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Code


```

•[12]: !python -m spacy download en_core_web_sm #LMS DAY-13(197)
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}")
  
```

Collecting en-core-web-sm==3.8.0

Downloading https://github.com/explosion/spacy-models/releases/download/en_core_web_sm

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