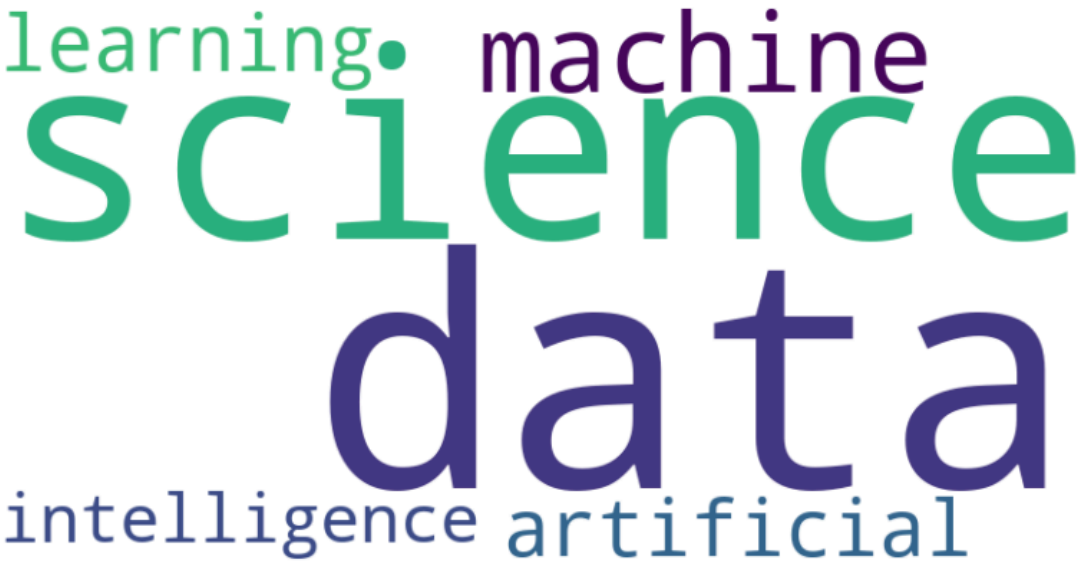
In [8]:
```
!pip install wordcloud matplotlib
```

```
Requirement already satisfied: wordcloud in c:\users\kavya\anaconda3\lib
\site-packages (1.9.4)
Requirement already satisfied: matplotlib in c:\users\kavya\anaconda3\lib
\site-packages (3.7.0)
Requirement already satisfied: pillow in c:\users\kavya\anaconda3\lib\sit
e-packages (from wordcloud) (9.4.0)
Requirement already satisfied: numpy>=1.6.1 in c:\users\kavya\anaconda3\l
ib\site-packages (from wordcloud) (1.24.4)
Requirement already satisfied: contourpy>=1.0.1 in c:\users\kavya\anacond
a3\lib\site-packages (from matplotlib) (1.0.5)
Requirement already satisfied: pyparsing>=2.3.1 in c:\users\kavya\anacond
a3\lib\site-packages (from matplotlib) (3.0.9)
Requirement already satisfied: python-dateutil>=2.7 in c:\users\kavya\ana
conda3\lib\site-packages (from matplotlib) (2.8.2)
Requirement already satisfied: kiwisolver>=1.0.1 in c:\users\kavya\anacon
da3\lib\site-packages (from matplotlib) (1.4.4)
Requirement already satisfied: cycler>=0.10 in c:\users\kavya\anaconda3\l
ib\site-packages (from matplotlib) (0.11.0)
Requirement already satisfied: fonttools>=4.22.0 in c:\users\kavya\anacon
da3\lib\site-packages (from matplotlib) (4.25.0)
Requirement already satisfied: packaging>=20.0 in c:\users\kavya\anaconda
3\lib\site-packages (from matplotlib) (22.0)
Requirement already satisfied: six>=1.5 in c:\users\kavya\anaconda3\lib\s
ite-packages (from python-dateutil>=2.7->matplotlib) (1.16.0)
```

In [9]:
```
from wordcloud import WordCloud
import matplotlib.pyplot as plt
text = 'data science machine learning artificial intelligence'
wordcloud = WordCloud(width=800, height=400, background_color='white').gene
wordcloud.to_file('wordcloud_image.png')
plt.figure(figsize=(10, 5))
plt.imshow(wordcloud, interpolation='bilinear')
plt.axis('off')
plt.show()
```