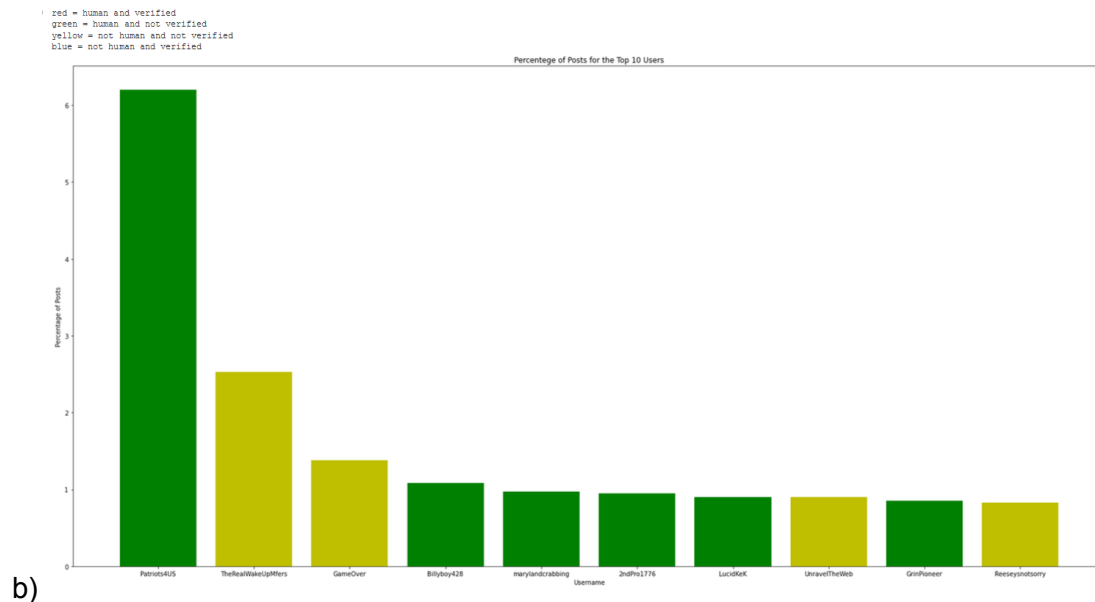
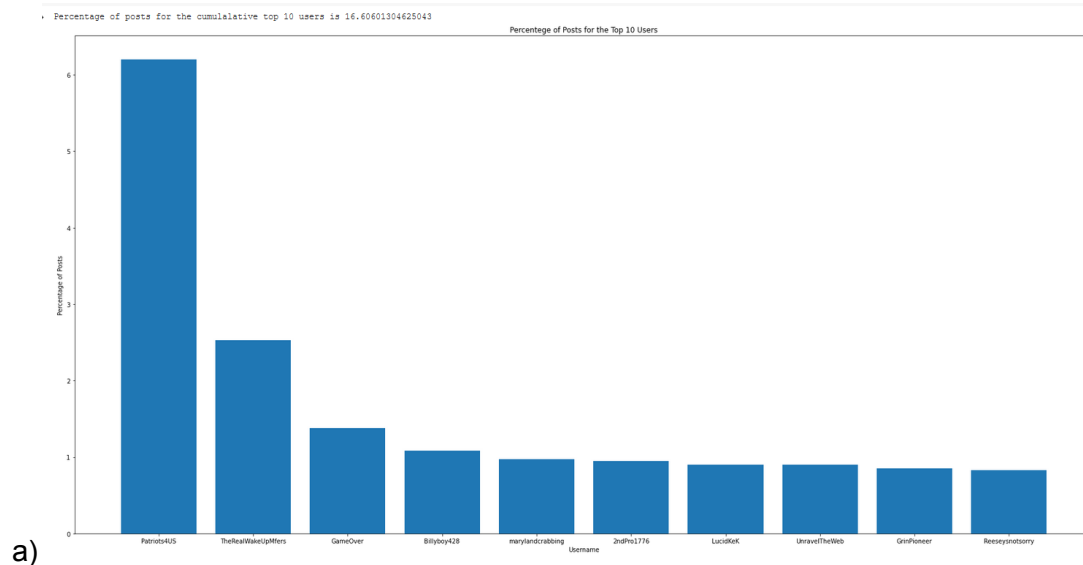


PSOSM Homework 1

Rishabh Devgon | 2018303

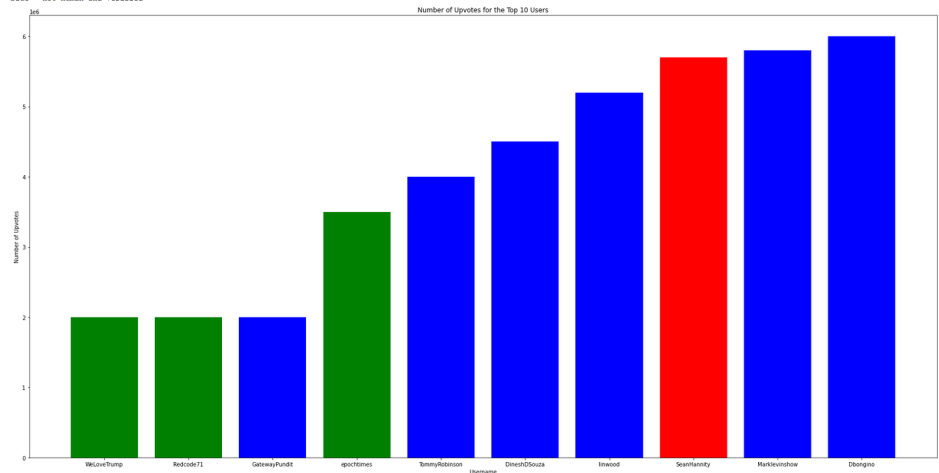
Question 1:



The top 10 users in this parler data make up for around 16 percent of the total posts. The sample which we have observed was for 22326 users which shows the skewed distribution of posts done by users. This implies that either the rest of the users are comparatively dormant or the users in the top 10 are especially active. Patriots4US has much more posts than any other of the accounts which is a potential flag about its legitimacy and how its post content may not be of high quality. As we observe, the most frequently posting users are either human and not verified or not human and not verified. This could lead us to conclude that people who are verified may comparatively post lesser than certain unverified users. The users in yellow could potentially be bots and the users in green may require re-verification. Since non-verified users are not a part of this group, it could mean more selectivity in terms of the posts that they put out.

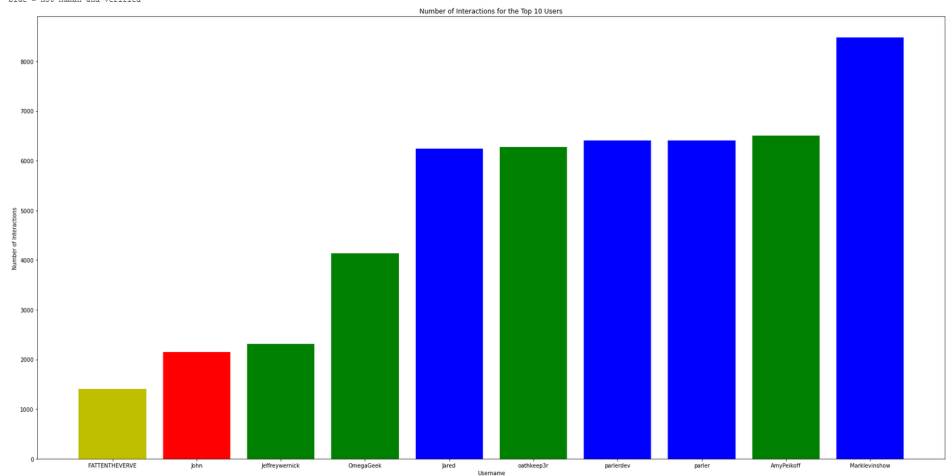
Question 2:

red = human and verified
green = human and not verified
yellow = not human and not verified
blue = not human and verified

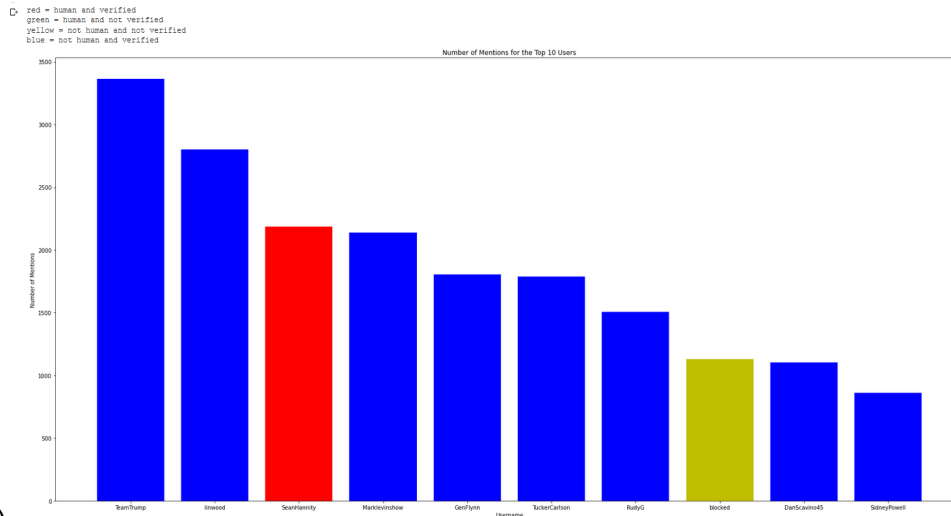


a)(i)

red = human and verified
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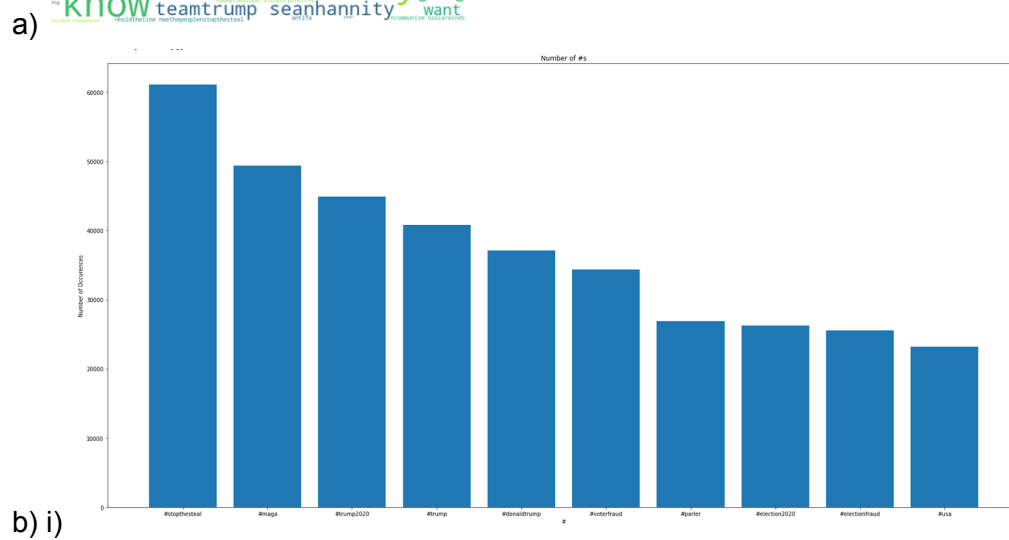
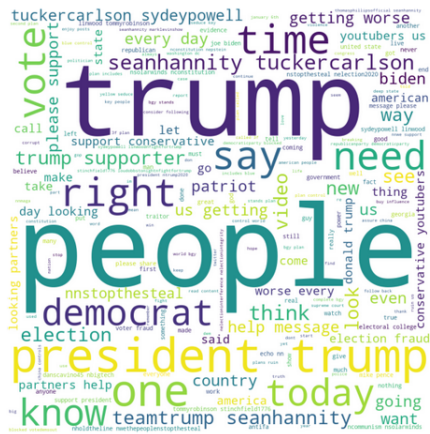
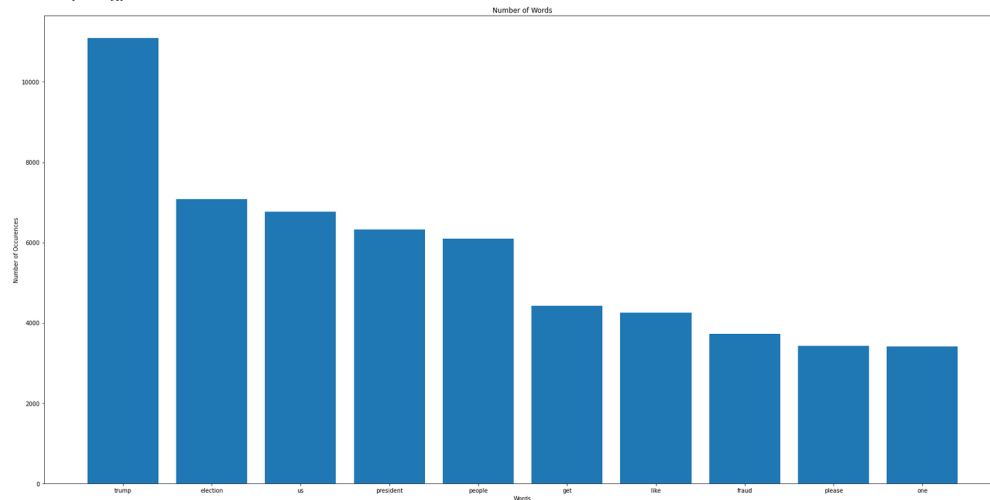


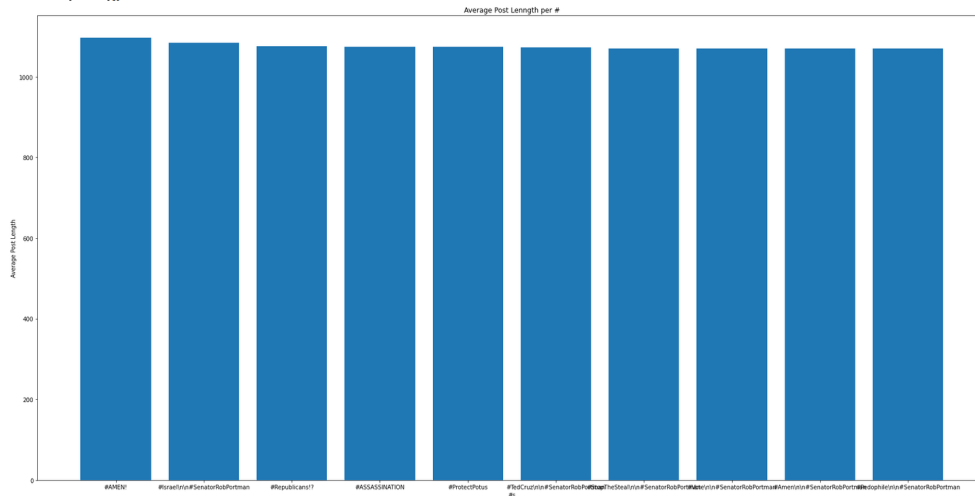
(ii)



The most number of upvotes are among verified and non-human accounts which could mean that they are accounts of companies/ corporates or other organizations which keep people engaged. Verified human accounts also have some representation in this data along with human non-verified users. This means that the previously seen potential bot users do not receive the same engagement as other users. The same trend is prevalent in users with maximum interactions where human and not verified and not human and verified seem to make up for the majority of users in the top 10 interactions. The users in the mentions are very similar to the users with the upvotes which means that there is a potential linkage between the two. Team Trump has the most mentions thus establishing the team's popularity and moreover the popularity of Donald Trump as a leader. Dan Bongino, a far-right radio host has the highest number of upvotes showing that the audience using parlour were majorly people identifying as conservatives. Because of the associations with various American cities, the users seem to be based out of USA predominantly and with various mentions about technology, careers, policies, politics and environment, the users seem to be majorly young adults associated with technology, and more specifically to a tech university to a certain extent.

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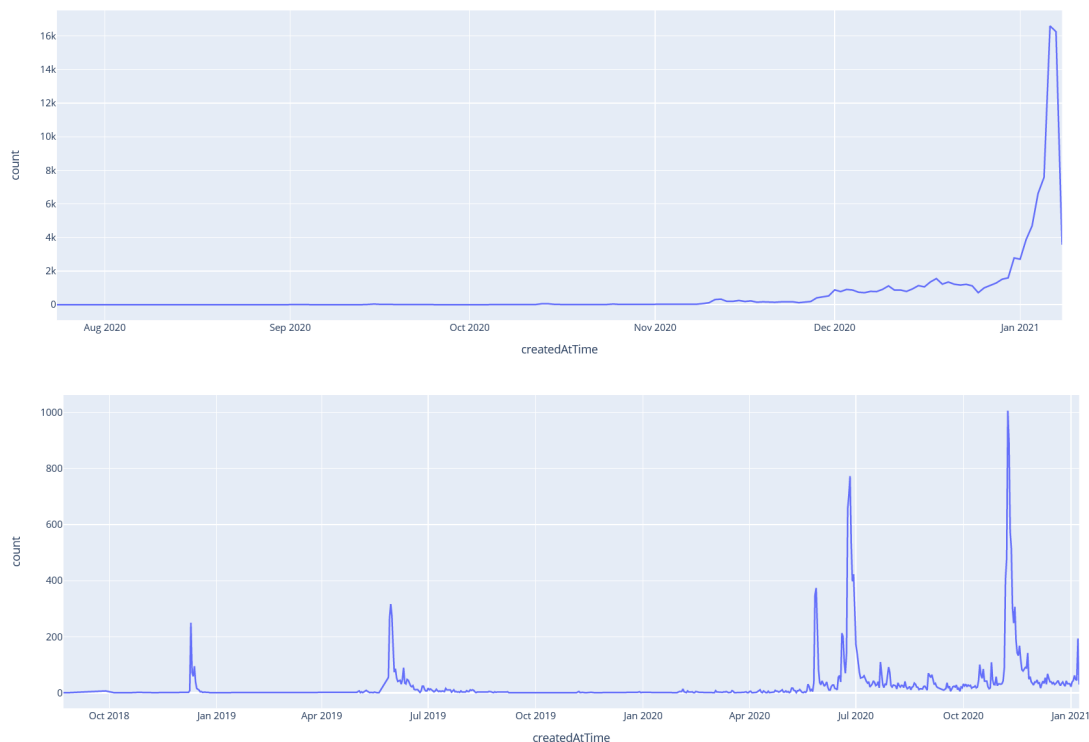




ii)

Most words have a political inclination which could point to the riots directly. The platform received a large amount of dialogue on extremely politically charged topics and it is possible that it facilitated and acted as a medium to propagate, communicate and recruit people for the capitol riots. The hashtags also align with this with the most popular hashtags being related to voter fraud, election fraud, Donald Trump and stop the count. This is indicative of conjecture about the unfairness of America's democratic election process. This behaviour was further instigated by republican politicians who felt that mail-in ballots lacked authenticity and were against democratic principles.

Question 4



There is a spike in the number of users creating accounts on Parler around July and November 2020. This correlates with the whole movement of stop the counts that were taken up by various people in the USA who felt that the election process was unfair. Most number of posts also came around January which means that there was active communication on this platform around the capitol riots.