**Project 3**

Ludan, Yuan, John, Ryan

Repository: <https://github.com/ludanzhan/Project3>

Track: Dashboard page with multiple charts that update from the same data

New JS library: FullPage

FullPage: <https://github.com/alvarotrigo/fullpage.js>

Data: <https://developer.twitter.com/en/docs/twitter-api/v1/data-dictionary/object-model/tweet>

<https://github.com/twitterdev/Twitter-API-v2-sample-code>

Proposal: Using twitter’s API to provide an interactive webpage of 10 pre-assigned twitter accounts with evolving visuals. Specifically, using tables, gauges, scatter, bar, and pie charts to visualize data.

We are going to use

1. @Elonmusk
2. @BarackObama
3. @Cristiano
4. @BTS\_twt
5. @Wendys
6. @shroud
7. @CDawgVA
8. @Charlidamelio
9. @NFL
10. @instagram

Scatter plot:

X: retweet counts

Y: like counts

Pie Charts:

Bin the amount of likes into categories (1-500, 501-1000, etc.) and show like counts proportion

Table:

Top 10 hashtags used in the user’s tweets

Bar chart:

For comparison average likes, average tweets among the different twitter user accounts

Gauge:

Measure of how many followers they have

Sketch:

