```python
#excller day-12(198)
# Install dependencies if needed (Uncomment if running locally)
# !pip install wordcloud
# !pip install matplotlib

from wordcloud import WordCloud
import matplotlib.pyplot as plt

def generate_wordcloud(text, output_image):
    """
    Generate a WordCloud from the given text and save it as an image.

    Args:
    text (str): The input text for the WordCloud.
    output_image (str): The file path to save the WordCloud image.
    """
    wordcloud = WordCloud(width=1200, height=400, background_color='white').generate(text)

    # Display the generated WordCloud
    plt.figure(figsize=(10, 5))
    plt.imshow(wordcloud, interpolation='bilinear')
    plt.axis('off')  # Hide axes
    plt.show()

    # Save the WordCloud image
    wordcloud.to_file(output_image)
    print(f"WordCloud saved as {output_image}")

# Example text input
text = 'data science machine learning artificial intelligence deep learning python AI'
output_image = 'wordcloud.png'

# Generate and save the word cloud
generate_wordcloud(text, output_image)
```
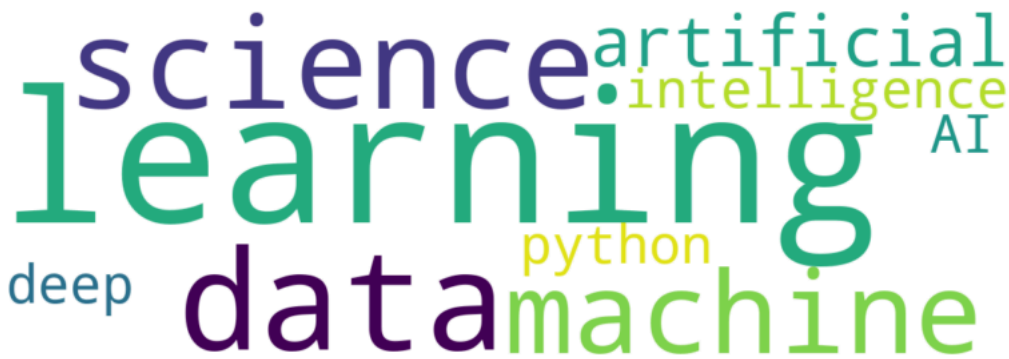


```
WordCloud saved as wordcloud.png
```

Start coding or generate with AI.