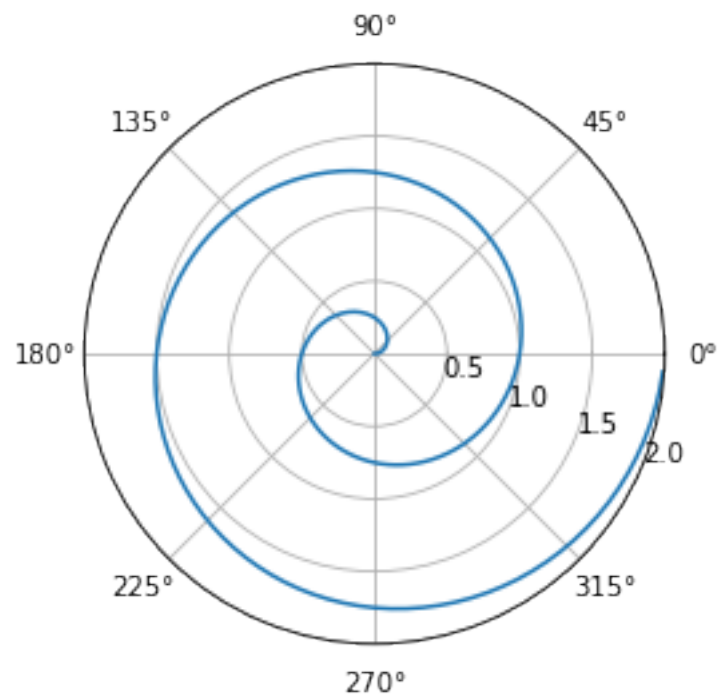


Polar

January 30, 2021

```
[16]: #This is a line plot of polar axis  
#We use awesome python libraries...  
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_rmax(2)  
ax.set_rticks([0.5, 1, 1.5, 2]) # Less radial ticks  
ax.set_rlabel_position(-22.5) # Move radial labels away from plotted line  
ax.grid(True)  
  
ax.set_title("A line plot on a polar axis", va='bottom')  
plt.show()
```

A line plot on a polar axis



[]: