Social Media Observatory Lab Assignment Report

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- ❖ Downloaded tweets of some hashtags related to Corona Virus (COVID-19), keywords using Twitter API.
- ❖ Created tweet's corpus and applied Pre-processing techniques to clean the corpus.
- ❖ Performed sentimental analysis using NLTK's vader and sentimentR libraries to get text polarity.
- ❖ plotted graphs for each type of text polarity.
- ❖ Extracted the top 5 tweets for each distinct hashtag – the most positive and the most negative tweets.
- ❖ Visualized the Tweets distribution based on the metric mean sentiment.
- ❖ Computed the Tf-Idf matrix and discussed the results.