



Data Analytics with Twitter API

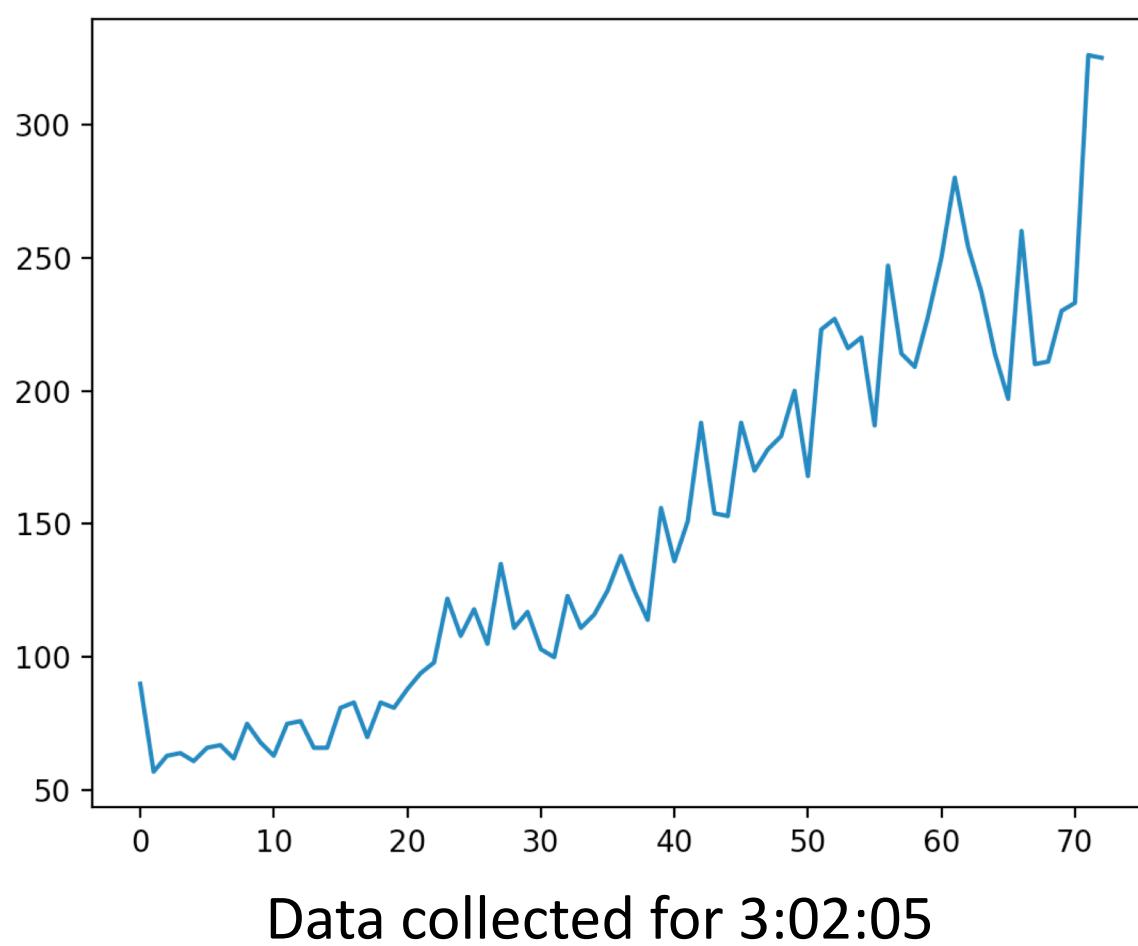
“Lifespan of Donald Tweets”

Joe Aitken & Ryan Page

X-axis = Calculated Blocks
Y-axis = Timespan between 100 retweets

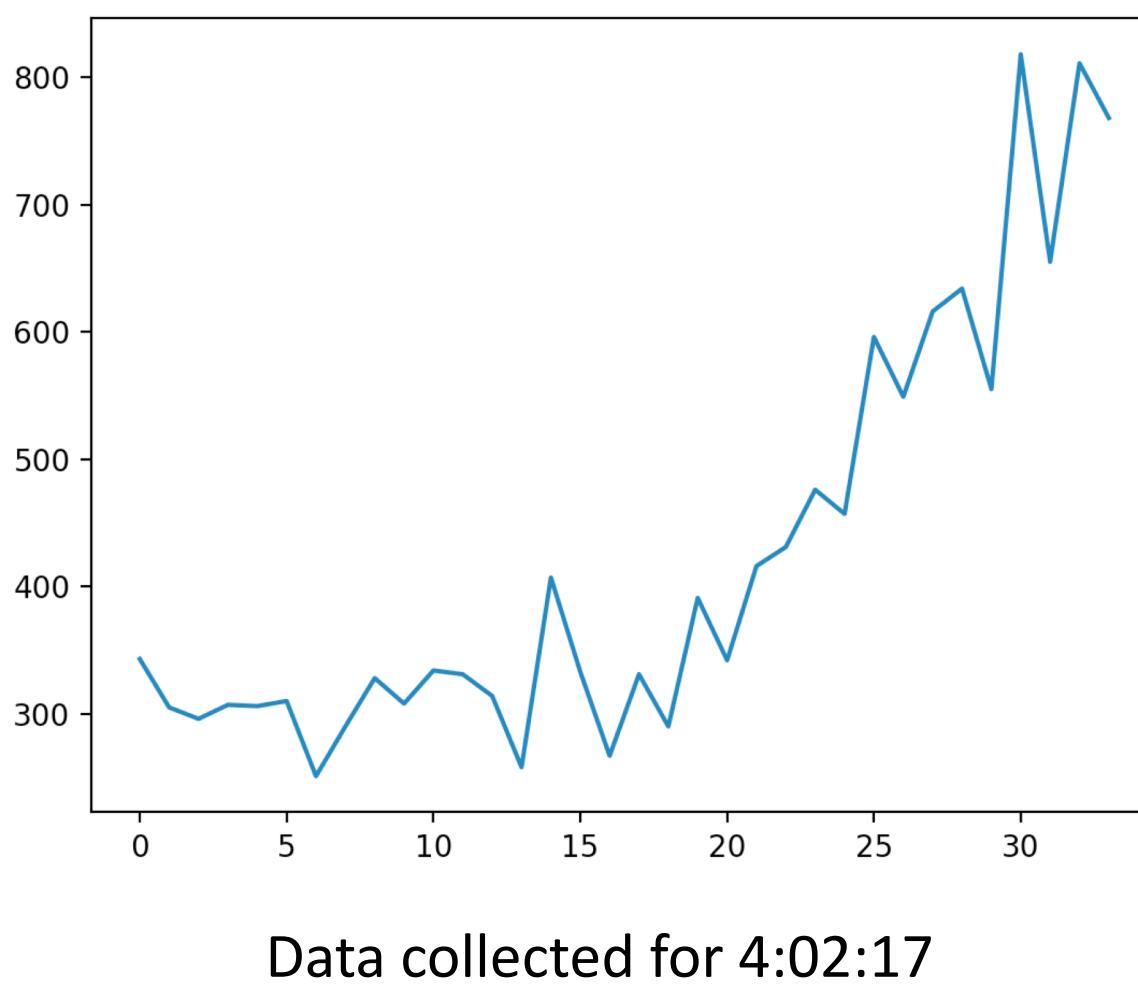
Donald J. Trump @realDonaldTrump · 8h
Congratulations to newly inaugurated Mexican President @lopezobrador_. He had a tremendous political victory with the great support of the Mexican People. We will work well together for many years to come!

8.2K 11K 46K



Donald J. Trump @realDonaldTrump · Nov 30
Watch @seanhannity on @FoxNews NOW. Enjoy!

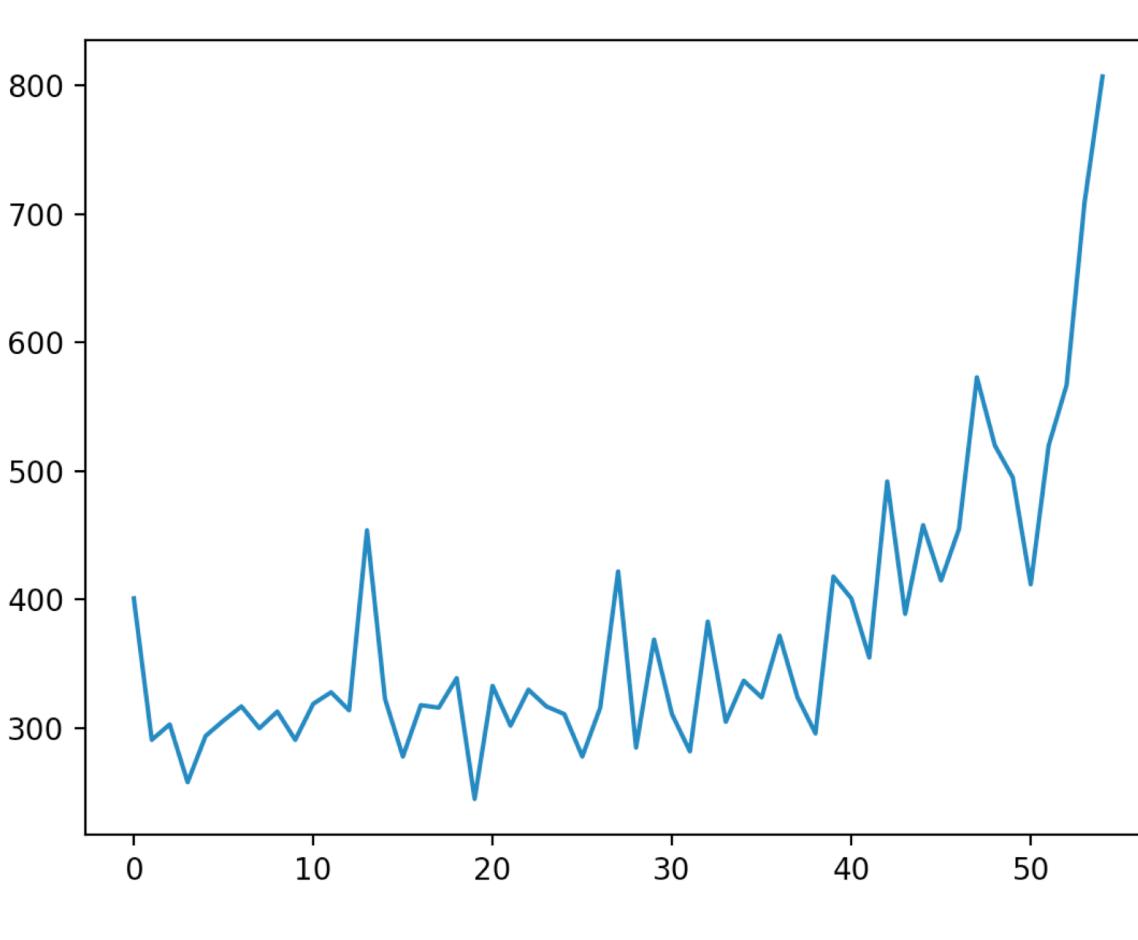
22K 10K 55K



Donald J. Trump @realDonaldTrump · Nov 30
Great day at the #G20Summit in Buenos Aires, Argentina. Thank you!



10K 18K 80K

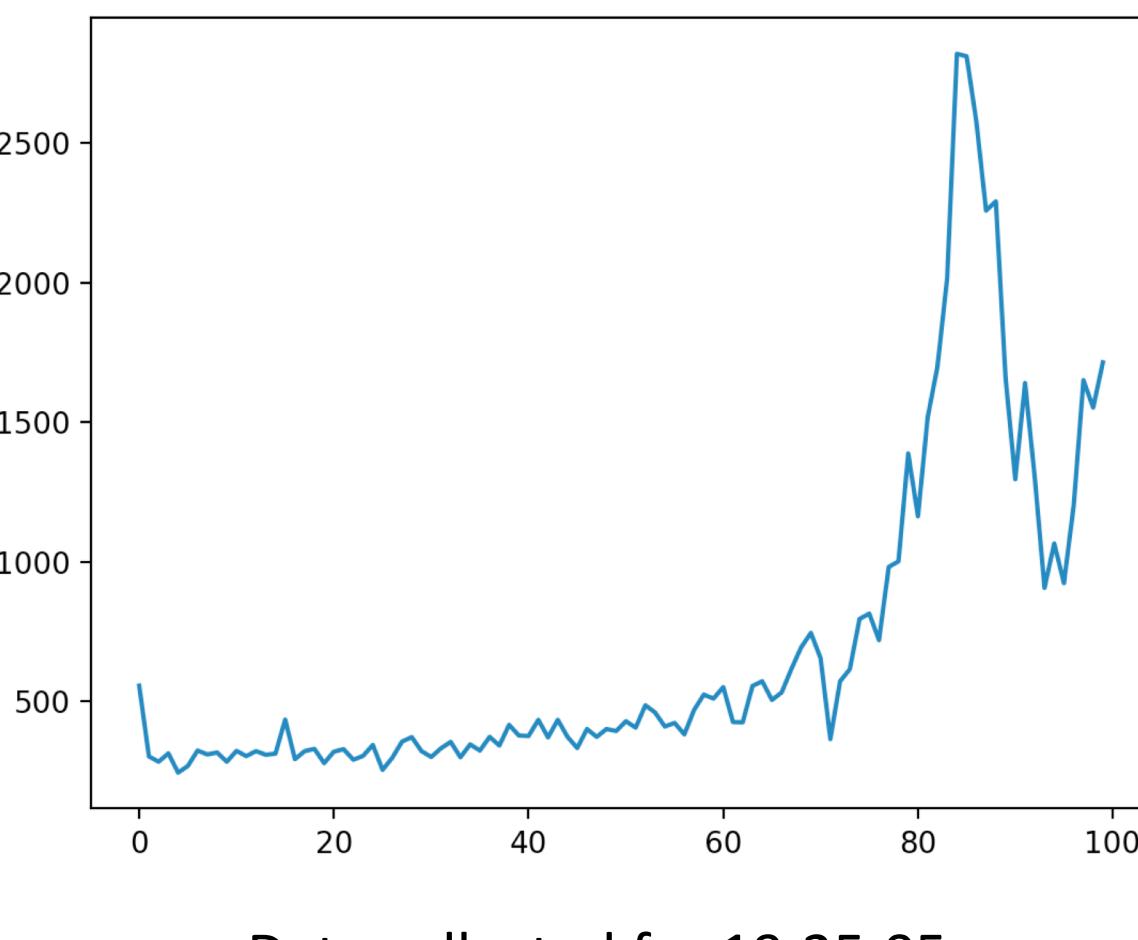


Donald J. Trump @realDonaldTrump · Dec 2
This week, Jews around the world will celebrate the miracles of Hanukkah.

@FLOTUS Melania and I send our very best wishes for a blessed and Happy Hanukkah! [whitehouse.gov/briefings-stat...](#)



8.7K 16K 68K



Estimated Tweets Scraped:
1,000,000+

Our program monitors a given user's timeline and scrapes the retweets of any active tweet by that same user. We implemented a MongoDB database to handle the mass amounts of retweets. We utilized PyMongo to access this data for graphing purposes.

Initially, the time between retweets is quite small. As the tweet ages, the time difference increases as well. We noticed there are many small discrepancies and interesting paradigms within the displayed graphs.

