Part One - Data Collection

Samad Patel 9/29/2018

Summary

This document involves the process of collecting data regarding Trump's followers.

Libraries

```
# Load relevant libraries
library(rvest)
library(dplyr)
library(zoo)
library(stringr)
library(lubridate)
library(ggplot2)
library(ggthemes)
library(readr)
library(kableExtra)
```

Scraping

```
### Load the data into a dataframe ###
url <- 'https://www.trackalytics.com/twitter/profile/realdonaldtrump/'
page <- read_html(url)
data <- page %>% html_nodes('#summary') %>% html_table(fill = T)
df <- data[[1]]</pre>
```

Basic Cleaning

Date	Followers	Follower_Change	Num_Tweets
2018-09-29	54722152	23589	1
2018-09-28	54698563	26089	1
2018-09-27	54672474	21128	12
2018-09-26	54651346	20751	13
2018-09-25	54630595	17609	12
2018-09-24	54612986	17292	3