

```
import spacy

def pos_tagging(text):
    """
    Perform part-of-speech tagging on the given text using SpaCy.

    Args:
        text (str): The input text to be POS tagged.

    Returns:
        list: A list of tuples with each word and its corresponding POS tag.
    """
    nlp = spacy.load('en_core_web_sm')
    doc = nlp(text)
    pos_tags = [(token.text, token.pos_) for token in doc]
    return pos_tags

sentence = 'NLP is amazing and fun to learn.'
pos_tags = pos_tagging(sentence)
print("Part-of-speech tags:")
for word, pos in pos_tags:
    print(f"{word}: {pos}")
```

↔ Part-of-speech tags:

NLP:	PROPN
is:	AUX
amazing:	ADJ
and:	CCONJ
fun:	ADJ
to:	PART
learn:	VERB
.	PUNCT

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