Big Data
Assignment-4 Report

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Part-1

Q-1

    A. ID of tweet with most liked tweet= 1117466085828235265

    Number of likes = 43519

B. ID of most retweeted tweet - 1106767552351559680
Number of retweets = 56324

Chowkidar Narendra Modi ✔
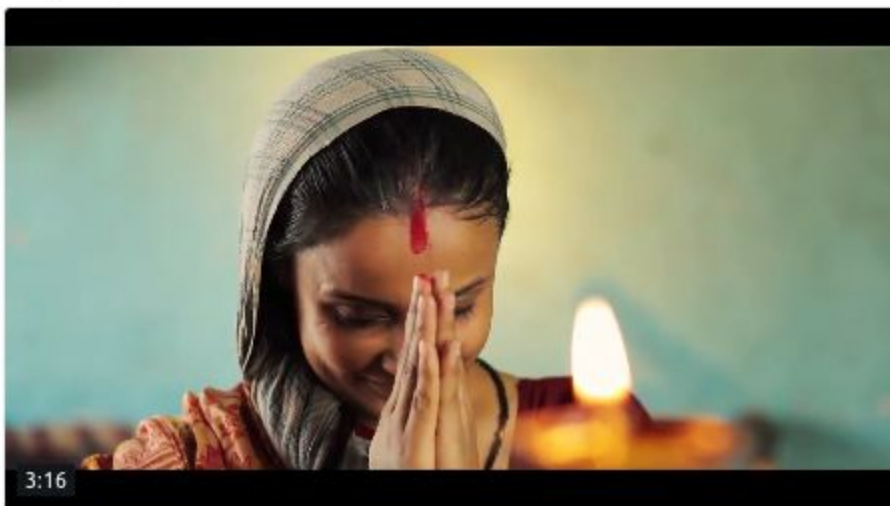@narendramodi

Your Chowkidar is standing firm & serving the nation.

But, I am not alone.

Everyone who is fighting corruption, dirt, social evils is a Chowkidar.

Everyone working hard for the progress of India is a Chowkidar.

Today, every Indian is saying-#MainBhiChowkidar

3:16

Take The Pledge

Tweet #MainBhiChowkidar

8:30 PM - 15 Mar 2019

56,323 Retweets **160,804** Likes

C. top 5 most popular tweets

I have used Following Formula for calculation of popularity-

popularity_of_tweet = (number_of_retweets*3 + number_of_likes)

```
Top 5 Most popular Tweets:
Popularity Score:  168972 Tweet:  RT @narendramodi: Your Chowkidar is standing firm &amp; serving the nation.

But, I am not alone.

Everyone who is fighting corruption, dirt, s…
Popularity Score:  106068 Tweet:  RT @narendramodi: #MissionShakti is special for 2 reasons:
(1) India is only the 4th country to acquire such a specialised &amp; modern capabil…
Popularity Score:  99246 Tweet:  RT @narendramodi: मेरे प्यारे देशवासियों,

आज सवेरे लगभग 11.45 - 12.00 बजे मैं एक महत्वपूर्ण संदेश लेकर आप के बीच आऊँगा।

I would be addr…
Popularity Score:  92956 Tweet:  आज तक ने प्रधानमंत्री श्री नरेन्द्र मोदी के भाषण पर दिखाई गलत खबर।

आखिर क्यों? https://t.co/U2KZlMFf7b
Popularity Score:  89340 Tweet:  RT @narendramodi: Shri Manohar Parrikar was an unparalleled leader.

A true patriot and exceptional administrator, he was admired by all.…
```

D. top 5 most used hashtags by the BJP's official handle -

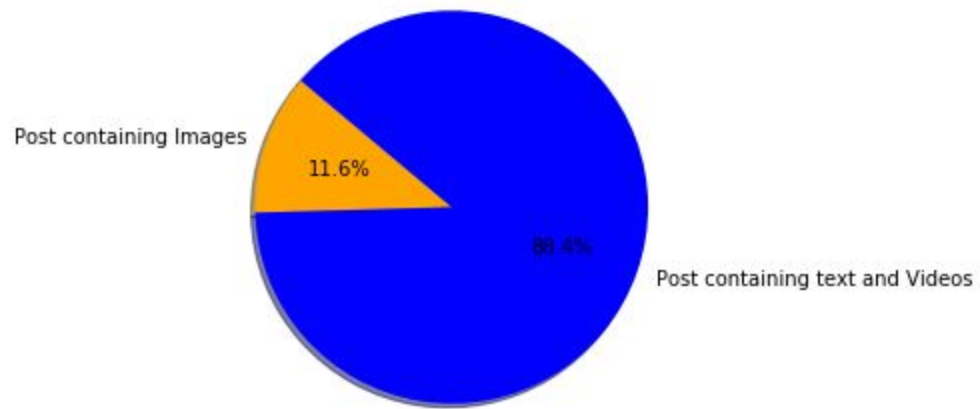'BJPSankalpPatr2019' => 51
 'MainBhiChowkidar' => 28
 'IsBaarNaMoPhirSe'=> 17
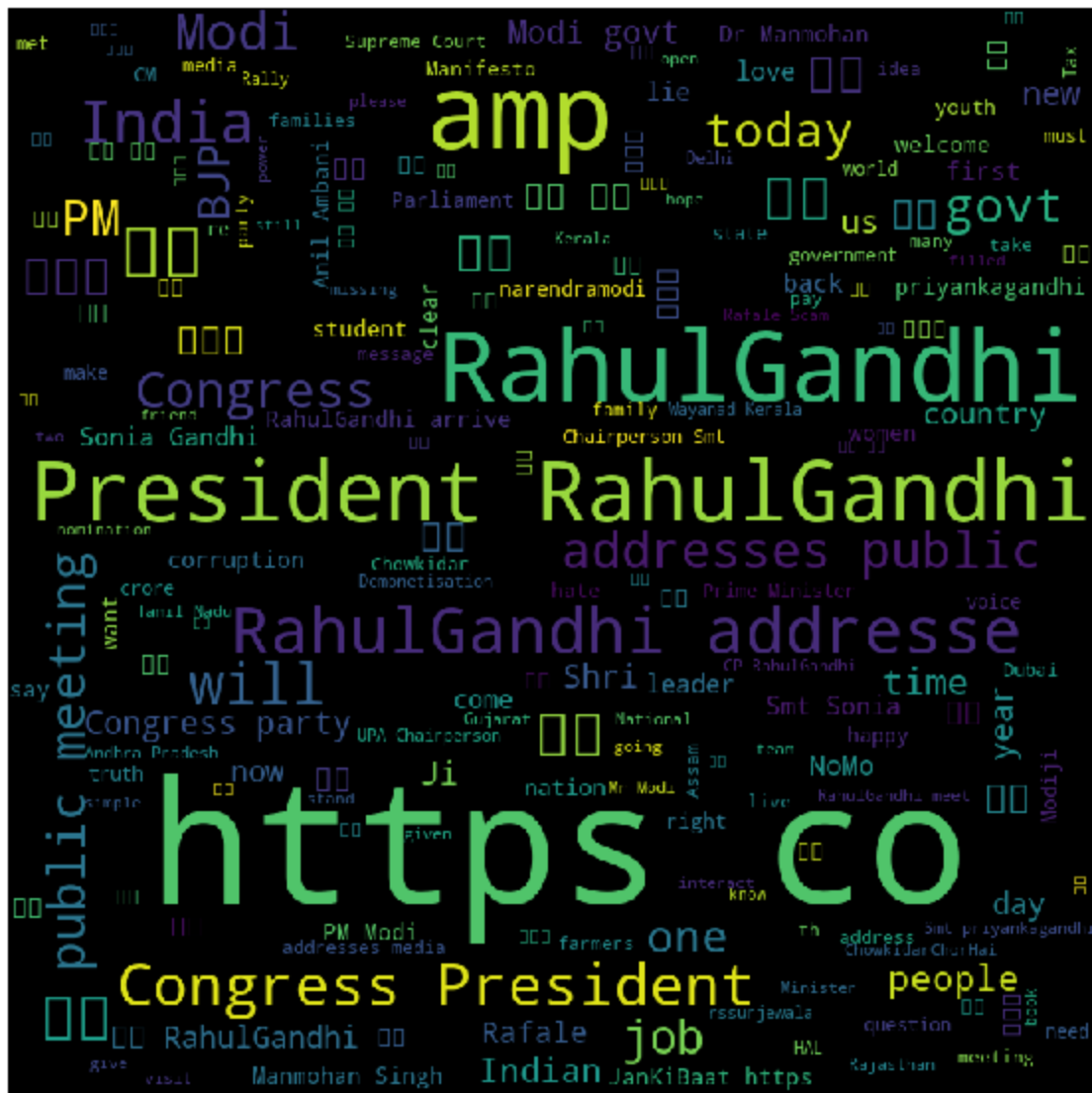 'DeshKeLiyeModi'=> 17
'BJPVijaySankalpBikeRally'=>17

Q-2
A.

Post containing Images

11.6%

88.4%

Post containing text and Videos

B.

President Rahul Gandhi & Rahul Gandhi occurs maximum time. Reason -
He is president of Congress.
Congress, BJP, will etc words also come very frequently.

C. top 5 most used hashtags by the Congress''s official handle -
'RafaleScam' 24
 'JanKiBaat' 23
 'OneNationBillionIdeas' 22
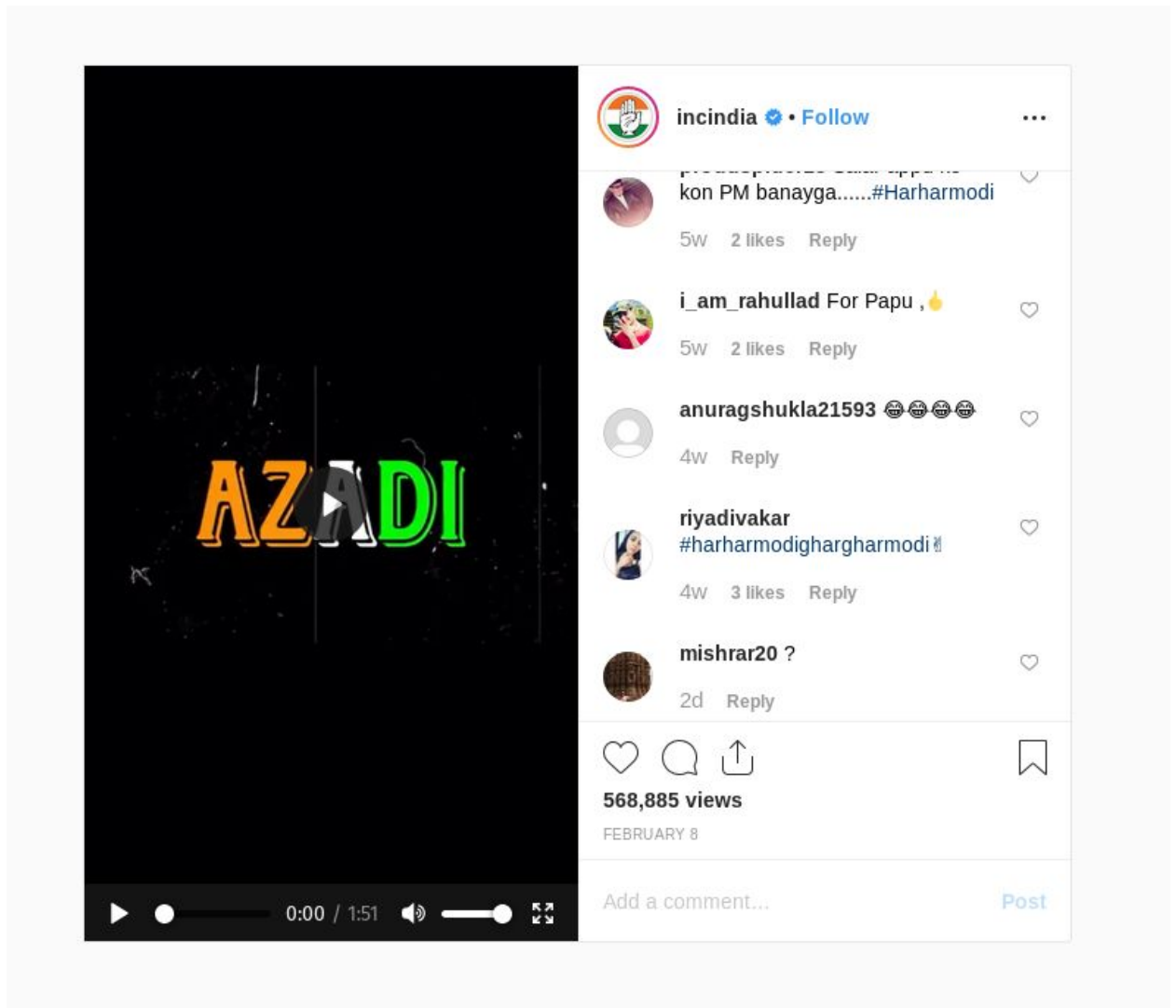'ChowkidarChorHai' 14

Part-2

Q-1

A. Most Likes:
https://www.instagram.com/incindia/p/Bs-lxK3FTl x/
Likes: 47.5k

Most Comments:

https://www.instagram.com/incindia/p/BtoT5MoFAL3/

Comments: 3902

B.

```
popularity = {}
for i in likes:
    popularity[i] = likes[i] + 3*comments[i]
sorted_like = sorted(popularity, key=popularity.get, reverse=True)
for i in range(5):
    print(popularity[sorted_like[i]],sorted_like[i],likes[sorted_like[i]],comments[sorted_like[i]])
```

```
49993.0 ['/p/Bs-IxK3FTIx/'] 47500.0 831
48737.0 ['/p/BrmutwOF63Y/'] 46400.0 779
44917.0 ['/p/BrQDi4VFI2-/'] 40900.0 1339
43497.0 ['/p/Bvgd6WZlmsz/'] 41700.0 599
38267.0 ['/p/Bt6QHouleGN/'] 36800.0 489
```

C.

```
77 #Congress
41 #India
30 #NoMo
25 #modi
23 #BJP
```

Q-2

A. There 375 posts that consists of videos.

Post with Video 20.8% 79.2% Post with Images

B.

Narendramodi and bjp occurs most frequently because the Insta handle belongs to bjp and Narendramodi is the current face of BJP.

C.
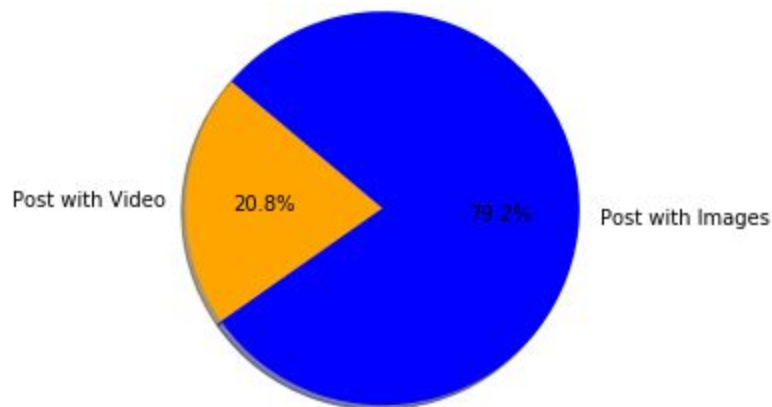
```
1020 #BJP
1000 #governance
80 #bjp
56 #india
39 #election
```

Q-3

   A.

First

Second:

vanessahudgens ✔ • Follow ···

vanessahudgens ✔ #ad My @sinfulcolors_official cosmic dreams collection is available for purchase on amazon now!
Super cute metallic and sparkles with a top coat that gives a gel like shine and finish. Hope u guys love it as much as i doooo ❤❤❤

4d

kylemassey ✔ GET IT SIS!!!!!!!!!!!!!! @vanessahudgens

4d   307 likes   Reply

—— View replies (14)

daniellepriano ✔ So gorgeous!!!!

Liked by **shubhisme** and **968,133 others**

4 DAYS AGO

Add a comment…   Post

Third:

Fourth:

Fifth:

Cumulative data:

Popularity Score: 980784.0 ID ['/p/BwKlgl6hopB/'] Likes: 972000.0 Comments: 2928
Popularity Score: 977248.0 ID ['/p/BwDmgAwhrsw/'] Likes: 967000.0 Comments: 3416
Popularity Score: 917827.0 ID ['/p/BwGF969hC1X/'] Likes: 892000.0 Comments: 8609
Popularity Score: 889230.0 ID ['/p/BwOKcJuFhAr/'] Likes: 882000.0 Comments: 2410
Popularity Score: 874922.0 ID ['/p/BwN9xjRn593/'] Likes: 854000.0 Comments: 6974

B.

Post with Multiple Images/Video

6.6%
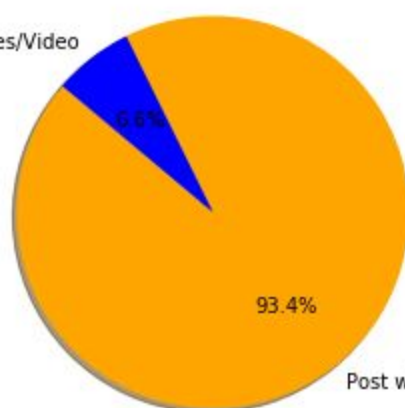
93.4%

Post with Single Image/Video