

Homework Assignment 1

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1 Polar

```
import numpy as np
import matplotlib.pyplot as plt
r = np.arange(0, 2, 0.01)
theta = 2 * np.pi * r
fig, ax = plt.subplots(subplot_kw = {'projection': 'polar'}, figsize=(2.75, 2.75))
ax.plot(theta, r)
ax.set_rticks([0.5, 1, 1.5, 2])
ax.grid(True)
plt.show()
```

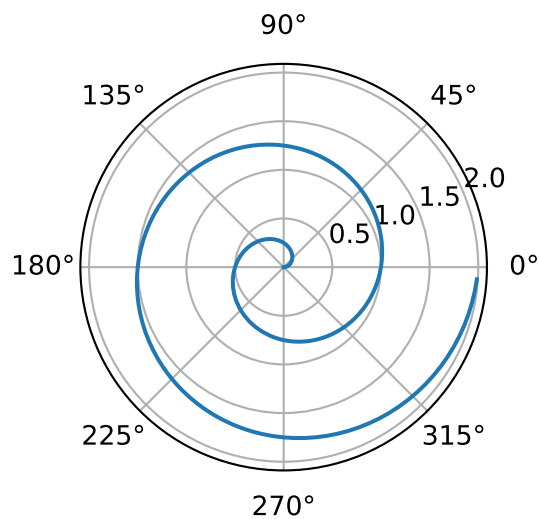


Figure 1: A line plot on a polar axis