

Experiment 6 - Sentiment Analysis

```
!pip install vaderSentiment
```

```
Requirement already satisfied: vaderSentiment in c:\users\tanvi\anaconda3\lib\site-packages (3.3.2)
Requirement already satisfied: requests in c:\users\tanvi\anaconda3\lib\site-packages (from vaderSentiment) (2.28.1)
Requirement already satisfied: charset-normalizer<3,>=2 in c:\users\tanvi\anaconda3\lib\site-packages (from requests->vaderSen
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\users\tanvi\anaconda3\lib\site-packages (from requests->vaderSentim
Requirement already satisfied: certifi>=2017.4.17 in c:\users\tanvi\anaconda3\lib\site-packages (from requests->vaderSentiment
Requirement already satisfied: idna<4,>=2.5 in c:\users\tanvi\anaconda3\lib\site-packages (from requests->vaderSentiment) (3.3
```

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

```
sentiment = SentimentIntensityAnalyzer()
```

```
text_1 = "I wish i could go to the Taylor Swift concert."
```

```
text_2 = "I hate Andrew Tate"
```

```
text_3 = "The Nile is a river in Egypt"
```

```
text_4 = "I loved the new marvel movie"
```

```
sent_1 = sentiment.polarity_scores(text_1)
```

```
sent_2 = sentiment.polarity_scores(text_2)
```

```
sent_3 = sentiment.polarity_scores(text_3)
```

```
sent_4 = sentiment.polarity_scores(text_4)
```

```
print("Sentiment of text 1:", sent_1)
```

```
print("Sentiment of text 2:", sent_2)
```

```
print("Sentiment of text 3:", sent_3)
```

```
print("Sentiment of text 4:", sent_4)
```



```
Sentiment of text 1: {'neg': 0.0, 'neu': 0.64, 'pos': 0.36, 'compound': 0.5423}
Sentiment of text 2: {'neg': 0.552, 'neu': 0.448, 'pos': 0.0, 'compound': -0.5719}
Sentiment of text 3: {'neg': 0.0, 'neu': 1.0, 'pos': 0.0, 'compound': 0.0}
Sentiment of text 4: {'neg': 0.0, 'neu': 0.374, 'pos': 0.626, 'compound': 0.7717}
```