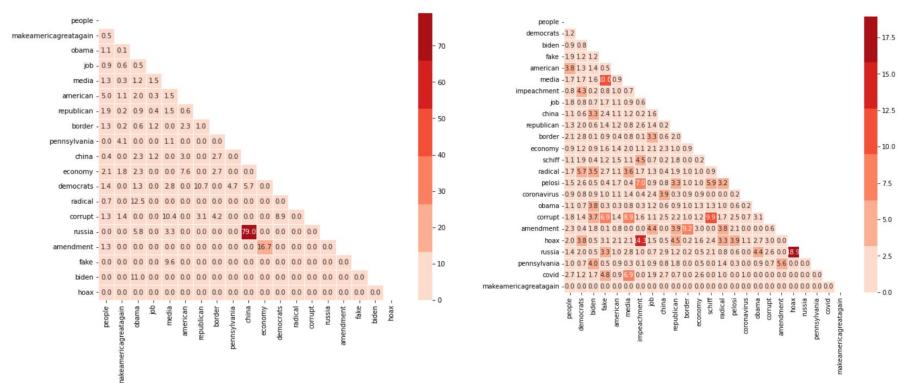




Lift Analysis

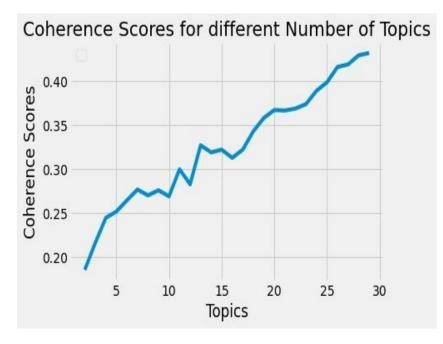
Year 2015-2016

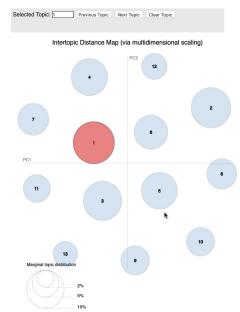
Year 2019-2020

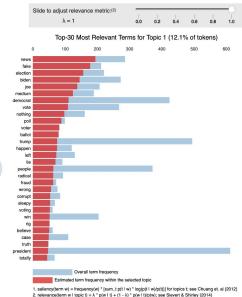




Topic Modeling (LDA+Gensim)

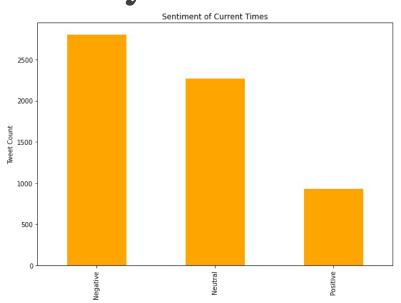


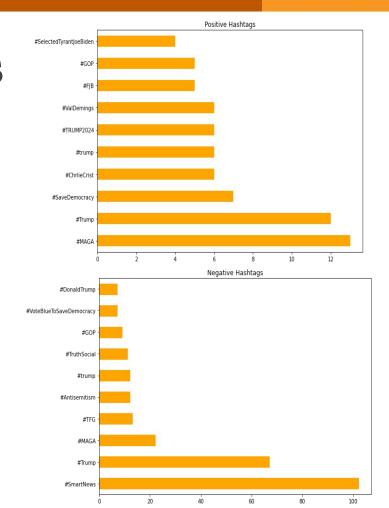






2022 User Tweets Analysis







Recommendations

Trump hardly talked about MAGA in 2019, his greatest strength

Trump got too personal with his insults Trump should be inclusive of all population & be relevant to current issues

Trump talked too much about himself

Not focusing on the bigger picture in Economy and Coronavirus cost Trump the elections in 2020.