

# Sentiment analysis and polarity detection

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HU22CSEN0100999

```
[3] from textblob import TextBlob
import nltk
nltk.download('stopwords')
```

[nltk\_data] Downloading package stopwords to /root/nltk\_data...

[nltk\_data] Unzipping corpora/stopwords.zip.

True

```
def get_sentiment(sentence):
    blob=TextBlob(sentence)
    polarity=blob.sentiment.polarity
    subjectivity=blob.sentiment.subjectivity
    return polarity,subjectivity

sentence=input("enter the sentence:")
polarity,subjectivity = get_sentiment(sentence)
print(f"Polrity of the sentence : {polarity}")
print(f"Subjectivity of the sentence {subjectivity}")
```

enter the sentence:i am not feeling well

Polrity of the sentence : 0.0

Subjectivity of the sentence 0.0

✓ 13s completed at 8:48 AM

```
def get_sentiment(sentence):
    blob=TextBlob(sentence)
    polarity=blob.sentiment.polarity
    subjectivity=blob.sentiment.subjectivity
    return polarity,subjectivity

sentence=input("enter the sentence:")
polarity,subjectivity = get_sentiment(sentence)
print(f"Polrity of the sentence : {polarity}")
print(f"Subjectivity of the sentence {subjectivity}")
```

enter the sentence:THIS IS THE WORST PRODUCT

Polrity of the sentence : -1.0

Subjectivity of the sentence 1.0

```
def get_sentiment(sentence):
    blob=TextBlob(sentence)
    polarity=blob.sentiment.polarity
    subjectivity=blob.sentiment.subjectivity
    return polarity,subjectivity

sentence=input("enter the sentence:")
polarity,subjectivity = get_sentiment(sentence)
print(f"Polrity of the sentence : {polarity}")
print(f"Subjectivity of the sentence {subjectivity}")
```

enter the sentence:THIS IS THE GOOD PRODUCT

Polrity of the sentence : 0.7

Subjectivity of the sentence 0.6000000000000001

✓ 6s



```
def get_sentiment(sentence):
    blob=TextBlob(sentence)
    polarity=blob.sentiment.polarity
    subjectivity=blob.sentiment.subjectivity
    return polarity,subjectivity

sentence=input("enter the sentence:")
polarity,subjectivity = get_sentiment(sentence)
print(f"Polrity of the sentence : {polarity}")
print(f"Subjectivity of the sentence {subjectivity}")
```



```
enter the sentence:it si ok
Polrity of the sentence : 0.5
Subjectivity of the sentence 0.5
```

✓ 17s



```
def get_sentiment(sentence):
    blob=TextBlob(sentence)
    polarity=blob.sentiment.polarity
    subjectivity=blob.sentiment.subjectivity
    return polarity,subjectivity

sentence=input("enter the sentence:")
polarity,subjectivity = get_sentiment(sentence)
print(f"Polrity of the sentence : {polarity}")
print(f"Subjectivity of the sentence {subjectivity}")
```



```
enter the sentence:it is neither bad nor good
Polrity of the sentence : 5.551115123125783e-17
Subjectivity of the sentence 0.6333333333333333
```

✓ 5s



```
def get_sentiment(sentence):
    blob=TextBlob(sentence)
    polarity=blob.sentiment.polarity
    subjectivity=blob.sentiment.subjectivity
    return polarity,subjectivity

sentence=input("enter the sentence:")
polarity,subjectivity = get_sentiment(sentence)
print(f"Polrity of the sentence : {polarity}")
print(f"Subjectivity of the sentence {subjectivity}")
```



```
enter the sentence:it is normal
Polrity of the sentence : 0.15
Subjectivity of the sentence 0.6499999999999999
```

✓  
15s



```
def get_sentiment(sentence):  
    blob=TextBlob(sentence)  
    polarity=blob.sentiment.polarity  
    subjectivity=blob.sentiment.subjectivity  
    return polarity,subjectivity  
  
sentence=input("enter the sentence:")  
polarity,subjectivity = get_sentiment(sentence)  
print(f"Polrity of the sentence : {polarity}")  
print(f"Subjectivity of the sentence {subjectivity}")
```



```
enter the sentence:it is neutral  
Polrity of the sentence : 0.0  
Subjectivity of the sentence 0.0
```