```
In [1]: import nltk
         nltk.download('punkt')
         nltk.download('averaged_perceptron_tagger')
        C:\Users\pronn\anaconda3\lib\site-packages\scipy\__init__.py:155: UserWarning: A N
        umPy version >=1.18.5 and <1.25.0 is required for this version of SciPy (detected
        version 1.26.0
          warnings.warn(f"A NumPy version >={np_minversion} and <{np_maxversion}"</pre>
         [nltk_data] Downloading package punkt to
                       C:\Users\pronn\AppData\Roaming\nltk_data...
         [nltk_data]
         [nltk_data] Package punkt is already up-to-date!
         [nltk_data] Downloading package averaged_perceptron_tagger to
         [nltk_data] C:\Users\pronn\AppData\Roaming\nltk_data...
         [nltk_data] Unzipping taggers\averaged_perceptron_tagger.zip.
Out[1]:
In [2]: from nltk.tokenize import word_tokenize
         sentence = input("Enter a text: ")
        words = word_tokenize(sentence)
        Enter a text: We are living in an era where data is being generated at a significa
        ntly fast pace.
In [3]: from nltk import pos_tag
        tags = pos_tag(words)
In [4]: import nltk
         from nltk.tokenize import word_tokenize
         from nltk import pos_tag
         # DownLoad NLTK data
         nltk.download('punkt')
         nltk.download('averaged_perceptron_tagger')
         # Tokenize the sentence
         words = word_tokenize(sentence)
         # Perform part-of-speech tagging
         tags = pos tag(words)
         # Print the tagged words and their tags
         for word, tag in tags :
             print(f"{word} : {tag}")
```

```
We : PRP
        are: VBP
        living: VBG
        in : IN
        an : DT
        era: NN
        where : WRB
        data: NN
        is: VBZ
        being : VBG
        generated : VBN
        at : IN
        a : DT
        significantly : RB
        fast : JJ
        pace : NN
        . : .
        [nltk_data] Downloading package punkt to
                      C:\Users\pronn\AppData\Roaming\nltk_data...
        [nltk_data]
        [nltk_data]
                     Package punkt is already up-to-date!
        [nltk_data] Downloading package averaged_perceptron_tagger to
        [nltk_data] C:\Users\pronn\AppData\Roaming\nltk_data...
        [nltk_data]
                      Package averaged_perceptron_tagger is already up-to-
        [nltk_data]
                          date!
In [5]: import nltk
        from nltk.tokenize import word_tokenize
        from nltk import pos tag
        # DownLoad NLTK data
        nltk.download('punkt')
        nltk.download('averaged_perceptron_tagger')
        # Tokenize the sentence
        words = word_tokenize(sentence)
        # Perform part-of-speech tagging
        tags = pos_tag(words)
        # Print the tagged words and their tags
        for word, tag in tags :
            print(f"{word} : {tag}")
        We : PRP
        are : VBP
        living: VBG
        in : IN
        an : DT
        era: NN
        where : WRB
        data : NN
        is : VBZ
        being : VBG
        generated : VBN
        at : IN
        a : DT
        significantly: RB
        fast : JJ
        pace: NN
        . : .
```

Spacy