```python
In [1]:  from wordcloud import WordCloud
         import matplotlib.pyplot as plt
         import numpy as np
         from PIL import Image
```

```python
In [3]:  data = ''' Artificial intelligence (AI) is intelligence demonstrated by machines, as opposed to the
         natural intelligence displayed by humans or animals. Leading AI textbooks define the field as the st
         of "intelligent agents": any system that perceives its environment and takes actions that maximize
         of achieving its goals. Some popular accounts use the term "artificial intelligence" to describe mac
         mimic "cognitive" functions that humans associate with the human mind, such as "learning" and "probl
         however this definition is rejected by major AI researchers. AI applications include advanced web se
         recommendation systems (used by YouTube, Amazon and Netflix), understanding human speech (such as Si
         self-driving cars (e.g. Tesla), and competing at the highest level in strategic game systems (such a
         As machines become increasingly capable, tasks considered to require "intelligence" are often remove
         definition of AI, a phenomenon known as the AI effect. For instance, optical character recognition
         excluded from things considered to be AI, having become a routine technology.'''
```

```python
In [5]:  pic_apple = np.array(Image.open(r'C:\Users\paruc\OneDrive\Desktop\circle.jpg'))
         # Generate a word cloud with the custom mask
         wc1 = WordCloud(mask=pic_apple, background_color='white', max_font_size=90).generate(data)
         plt.imshow(wc1, interpolation='bilinear')
         plt.axis("off")
         plt.show()
```