Twitter-Bot

Created by: Thummar Harsh

Important Links:

Github: https://github.com/harsh-thummar-146/Twitter-bot-project

Google collab: https://github.com/harsh-thummar-146/Twitter-bot-project/blob/main/Twitter_bot.ipynb

Goal:

Creating a twitter bot which takes Username and follower/following list from twitter and recreate username combining with number of followers and keep it updated as number of followers/following changes Even user is offline

I have deployed this project successfully on heroku

Eg)   final_username= 'old_username' + '56 followers'

Tools:

-Twitter Developer Account

-Twitter Account

-Google Colaboratory

-Heroku

Read me:

-To follow the instructions you must go to above GITHUB link and follow the steps as shown below

Instructions:

1) Write this code in google colaboratory and check wheather the output is generated or not
2) This code is in my google collab link above (Twitter-bot.ipynb)
3) Then upload a (app-tweet.py) file with this code in GITHUB project
4) Create read me file for the description
5) Create a requirement file where install tweepy library to run the python code
6) Lastly to execute this on heroku Create 'Procfile' and connect with heroku project
7) Deploy this code and get the output

The code :

importing different python libraries

import time

import tweepy

import os

Connection with developer account with these keys and values (this are like username and password)

consumer_key=os.getenv('consumer_key')

consumer_secret=os.getenv('consumer_secret')

access_token=os.getenv('access_token')

access_token_secret=os.getenv('access_token_secret')

Giving the authorization to the twitter developer account

auth = tweepy.OAuthHandler(consumer_key, consumer_secret)

auth.set_access_token(access_token, access_token_secret)

creating an api

api = tweepy.API(auth)

print('Authentication approved')

to get username from twitter and their activities and update the new username by this code

while True:

  user=api.get_user('@harsh14559937')

  u=user.friends_count

```
    api.update_profile(name=f'Harsh {u} following')
    print(f'Harsh {u} following')



    time.sleep(60)


### it is running in while loop so that it can update result as the followers changes
```

Output on google collab:

```
import time
import tweepy

auth = tweepy.OAuthHandler(consumer_key, consumer_secret)
auth.set_access_token(access_token, access_token_secret)

api = tweepy.API(auth)
print('Authentication approved')
while True:
  user=api.get_user('')
  u=user.friends_count
  api.update_profile(name=f'Harsh {u} following')
  print(f'Harsh {u} following')


  time.sleep(60)

## it is running in while loop so that it can update result as the followers changes
```

```
Harsh 16 following
Harsh 16 following
Harsh 16 following
Harsh 16 following
Harsh 16 following
Harsh 16 following
Harsh 16 following
Harsh 16 following
Harsh 16 following
```

Output on Heroku after successfully Deployed on server :