

▼ Parts of Speech

▼ Tag|Meaning|English Examples

ADJ|adjective|new, good, high, special, big, local

ADP|adposition|on, of, at, with, by, into, under

ADV|adverb|really, already, still, early, now

CONJ|conjunction|and, or, but, if, while, although

DET|determiner, article|the, a, some, most, every, no, which

NOUN|noun|year, home, costs, time, Africa

NUM|numeral|twenty-four, fourth, 1991, 14:24

PRT|particle|at, on, out, over per, that, up, with

PRON|pronoun|he, their, her, its, my, I, us

VERB|verb|is, say, told, given, playing, would

.|punctuation marks|. , ; !

X|other|ersatz, esprit, dunno, gr8, univeristy

```
text = "Myself Chirag from VCET college . Studying in FINAL year . With specialization in I
```

▼ Importing necessary dependencies

```
import nltk
nltk.download('punkt')
nltk.download('averaged_perceptron_tagger')
nltk.download('universal_tagset')
from nltk.tokenize import word_tokenize

[nltk_data] Downloading package punkt to /root/nltk_data...
[nltk_data] Package punkt is already up-to-date!
[nltk_data] Downloading package averaged_perceptron_tagger to
[nltk_data] /root/nltk_data...
[nltk_data] Package averaged_perceptron_tagger is already up-to-
[nltk_data] date!
[nltk_data] Downloading package universal_tagset to /root/nltk_data...
[nltk_data] Unzipping taggers/universal_tagset.zip.
```

▼ Word Tokenization


```
words = word_tokenize(text)
```

▼ Parts of Speech Tagging

```
tagged_words = nltk.pos_tag(words, tagset = 'universal')
```

```
tagged_words
```

```
[('Myself', 'PRON'),  
 ('Chirag', 'NOUN'),  
 ('from', 'ADP'),  
 ('VCET', 'NOUN'),  
 ('college', 'NOUN'),  
 ('.', '.'),  
 ('Studying', 'VERB').
```