

```
In [1]: pip install wordcloud matplotlib
```

```
(https://files.pythonhosted.org/packages/66/65/ab565dce8511b01ba562526cfc57f2f257729e25937fdcc63f3a1a67f9/wordcloud-1.9.4-cp311-cp311-win_amd64.whl.metadata)
```

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Downloading wordcloud-1.9.4-cp311-cp311-win_amd64.whl.metadata (3.5 k
B)

```

```
Requirement already satisfied: matplotlib in c:\users\welcome\anaconda3\lib\site-packages (3.7.1)
```

Requirement already satisfied: numpy>=1.6.1 in c:\users\welcome\anaconda3\lib\site-packages (from wordcloud) (1.24.3)

Requirement already satisfied: pillow in c:\users\welcome\anaconda3\lib\site-packages (from wordcloud) (9.4.0)

Requirement already satisfied: contourpy>=1.0.1 in c:\users\welcome\anaconda3\lib\site-packages (from matplotlib) (1.0.5)

Requirement already satisfied: cycler>=0.10 in c:\users\welcome\anaconda3\lib\site-packages (from matplotlib) (0.11.0)

Requirement already satisfied: fonttools>=4.22.0 in c:\users\welcome\anaconda3\lib\site-packages (from matplotlib) (4.25.0)

Requirement already satisfied: kiwisolver>=1.0.1 in c:\users\welcome\anaconda3\lib\site-packages (from matplotlib) (1.4.4)

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Requirement already satisfied: packaging>=20.0 in c:\users\welcome\anaconda3\lib\site-packages (6.3.2)
```

```
In [2]: from wordcloud import WordCloud
import matplotlib.pyplot as plt
```

```
# Sample text
```

```
text = "Natural Language Processing helps computers understand human language"
```

```
# Create a WordCloud object
```

```
wordcloud = WordCloud(width=800, height=400, background_color="white").gene
```

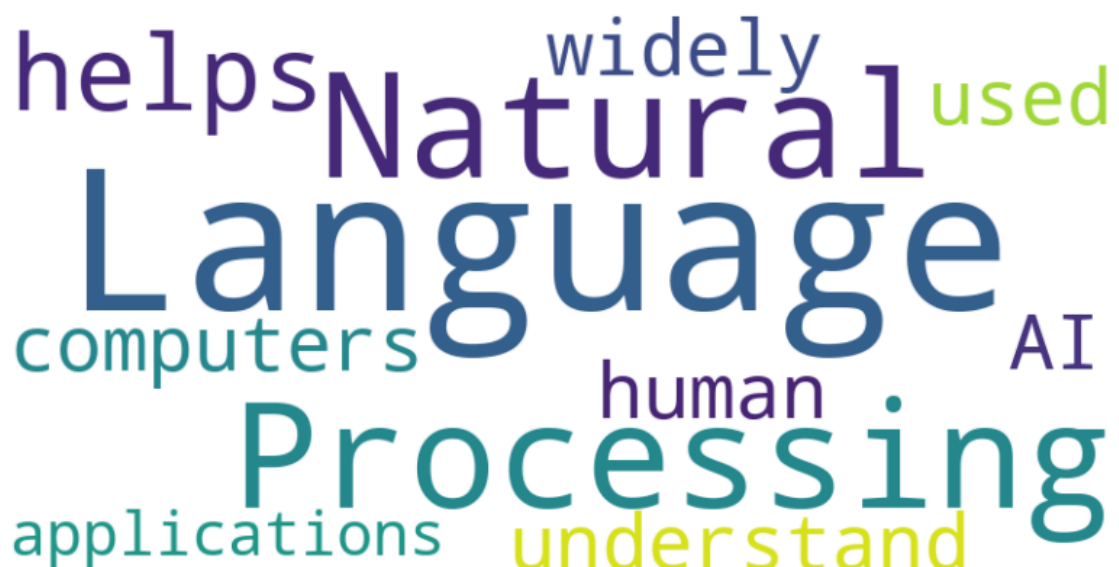
```
# Display the Word Cloud using Matplotlib
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```
plt.figure(figsize=(10, 5))
```

```
plt.imshow(wordcloud, interpolation="bilinear")
```

```
plt.axis("off") # Hide axes
```

```
plt.show()
```



```
In [ ]: Name : Neha Jadhav  
Roll no :13247  
Batch :B3
```