

ps0

Per the tutorial, demonstration of a line plot on a polar axis

```
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'}
)
ax.plot(theta, r)
ax.set_rticks([0.5, 1, 1.5, 2])
ax.grid(True)
plt.show()
```

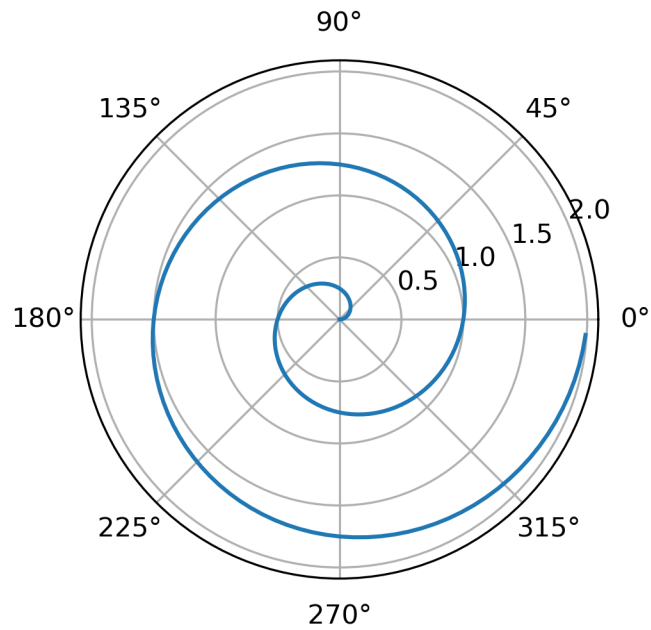


Figure 1: A line plot on a polar axis

Another section:

```
# importing numpy as np
import numpy as np

# importing pyplot as plt
import matplotlib.pyplot as plt

# position
pos = 100
# scale
scale = 5

# size
size = 100000

# creating a normal distribution data
values = np.random.normal(pos, scale, size)

# plotting histogram
plt.hist(values, 100)
```

```
# showing the graph  
plt.show()
```

