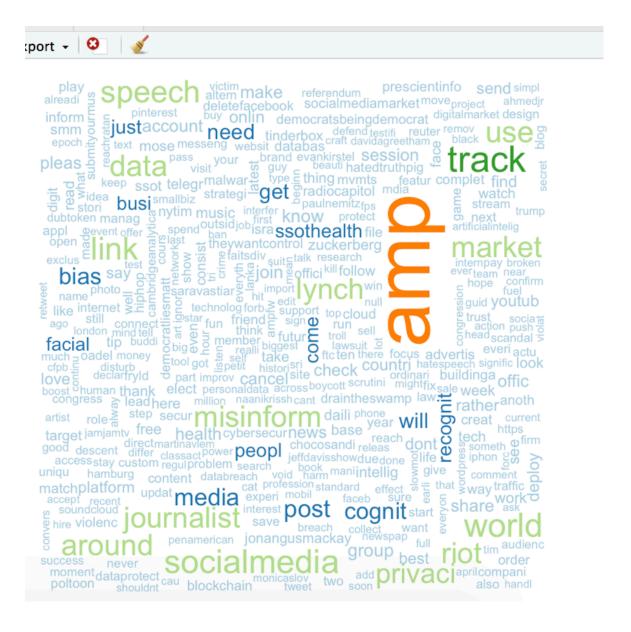
Nemshan Alharthi

Data 902 Text Mining & NLP

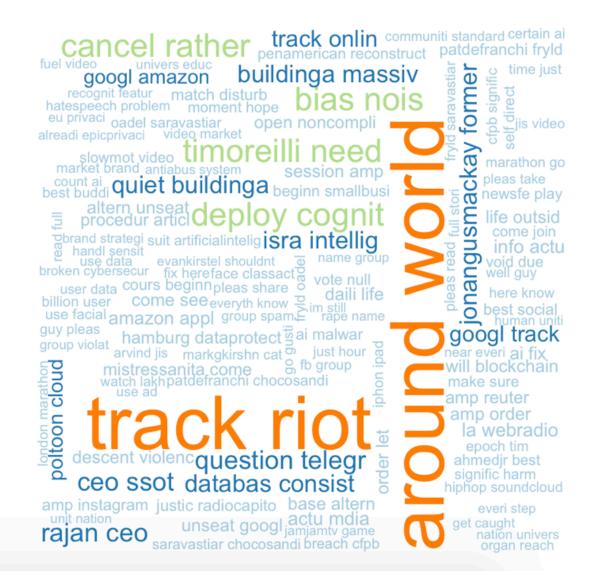
Professor Phani Kidambi,

The goal of this project is to apply various natural language processing and text mining techniques on tweets from the hashtag #facebook using word clouds and Bing/NRC lexicons.

Term frequency Unigram Word Cloud:



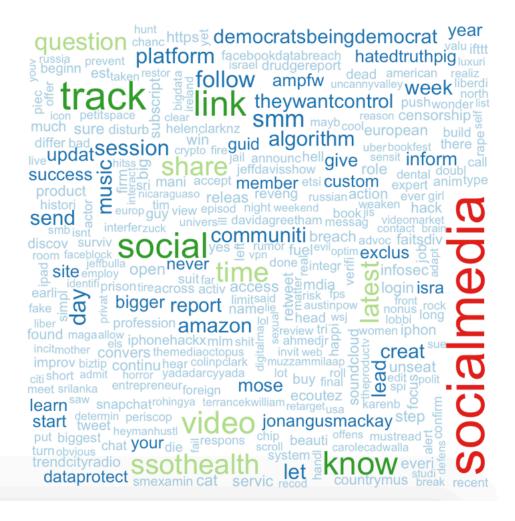
Term frequency Bigram Word Cloud:



Term frequency Trigram Word Cloud:

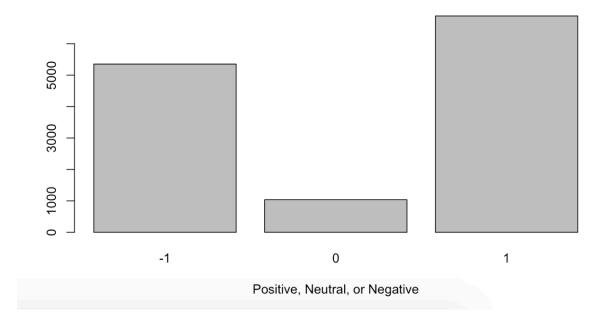
daili life outsid petit declar referendum jis video watch offic open noncompli slowmot video self session amp order cybersecur infosec ai violenc base interview info actu mdia fryld saravastiar oadel fix here know cfpb signific harm helenclarknz countri tinderbox here someth may health soothealth send love mother earth leav daili life ssothealth session mose vote null void aylinerk amp instagram recognit databas consist want save face well guy pleas may known alreadi group violat communiti ordinari user cau . till get caught saravastiar chocosandi monicaslov may annoy ir market servic socialmediamarket freedomwork data breach video self direct dit fun moment handl sensit inform null void due antiabus system broken still get caught edit fun momenț arvind jis video declar referendum voteget caught news detail infect just recognit face classactpersonaldata privaci Idata ice find share upeacdata breach mother earth human come see I scrutini googl next group advoc rape come see leav truli chill ampfw improv health cat g lawsuit fuel video market data may annoycount ai fix problem hate speech see leav daili someth may known signific harm ampfw amp match disturb year back made evankirstel shouldnt count known alreadi epicprivaci self direct edit cialinteli crime health descent violenc base nation univers educ procedur articl am speech massiv tacial recognit pleas read full full stori amp order let infosec ai malwar improv pleas hate artifi bigger googl track davidagreetham facial recognit inform truli chill hate social media platform experi fps slowmot intellig offic quiet lawsuit personaldata privaci mdia faitsdiv justic cloud theywantcontrol elect infect just day

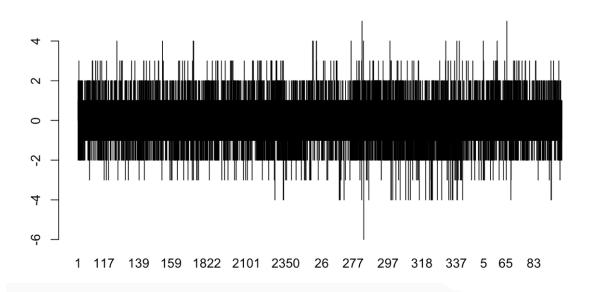
TF-IDF Word Cloud



Sentiment analysis (using Bing lexicon)

Distribution of Sentiment





Emotional analysis (using NRC lexicon)

