

BDP-Homework-4

Submitted-By:
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Part-1 : Working with Twitter Apis

1. Collect 3,200 most recent tweets from the BJP's official Twitter handle.

a) Most Liked Tweet:

Most liked tweet of BJP

=====
Date: 2019-03-27 12:48:20
=====

ID: 1110886268408233984
=====

Caption: Congress led UPA
Surgical Strike : Don't do it
Air Strike: Don't do it
A-SAT Missile: Don't do it

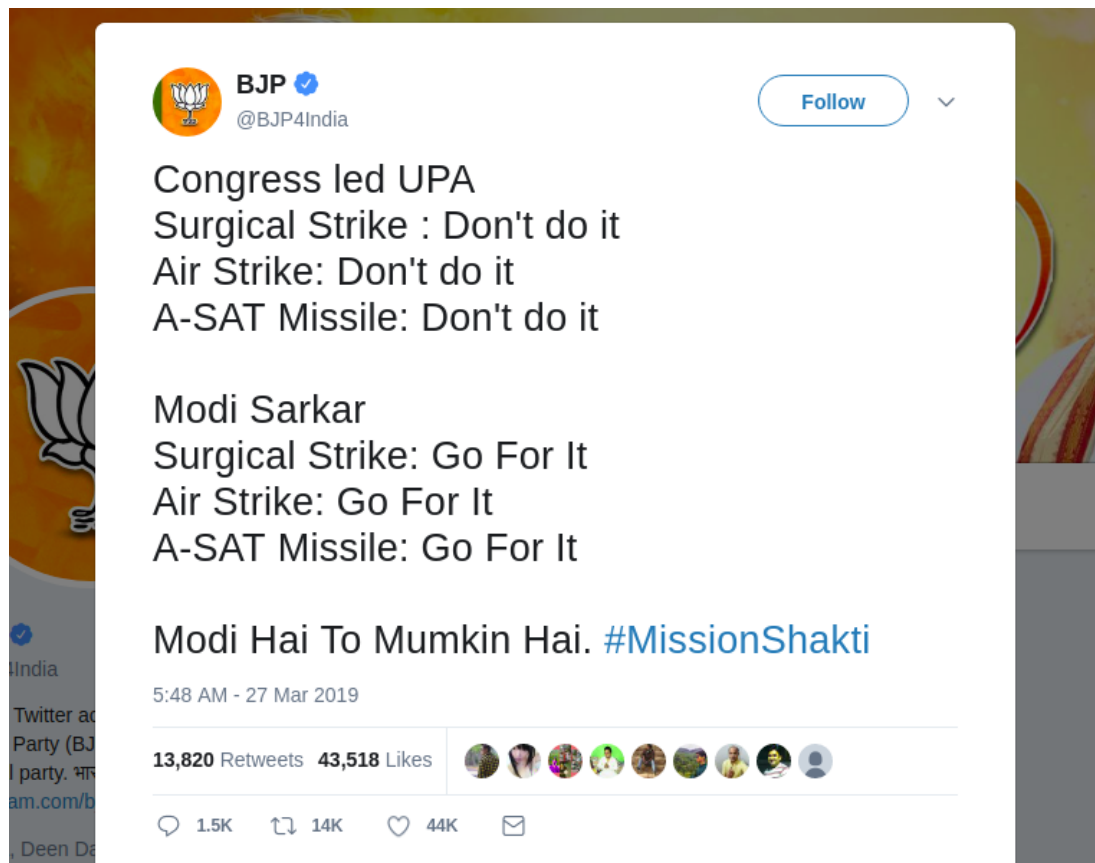
Modi Sarkar
Surgical Strike: Go For It
Air Strike: Go For It
A-SAT Missile: Go For It

Modi Hai To Mumkin Hai. #MissionShakti
=====

Likes: 43518
=====

Retweets: 13820
=====

URL: <https://twitter.com/statuses/1110886268408233984>



b) Tweets Most Retweeted:

Most Retweeted tweet of BJP

=====
Date: 2019-03-16 04:02:01
=====

ID: 1106767552351559680
=====

Caption: RT @narendramodi: Your Chowkidar is standing firm & serving the nation.

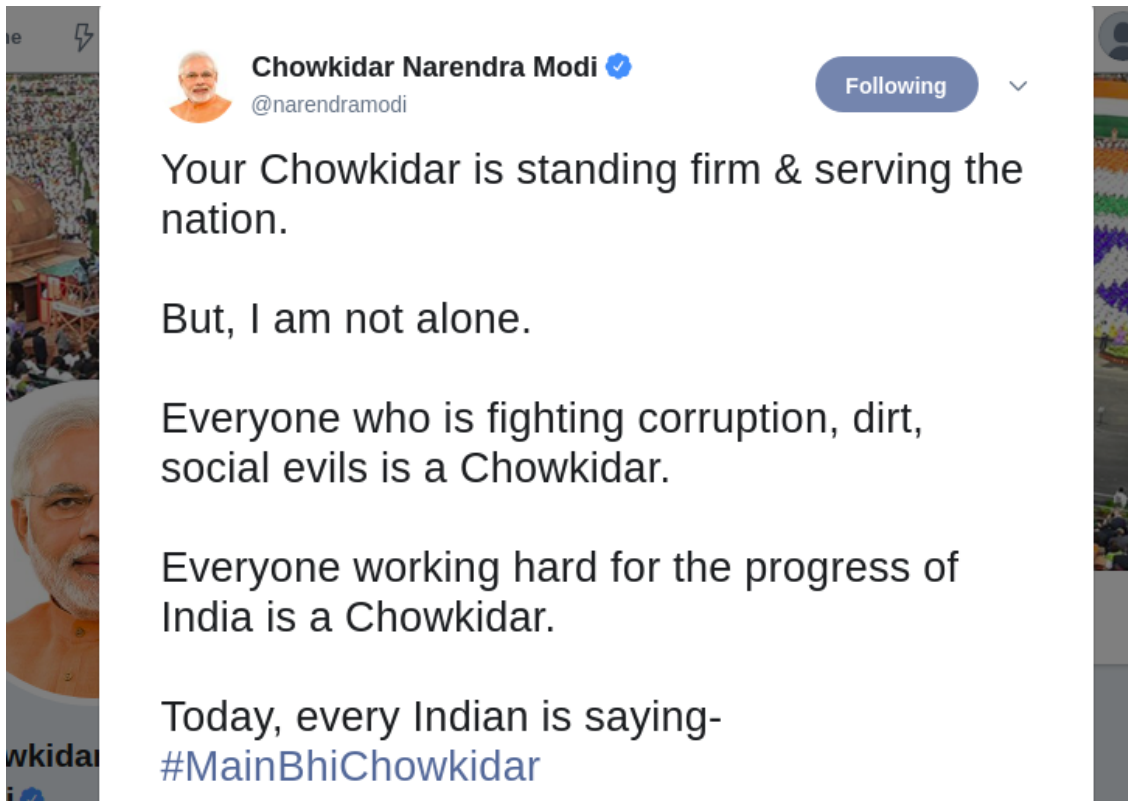
But, I am not alone.

Everyone who is fighting corruption, dirt, s...

=====
Likes: 0 (Because tweet's owner is @narendramodi, not @BJP4India)
=====

Retweets: 56321
=====

URL: <https://twitter.com/statuses/1106767552351559680>



c) Top 5 most popular tweets:

To retrieve most popular tweets we used the maximization solution, giving **more weightage** to “Retweet” count compared to that of “Likes” count.

$$\text{Popularity} = 2 \times (\text{retweet_count}) + \text{likes_count}$$

Tweet- 1 #####
=====

Date: 2019-03-16 04:02:01
=====

ID: 1106767552351559680
=====

Caption: RT @narendramodi: Your Chowkidar is standing firm
& serving the nation.
But, I am not alone.
Everyone who is fighting corruption, dirt, s...

Likes: 0 (Because tweet's owner is @narendramodi, not @BJP4India)
=====

Retweets: 56321
=====

URL: <https://twitter.com/statuses/1106767552351559680>

Tweet- 2 #####
=====

Date: 2019-04-06 11:50:30
=====

ID: 1114495595421376512
=====

Caption: आज तक ने प्रधानमंत्री श्री नरेन्द्र मोदी के भाषण पर दिखाई गलत खबर ।
आखिर क्यों? <https://t.co/U2KZlMFf7b>
=====

Likes: 38245
=====

Retweets: 18226
=====

URL: <https://twitter.com/statuses/1114495595421376512>

Tweet- 3 #####
=====

Date: 2019-03-27 12:48:20
=====

ID: 1110886268408233984
=====

Caption: Congress led UPA
Surgical Strike : Don't do it
Air Strike: Don't do it
A-SAT Missile: Don't do it

Modi Sarkar
Surgical Strike: Go For It
Air Strike: Go For It
A-SAT Missile: Go For It
Modi Hai To Mumkin Hai. #MissionShakti
=====

Likes: 43518
=====

Retweets: 13820
=====

URL: <https://twitter.com/statuses/1110886268408233984>

Tweet- 4 #####
=====

Date: 2019-03-27 07:14:39
=====

ID: 1110802295527079936
=====

Caption: RT @narendramodi: #MissionShakti is special for 2 reasons:
(1) India is only the 4th country to acquire such a specialised & modern capabil...
=====

Likes: 0 (Because tweet's owner is @narendramodi, not @BJP4India)
=====

Retweets: 35353
=====

URL: <https://twitter.com/statuses/1110802295527079936>

Tweet- 5 #####
=====

Date: 2019-03-27 06:00:53
=====

ID: 1110783731738927106
=====

Caption: 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...
=====

Likes: 0 (Because tweet's owner is @narendramodi, not @BJP4India)
=====

Retweets: 33080
=====

URL: <https://twitter.com/statuses/1110783731738927106>

d) Top 5 most used hashtags by the BJP's official handle:

Hashtag	Frequency
BJPSankalpPatr2019	139
IsBaarNaMoPhirSe	134
IsBaarPhirModi	123
IndiaWithNaMo	112
DeshKeLiyeModi	102

2. Collect 3,200 most recent tweets from the Indian National Congress' official Twitter handle.

a) Pie chart representing the share of images in the tweets as compared to videos and text-only tweets (INC).

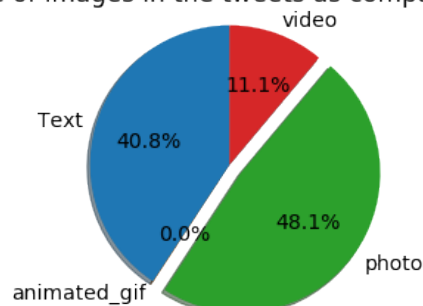
=====

Tweets consist of images : 1539/3200

=====

('Text', 'animated_gif', 'photo', 'video') [1305 1 1539 355]

Pie chart representing the share of images in the tweets as compared to videos and text-only tweets.



Words occurs most frequently

Reason: Most of the tweets talks about the president of congress “Rahul Gandhi” and his vision about developing india with public welfare.

[illegible]

Hashtag	Frequency
NammaRahulGandhi	56
ChowkidarChorHai	45
YoungIndiaRising	45
TelanganasProgressWithCongress	45
RafaleScam	44

Part-2 : Working with Instagram data using instaloader to scrape posts

1. Collect 500 most recent posts from the Indian National Congress' official Instagram handle.

a) Most Liked Post and Post with most comments:

Most Liked Post

=====

Indian National Congress's instagram Post with most number of Likes

=====

=====

Post ID: 1963045050868118065

=====

Post URL: <https://www.instagram.com/p/Bs-IxK3FTIx>

=====

Post Text: Congratulations to Priyanka Gandhi Vadra on becoming the #AICC General Secretary of #UP East. We're fired up and ready to go! .

#PriyankaGandhi #PGV #Politics #IndianPolitics #Congress #Democracy #WomenLeaders

=====

Post Likes: 47571

=====

Post Comments: 831

Instagram

Search



incindia • Follow



incindia Congratulations to Priyanka Gandhi Vadra on becoming the #AICC General Secretary of #UP East. We're fired up and ready to go! .



#PriyankaGandhi #PGV #Politics #IndianPolitics #Congress #Democracy #WomenLeaders

11w



your _____aman where family is everything !!! Hoping this to be the last generation of Gandhi family....



Like

Comment

Share



47,569 likes

JANUARY 23

Most Commented Post

Indian National Congress's instagram Post with most number of Comments

Post ID: 1974915930053149431

Post URL: <https://www.instagram.com/p/BtoT5MoFAL3>

Post Text: The most talked about video on social media!

Post Likes: 19040

Post Comments: 3908

stagram

Search



incindia • Follow

...

incindia डर के आगे आज़ादी | #Azadi



The most talked about video on social media!

8w



romishtomer Bkwas



4w Reply



mihir__mishra_ Papu chor he papu chor he 🤔🤔🤔🤔



4w Reply



568,793 views

FEBRUARY 8

b) 5 most popular posts

To retrieve most popular Instagram posts we used the maximization solution, giving **more weightage to “Likes” count compared to that of “Comments” count.**

$$\text{Popularity} = 2(\text{likes_count}) + \text{comments_count}$$

5 most Popular Posts Indian National Congress:

```
Post- 1 #####
=====
Post ID: 1963045050868118065
=====
Post URL: https://www.instagram.com/p/Bs-IxK3FTIx
=====
Post Text: Congratulations to Priyanka Gandhi Vadra on
becoming the #AICC General Secretary of #UP East. We're fired
up and ready to go! .
#PriyankaGandhi #PGV #Politics #IndianPolitics #Congress
#Democracy #WomenLeaders
=====
Post Likes: 47571
=====
Post Comments: 831

Post- 2 #####
=====
Post ID: 1938442143921581528
=====
Post URL: https://www.instagram.com/p/Brmutw0F63Y
=====
Post Text: The grace and charm of #SoniaGandhi captured
through the lens of #RajivGandhi!
.
#TBT #ThrowbackThursday
=====
Post Likes: 46398
=====
Post Comments: 777

Post- 3 #####
=====
Post ID: 2008736986937322291
=====
Post URL: https://www.instagram.com/p/Bvgd6WZlmsz
=====
```

Post Text: Congress President @rahulgandhi welcomes Smt. @urmilamatondkarofficial to the Congress Party.

.
.

#Congratulations #IndianNationalCongress

=====
Post Likes: 41738

=====
Post Comments: 599

Post- 4 #####

=====
Post ID: 1932059831226895806

=====
Post URL: <https://www.instagram.com/p/BrQDi4VFI2->

=====
Post Text: जनता की पुकार है, अब हमारी सरकार है, प्रचंड जीत का यह शंखनाद है

#CongressWinsBIG #Elections #Polls2018 #Victory #Congress
#RahulGandhi #Rajasthan #MadhyaPradesh #Chhattisgarh

=====
Post Likes: 40947

=====
Post Comments: 1339

Post- 5 #####

=====
Post ID: 1979965879694516621

=====
Post URL: <https://www.instagram.com/p/Bt6QHouleGN>

=====
Post Text: Congress President @rahulgandhi pays his respects to the fallen soldiers in the terrorist attack in #Pulwama. #CRPFJawans

=====
Post Likes: 36889

=====
Post Comments: 489

c) Top 5 most used hashtags by the INC's official handle.

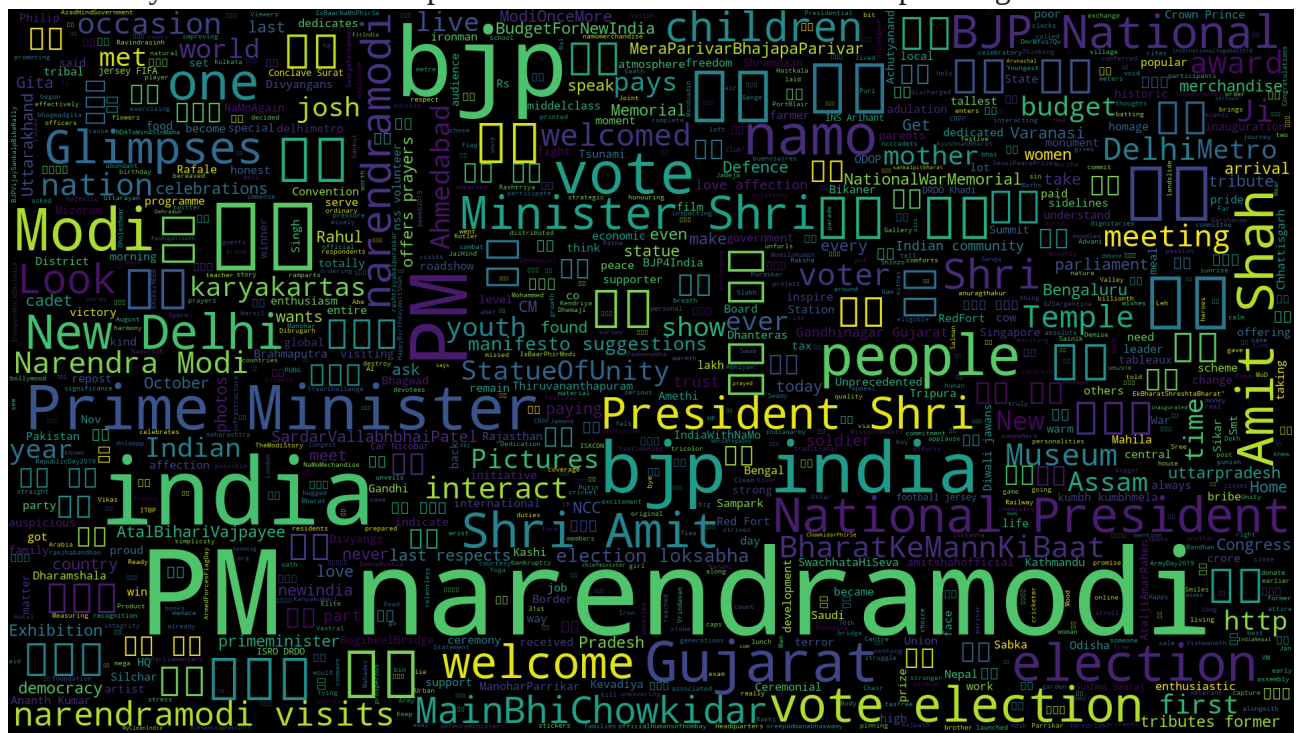
Hashtag	Frequency
Congress	78
India	41
NoMo	30
RahulGandhi	24
BJP	23

a) Posts consist of videos and pie chart representation?

Pie chart representing the share of images in the Posts as compared to videos.



Reason: Most of the tweets talks about the PM “Narendra Modi”. It has been observed that they are trying to gain the focus of the people by prepending “Chowkidar” in their twitter and instagram handle. They also talks about the public welfare to win their votes in upcoming elections.



c) Top 5 most used hashtags by the BJP's official handle.

Hashtag	Frequency
BJP	96
India	68
Election	39
Vote	34
Bharatkemankibaat	16

3. Collect 3,000 posts from Instagram's 'explore' feed (username = "thatsanuj")

a) 5 most popular posts

Post- 1 #####

=====
Post ID: 2019260130415095877

=====
Post URL: <https://www.instagram.com/p/BwF2mPegDBF>

=====
Post Text: Happy to come back and score another goal in this amazing competition. Well done team! #finoallafine

=====
Post Likes: 6011489

=====
Post Comments: 43738



Post- 2 #####

Post ID: 2016717092183950436

Post URL: <https://www.instagram.com/p/Bv80YKkFURk>

Post Likes: 5841079

Post Comments: 33697



Post- 3 #####

Post ID: 2017521019272340101

Post URL: https://www.instagram.com/p/Bv_rk2AnKKF

Post Text: 요워마고엘소엑

Post Likes: 2653681

Post Comments: 153731



oohsehun • Follow

oohsehun • 요워마고엘소엑
6d

rositasari07 Happy birthday, oppa ... success is always ... I always hope for the best for oppa
생일 축하 해요, 오빠 ... 성공은 항상 ... 나는 항상 최고의 오빠 희망 🎉🎉🎉🎉🎉🎉
@oohsehun

2d 1042 likes Reply

— View replies (4)

clceip 생일을 위해 결혼 합시다.💍❤️

2d 394 likes Reply

2,664,847 likes
6 DAYS AGO

Add a comment... Post

Post- 4 #####

Post ID: 2017651370228677049

Post URL: <https://www.instagram.com/p/BwAIzszD3m5>

Post Text: Helping out some fellow avengers with new fresh looks. I can now add make up artist to my powers.
@robertdowneyjr @renner4real @gwynethpaltrow #avengersendgame #marvel #picasso #presstour ? by world famous producer/director/writer/hair stylist @luca_vannella aka splinter

Post Likes: 2673731

Post Comments: 22274



chrishemsworth • Follow

chrishemsworth • Helping out some fellow avengers with new fresh looks. I can now add make up artist to my powers. @robertdowneyjr @renner4real @gwynethpaltrow #avengersendgame #marvel #picasso #presstour ? by world famous producer/director/writer/hair stylist @luca_vannella aka splinter

5d

renner4real • I see you Hemi ... I got mine at home 🤔

5d 33298 likes Reply

— View replies (125)

12,730,002 views
5 DAYS AGO

Post- 5 #####

=====
Post ID: 2017944128227062866
=====

=====
Post URL: <https://www.instagram.com/p/BwBLX47jzRS>
=====

=====
Post Text: Not really sure what we're doing in this photo but
watch @JimmyKimmelLive TONIGHT and find out ! #ABC #Kimmel
@JimmyKimmel @robertdowneyjr #paulrudd #scarlettjohansson
=====

=====
Post Likes: 2517602
=====

=====
Post Comments: 5070
=====



b) Pie chart comparing number of posts with just a single image/video in it, and number of posts with multiple images/videos in it.

Posts with single Image/Video: 2801
Posts with Muliple Images/Videos: 199

