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import re
import tweepy
from tweepy import OAuthHandler
from textblob import TextBlob

class TwitterClient(object):
    def __init__(self):
        consumer_key = 'XXXXXXXXXXXXXXXXXXXXXXX'
        consumer_secret = 'XXXXXXXXXXXXXXXXXXXXXXX'
        access_token = 'XXXXXXXXXXXXXXXXXXXXXXX'
        access_token_secret = 'XXXXXXXXXXXXXXXXXXXXXXX'

        try:
            self.auth = OAuthHandler(consumer_key, consumer_secret)
            self.auth.set_access_token(access_token, access_token_secret)
            self.api = tweepy.API(self.auth)
        except:
            print("Error: Authentication Failed")

    def clean_tweet(self, tweet):
        return ' '.join(re.sub("(@[A-Za-z0-9]+)|([^0-9A-Za-z \t])|(\w+:\/\/\S+)", " ", tweet).split())

    def get_tweet_sentiment(self, tweet):
        analysis = TextBlob(self.clean_tweet(tweet))
        if analysis.sentiment.polarity > 0:
            return 'positive'
        elif analysis.sentiment.polarity == 0:
            return 'neutral'
        else:
            return 'negative'

    def get_tweets(self, query, count=10):
        tweets = []

        try:
            fetched_tweets = self.api.search(q=query, count=count)

            for tweet in fetched_tweets:
                parsed_tweet = {}
                parsed_tweet['text'] = tweet.text
                parsed_tweet['sentiment'] = self.get_tweet_sentiment(tweet.text)

                if tweet.retweet_count > 0:
                    if parsed_tweet not in tweets:
                        tweets.append(parsed_tweet)
                else:
                    tweets.append(parsed_tweet)

            return tweets

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        except tweepy.TweepError as e:
            print("Error: " + str(e))
def get_tweets(self, query, count=10):
    tweets = []

    try:
        fetched_tweets = self.api.search(q=query, count=count)

        for tweet in fetched_tweets:
            parsed_tweet = {}
            parsed_tweet['text'] = tweet.text
            parsed_tweet['sentiment'] = self.get_tweet_sentiment(tweet.text)

            if tweet.retweet_count > 0:
                if parsed_tweet not in tweets:
                    tweets.append(parsed_tweet)
            else:
                tweets.append(parsed_tweet)

        return tweets

    except Exception as e:
        print("Error: " + str(e))
```