1. A specific title of my project

Sentiment analysis over “gun control”

2. background/context of the problem I are attempting to solve

Recent mass shootings in America reveal the problem with guns and gun violence. I wanted to see if there are more people support “gun control” or not after this event.

3. A clear, concise problem statement.

Classify tweets to social event related and non- social event related tweets and sentiment analysis on tweets in US.

4. A preliminary assessment of how you will approach your problem.

Use R and rtweet (R client for accessing Twitter’s REST and stream APIs) to access tweets datasets and Search for up to 2,000 tweets. Then use Information Retrieval Models, Naive Bayes or other methods to do the text classification and sentiment analysis. Law maker and politician can benefit from my project as to see the real opinion of people.