import numpy as np import

import matplotlib.pyplot as plt

from wordcloud import WordCloud

text = "SMILE"

x, y = np.ogrid[:300, :300]

mask = (x - 150) \*\* 2 + (y - 150) \*\* 2 > 130 \*\* 2

mask = 255 \* mask.astype(int)

wd = WordCloud(background\_color="black", repeat=True, mask=mask)

wd.generate(text)

plt.axis("off")

plt.imshow(wc, interpolation="bilinear")

plt.show()

