

TEXT SENTIMENTAL ANALYSIS MODEL

For running this Python Code, pip '**vaderSentiment**' is need to be installed.

Run **Command Prompt** and type the following:

-----**pip install vaderSentiment**-----

Python Code:

```
from vaderSentiment.vaderSentiment import SentimentIntensityAnalyzer
```

```
def sentiment_scores(a):
```

```
    x=[input('HI, ENTER YOUR OWN POST:'),,]
```

```
    sid=SentimentIntensityAnalyzer()
```

```
    sentiment_dict=sid.polarity_scores(a)
```

```
    for a in x:
```

```
        print(a)
```

```
        boro=sid.polarity_scores(a)
```

```
    print()
```

```
    a=(boro.get('pos'))
```

```
    x=(a*100)
```

```
    happy=round(x,1)
```

```
    b=(boro.get('neu'))
```

```
    y=(b*100)
```

```
    neutral=round(y,1)
```

```
    c=(boro.get('neg'))
```

```
    z=(c*100)
```

```
    unhappy=round(z,1)
```

```
    if unhappy<30:
```

```
        m=(unhappy +(unhappy*0.1))
```

```
        sad=round(m,1)
```

```

else:

    m=(unhappy+(unhappy*(0.5)))

    sad=round(m,1)

print('Happy:',happy)

print('Neutral:',neutral)

print('Unhappy:',unhappy)

print('Sad:',sad)

sentiment_scores("TEXT SENTIMENT MODEL")

```

OUTPUT:

```

>>>
===== RESTART: E:\PROGRAMS\TASK\TextSentimentModel.py =====
HI, ENTER YOUR POST:I just attended a group wedding for people who have been waiting years to get married. Just wow!!
I just attended a group wedding for people who have been waiting years to get married. Just wow!!

Happy: 22.6
Neutral: 77.4
Unhappy: 0.0
Sad: 0.0
>>>
===== RESTART: E:\PROGRAMS\TASK\TextSentimentModel.py =====
HI, ENTER YOUR POST:Alone in the world
Alone in the world

Happy: 0.0
Neutral: 60.0
Unhappy: 40.0
Sad: 60.0
>>>
===== RESTART: E:\PROGRAMS\TASK\TextSentimentModel.py =====
HI, ENTER YOUR POST:Because sometimes taking a pic in the bathroom just seems like the right thing to do
Because sometimes taking a pic in the bathroom just seems like the right thing to do

Happy: 15.2
Neutral: 84.8
Unhappy: 0.0
Sad: 0.0
>>>
===== RESTART: E:\PROGRAMS\TASK\TextSentimentModel.py =====
HI, ENTER YOUR POST:No matter how hard I try, my everything will never be enough
No matter how hard I try, my everything will never be enough

Happy: 8.7
Neutral: 63.0
Unhappy: 28.3
Sad: 31.1
>>>

```

Post 1: *I just attended a group wedding for people who have been waiting years to get married. Just wow!!*

Post 2: *Alone in the world*