Real Time Sentiment Analysis

March 13, 2023

1 Real-Time Sentiment Analysis

1.0.1 Importing Dependensies

```python
from nltk.sentiment.vader import SentimentIntensityAnalyzer
import nltk
nltk.download('vader_lexicon')
```

```
[nltk_data] Downloading package vader_lexicon to
[nltk_data]     C:\Users\USER\AppData\Roaming\nltk_data…
[nltk_data]   Package vader_lexicon is already up-to-date!
```

```
True
```

1.0.2 Sentiment Analyser

```python
user_review = input('Please Rate Our Service: ')
sia = SentimentIntensityAnalyzer()
score = sia.polarity_scores(user_review)
print(score)
```

```
{'neg': 1.0, 'neu': 0.0, 'pos': 0.0, 'compound': -0.5423}
```

1.0.3 Final Prediction

```python
user_review = input('Please Rate Our Service: ')
sia = SentimentIntensityAnalyzer()
scores = sia.polarity_scores(user_review)


sentiments_score = [scores['neg'],scores['neu'],scores['pos']]

if sentiments_score[0]  > sentiments_score[2]:
    print('Negative')
elif sentiments_score[2]  > sentiments_score[0]:
    print('Positive')
else:
    print('Neutral')
```

```
Neutral
```