Insta Bot-2

Question 1.1

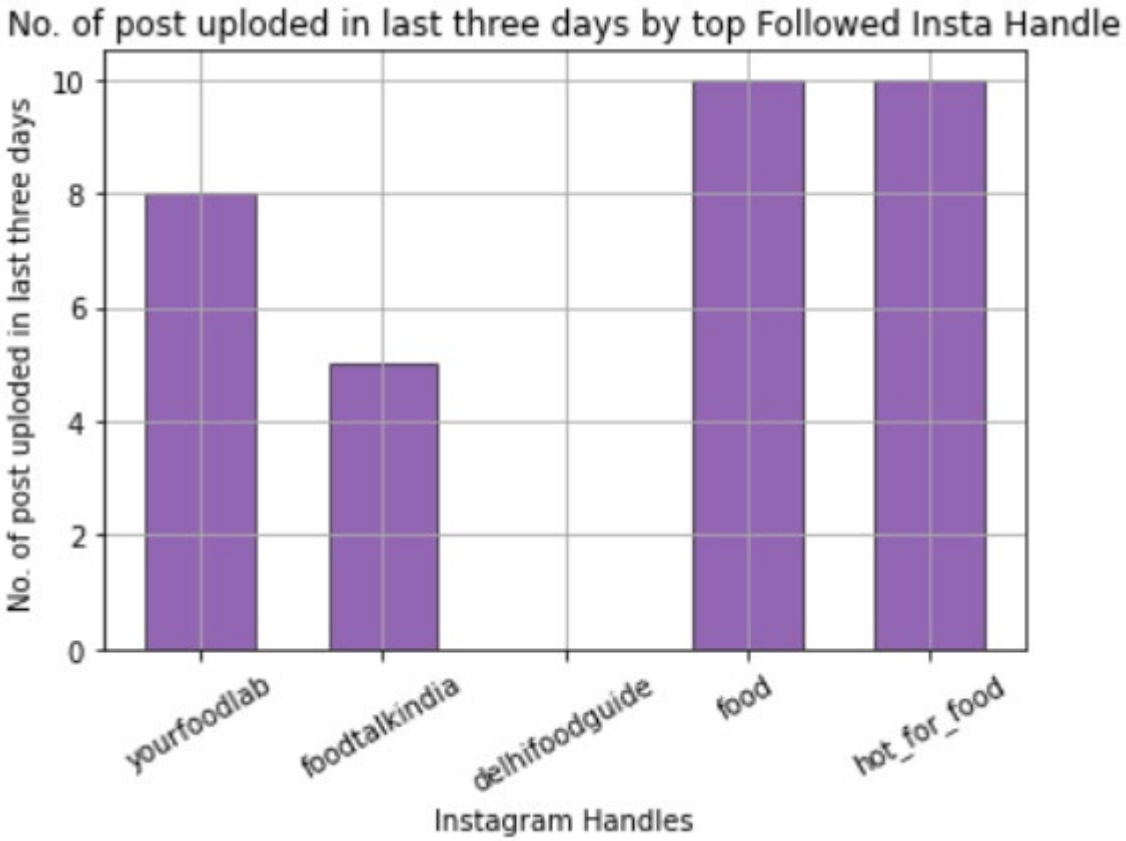
- Search food in the search box using xpath of the search box.
- Click on the search box by .click() method.
- Gather first insta handles as insta handles after searching food in search box.
- Searching the top 10 insta handles by appending them to base address www.instagram.com and sending the url to driver.get()
- After landing in the insta page no of followers of each insta handles are accessed by finding the xpath of the followers and and clicking over it
- Numbers of followers are stored in dictionary along with respective insta handle and top 5 handles are printed.

```
yourfoodlab 1406268
foodtalkindia 302383
food 79857
hot_for_food 67981
food.hangover_ 1243
```

Question 1.2

- Appending the base addres of top 5 handles found , redirecting driver to each of the handles by driver.get()
- Opening first post and checking when was it posted , if it was posted in last 3 days then count++ .
- After this click on next post and again check when was it posted. Break if it was posted more than 4 days ago
- Close the post after accessing all this info
- Same number of post uploaded in last 3 days in a list.

Question 1.3



- Most post are uploaded by handle
  Food
  Hot_for_ food
- Post in past 3 days by handles :

```
 yourfoodlab : 8
 foodtalkindia : 5
delhifoodguide : 0
food : 10
 hot_for_food : 10
```

Question 2.1

- Open the top 5 handles by appending the base address followed by handle name scrape content of the first 10 posts of each handle.
- scrape content of the first 10 posts of each handle. From the words scrapped store the word starting with hashtag.
- Opening first post and scrape all the words starting with # and store it in a list.
- After this click on next post and again repeat above task.

Question 2.2

- Store the word stored in list into a dictionary .
- This ill give the frequency of each word

Question 2.3

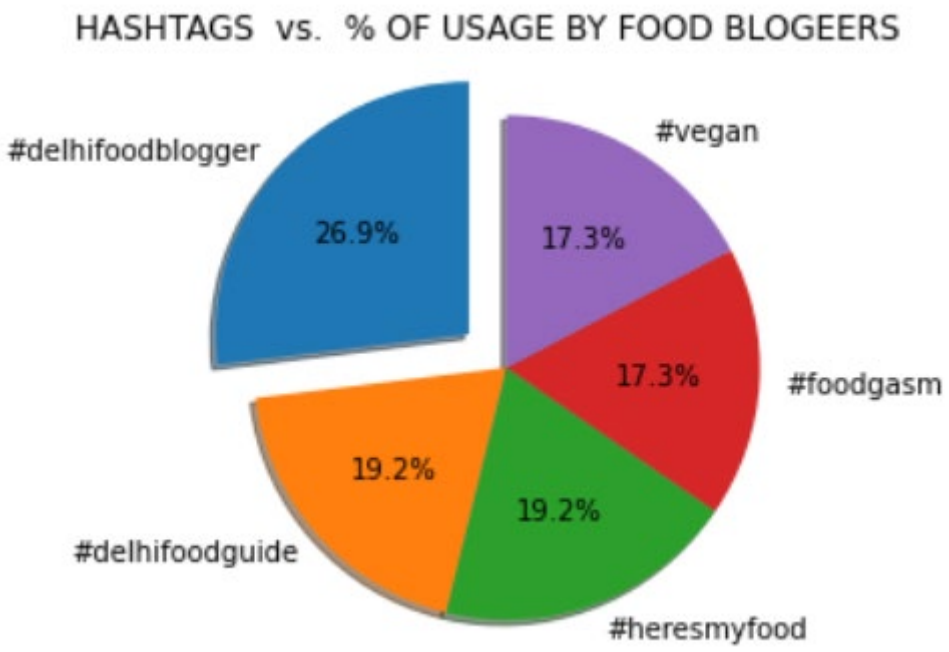
- Create list of list for each word and frequency in the dictionary.
- Then store it into a list
- Use pandas library to concert this list into a csv file
- Csv file is stored as hashtag_frequency.csv
- Remove the indexing in the csv file.

Question 2.4

- Sort the dictionary in descending order using
- Top 5 frequently used words and their frequency is:

```
'#delhifoodblogger': 14,
'#delhifoodguide': 10,
'#heresmyfood': 10,
'#foodgasm': 9,
'#vegan': 9
```

Question 2.5


HASHTAGS vs. % OF USAGE BY FOOD BLOGEERS
#delhifoodblogger
26.9%
#vegan
17.3%
17.3%
#foodgasm
19.2%
19.2%
#delhifoodguide
#heresmyfood

Question 3.1

- Open the top 5 handles by appending the base address followed by handle name scrape content of the first 10 posts of each handle.
- scrape number o likes of the first 10 posts of each handle and store it in a list.

Question 3.2

- Calculate the sum of the likes received by top 10 post .
- calculate the average likes per post by dividing sum of likes received by 10
- Average post like of top 5 handles are :

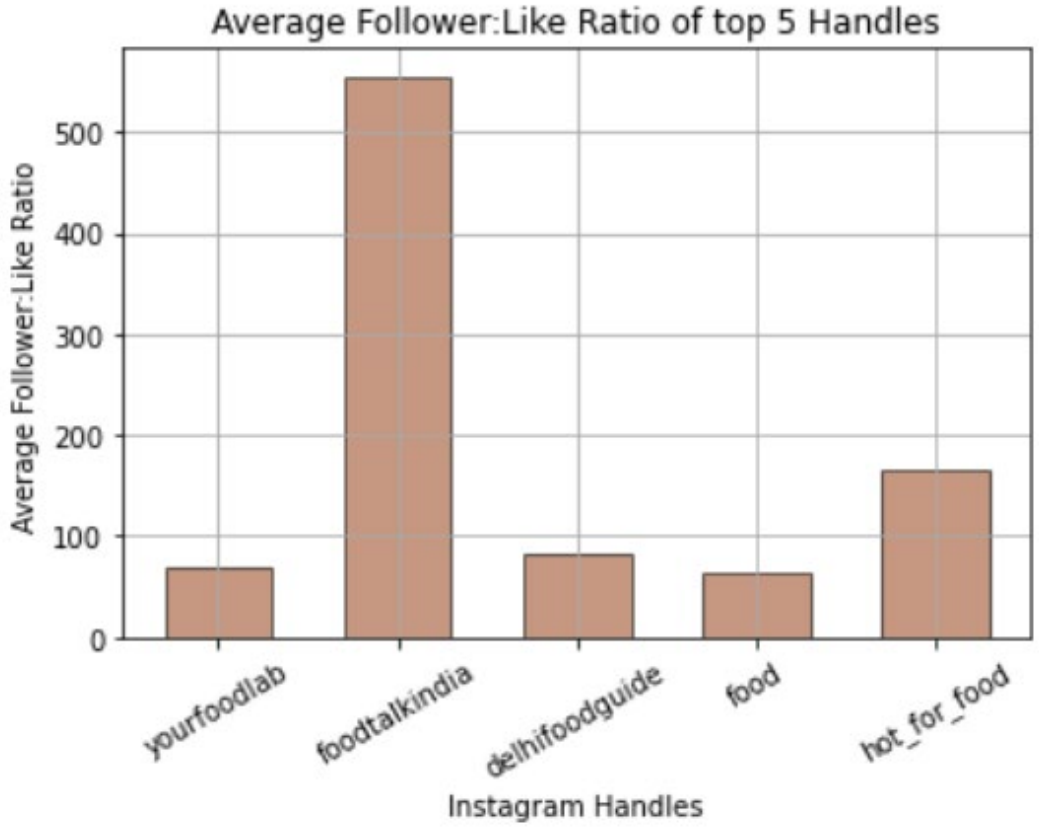
```
yourfoodlab 20496.2
foodtalkindia 544.6
delhifoodguide 1270.0
food 1250.0
hot_for_food 409.4
```

Question 3.3

- Divide the numbers of followers of each handle by the average like for each handle . calculated in the previous. Ques.
- average followers:like ratio of each handle.

```
yourfoodlab 68.72581258965076
foodtalkindia 555.2956298200514
delhifoodguide 82.5220472440945
food 64.3
hot_for_food 166.19931607230095
```

Question 3.4



- Highest average followers:like ratio is for handle foodtalkindia.