**Project Title**: Twitter data analysis of recent California Thomas Fire event

Data source: Twitter API, Zillow API

Main search term criteria: locan (pnly for area affected), timeline(start of event till analysis date), Twitter userID who set up location enabled

Data Sources:

1. Twitter
2. Zillow

Twitted Limitation:

* Location with specific
* Time of event selcted
* Hashtag for the fire
* Number of tweets (subsample)

Zillow restriction:

* Location ranges
* Property damage occured in the selected area

Research question:

1. Estimated property damage
2. Sentiment from twitter by wealth index (linked to the price of the house)
3. The volume of tweet to evaluate people reaction since the start of fire event (2 days before,4 days before)--doing Trend analysis and heat map