

# Problem Set 4

Leah Pomerantz

February 22, 2022

## 1 Data Sources

I think I'd be interested in scraping data from Twitter. I really enjoyed the Twitter scraping done in Dr. Wang's class, and it played nicely with R. I would be interested in looking at tweets using the hashtag "antisemitism." I think there are a lot of other topics I would be interested in, as the general concept of using Twitter data and text analysis fascinates me.

## 2 Questions from Problem 6

- (a) 5.d  
mydf\$dates is a "character" type
- (b) 6.7  
"class(df1)" gives "tbl\_df" "tbl" "data.frame"  
"class(df)" gives "tbl\_spark" "tbl\_sql" "tbl\_lazy" "tbl"
- (c) 6.8  
The names of the columns are different by deliminators. For "df", there is a period between the two words and for "df1", there is a "\_" I think it might be because of how tibbles and Sparks may be read differently by the computer.