

My Document

Polar Axis

For a demonstration of a line plot on a polar axis, see [Figure 1](#).

```
import numpy as np
import matplotlib.pyplot as plt

r = np.arange(0, 2, 0.01)
theta = 4 * np.pi * r
fig, ax = plt.subplots(
    subplot_kw = {'projection': 'polar'},
    figsize=(3, 3)
)
ax.plot(theta, r)
ax.set_rticks([0.5, 1, 1.5, 2])
ax.grid(True)
plt.show()
```

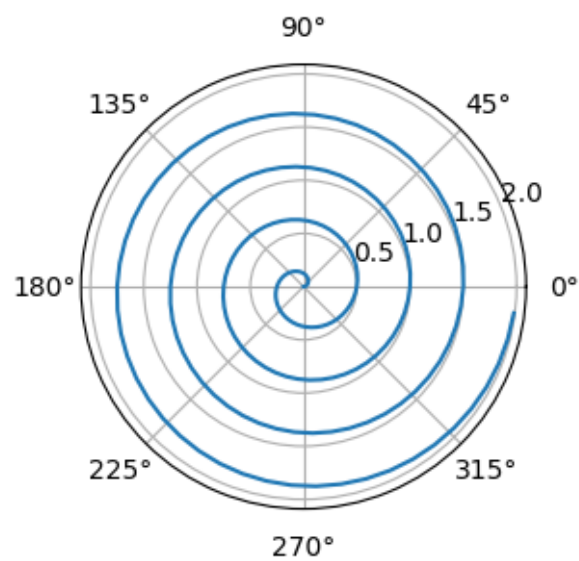


Figure 1: A line plot on a polar axis