Data Science Project 3: Chicago CTA Tweets

Team: Kelly, Garima, Gaby, Joe, Amy  
  
**Chosen topic and rational:**  
We want to create a report of public CTA Sentiment

* CTA has made a number of improvements over the past decade
* We want to track sentiment as the improvements are made.
* The Twitter API will allows us to look at tweets that have occurred over the last 7 days

Link to datasets

* Twitter API
* Airline Twitter sentiment <https://www.figure-eight.com/data-for-everyone/>

Visuals

* Charts to display number of positive and negative sentiments

Tools:

* NLP - Scikit learn
* Textblob – may use for cleaing
* Pandas
* HTML
* Flask
* Tweepy
* Javascript
* Plotly.js
* vaderSentiment