

Sentiment analysis in Python 3

Load Libraries

```
In [16]: import nltk
from nltk.corpus import stopwords, twitter_samples
from nltk.sentiment import SentimentIntensityAnalyzer
from statistics import mean
from random import shuffle
from colorama import Fore
import nltk
nltk.download('vader_lexicon')
nltk.download('twitter_samples')
```

```
[nltk_data] Downloading package vader_lexicon to
[nltk_data] C:\Users\lenovo\AppData\Roaming\nltk_data...
[nltk_data] Package vader_lexicon is already up-to-date!
[nltk_data] Downloading package twitter_samples to
[nltk_data] C:\Users\lenovo\AppData\Roaming\nltk_data...
[nltk_data] Unzipping corpora\twitter_samples.zip.
```

Out[16]: True

//Load and test the VADER sentiment analyzer

```
In [17]: sia = SentimentIntensityAnalyzer()
sia.polarity_scores("NLTK is a great package to perform NLP.")
```

Out[17]: {'neg': 0.0, 'neu': 0.594, 'pos': 0.406, 'compound': 0.6249}

```
In [18]: green = Fore.GREEN
red = Fore.RED

def ispositive(tweet : str) -> bool:
    return sia.polarity_scores(tweet)["compound"] > 0

tweets = [tweet for tweet in twitter_samples.strings()]
shuffle(tweets)

for tweet in tweets[: 10]:
    color = green
    if not ispositive(tweet):
        color = red
    print(f"{color}{tweet}")
```

What a good read :)

<http://t.co/5UWZh015eo>

@gala_con Sry i have a question , where does the dresscode count , because i dont want to stand in front of closed doors and iam confused :(
i dearly miss and love my sunshine @zaynmalik :-(
@phillyc13 :(love you
@RosieTheRunt @InokumaT You poor little thing! But what a cutie! :))
I don't know how to find a balance :(((
I liked a @YouTube video from @kilarzvortex <http://t.co/sJmK2LZFXe> Stuffy Nose :((B02)

@LorSaguinsin you should study at McDo. Strong selfie games everywhere. :))
@ScriptedOne it's gonna be a longggg night :(
@Mehdi_Mustafa @Ali_SyedRaza
ROFL not going to happen, rest assured :D

In []: