
0.0.1 Question 1d

There are many ways we could choose to read tweets. Why might someone be interested in doing data analysis on tweets? Name a kind of person or institution which might be interested in this kind of analysis. Then, give two reasons why a data analysis of tweets might be interesting or useful for them. Answer in 2-3 sentences.

Agents who aim to investigate the trends of interest may want to keep track of what influencers said. Since the tweets of influencers are likely to lead trend. (like Elon Musk and his Dogecoin). By tracking and analysing those tweets, these agents can respond ahead.

0.0.2 Question 2e

What might we want to investigate further? Write a few sentences below.

what time period is most popular for tweeting?

0.0.3 Question 2f

We just looked at the top 5 most commonly used devices for each user. However, we used the number of tweets as a measure, when it might be better to compare these distributions by comparing *proportions* of tweets. Why might proportions of tweets be better measures than numbers of tweets?

the total number of tweets for each users is different. Propotion helps in compare between user with large difference in total number of tweets.

0.0.4 Question 3b

Compare Cristiano's distribution with those of AOC and Elon Musk. In particular, compare the distributions before and after Hour 6. What differences did you notice? What might be a possible cause of that? Do the data plotted above seem reasonable?

Cristiano nearly post no tweets in hours before 6. and AOC nearly post no tweets between 5 to 11. Perhaps because these users are in different timezone, so the period of sleeping in different.

0.0.5 Question 4a

Please score the sentiment of one of the following words, using your own personal interpretation. No code is required for this question!

- police
- order
- Democrat
- Republican
- gun
- dog
- technology
- TikTok
- security
- face-mask
- science
- climate change
- vaccine

What score did you give it and why? Can you think of a situation in which this word would carry the opposite sentiment to the one you've just assigned?

science: normally neutral. No obvious bias on negative/positive.

0.0.6 Question 4g

When grouping by mentions and aggregating the polarity of the tweets, what aggregation function should we use? What might be one drawback of using the mean?

Type your answer here, replacing this text.

0.0.7 Question 5a

Use this space to put your EDA code.

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In [102]: # perform your text analysis here
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0.0.8 Question 5b

Use this space to put your EDA description.

Write your description here.

