```
!pip install nltk
```

```
Requirement already satisfied: nltk in /usr/local/lib/python3.10/dist-packages (3.8.1)
Requirement already satisfied: click in /usr/local/lib/python3.10/dist-packages (from nltk) (8.1.7)
Requirement already satisfied: joblib in /usr/local/lib/python3.10/dist-packages (from nltk) (1.3.2)
Requirement already satisfied: regex>=2021.8.3 in /usr/local/lib/python3.10/dist-packages (from nltk) (2023.6.3)
Requirement already satisfied: tqdm in /usr/local/lib/python3.10/dist-packages (from nltk) (4.66.1)
```

```
import nltk
nltk.download('punkt')
nltk.download('wordnet')
nltk.download('averaged_perceptron_tagger')
nltk.download('stopwords')
nltk.download('maxent_ne_chunker')
nltk.download('words')
```

```
[nltk_data] Downloading package punkt to /root/nltk_data...
[nltk_data]    Unzipping tokenizers/punkt.zip.
[nltk_data] Downloading package wordnet to /root/nltk_data...
[nltk_data] Downloading package averaged_perceptron_tagger to
[nltk_data]       /root/nltk_data...
[nltk_data]    Unzipping taggers/averaged_perceptron_tagger.zip.
[nltk_data] Downloading package stopwords to /root/nltk_data...
[nltk_data]    Unzipping corpora/stopwords.zip.
[nltk_data] Downloading package maxent_ne_chunker to
[nltk_data]       /root/nltk_data...
[nltk_data]    Unzipping chunkers/maxent_ne_chunker.zip.
[nltk_data] Downloading package words to /root/nltk_data...
[nltk_data]    Unzipping corpora/words.zip.
True
```

```
from nltk.tokenize import sent_tokenize, word_tokenize
text = "Natural language i love you so much daarling is such as text classification, sentiment analysis, and more. The sent_tokenize function uses
sentences = sent_tokenize(text)
print(sentences)
words = word_tokenize(text)
print(words)
```

```
['Natural language i love you so much daarling is such as text classification, sentiment analysis, and more.', 'The sent_tokenize function use
['Natural', 'language', 'i', 'love', 'you', 'so', 'much', 'daarling', 'is', 'such', 'as', 'text', 'classification', ',', 'sentiment', 'analysi
```