# -\*- coding: utf-8 -\*-

"""

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"""

import tweepy

import pandas as pd

import time

consumer\_key = "ixVDnwCugZOoTqzbGesgyYMvZ"

consumer\_secret = "VYwX9Siju0lYl4o5NyLvh4KbJIG8q61IdchfhV3fm5Sb1q3Jyn"

access\_token = "1210961845797830657-Ma72UwtT3u2uXVWp1NRZv9TWGEDeAu"

access\_token\_secret ="oQS6Bo2MqWO6Rr32OkcHKWrrvynjKJC6euTCriWhffKE3"

auth = tweepy.OAuthHandler(consumer\_key, consumer\_secret)

auth.set\_access\_token(access\_token, access\_token\_secret)

api = tweepy.API(auth,wait\_on\_rate\_limit=True)

tweets = []

def username\_tweets\_to\_csv(username,count):

try:

# Pulling individual tweets from query

for tweet in api.user\_timeline(id=username, count=count):

# Adding to list that contains all tweets

tweets.append((tweet.created\_at,tweet.id,tweet.text))

# Creation of dataframe from tweets list

tweetsdf = pd.DataFrame(tweets,columns=['Datetime', 'Tweet Id', 'Text'])

# Converting dataframe to CSV

tweetsdf.to\_csv('{}-tweets.csv'.format(username))

except BaseException as e:

print('failed on\_status,',str(e))

time.sleep(3)

tweets = []

def text\_query\_to\_csv(text\_query,count):

try:

# Pulling individual tweets from query

for tweet in api.search(q=text\_query, count=count):

# Adding to list that contains all tweets

tweets.append((tweet.created\_at,tweet.id,tweet.text))

# Creation of dataframe from tweets list

tweetsdf = pd.DataFrame(tweets,columns=['Datetime', 'Tweet Id', 'Text'])

# Converting dataframe to CSV

tweetsdf.to\_csv('{}-tweets.csv'.format(text\_query))

except BaseException as e:

print('failed on\_status,',str(e))

time.sleep(3)

# Max recent tweets pulls x amount of most recent tweets from that user

username = '@realDonaldTrump'

count = 150

# Calling function to turn username's past X amount of tweets into a CSV file

username\_tweets\_to\_csv(username, count)

# Input search query to scrape tweets and name csv file

# Max recent tweets pulls x amount of most recent tweets from that user

text\_query = 'USA Election 2020'

count = 150

# Calling function to query X amount of relevant tweets and create a CSV file

text\_query\_to\_csv(text\_query, count)