

Quarto Basics

Table of contents

Getting Started with Quarto	1
Polar Axis	1
PLOTLY	3

Getting Started with Quarto

1. [Download Quarto installation wizard](#) & install.



Figure 1: title

2. Close all `cmd`, `powershell` and `jupyter` instances before using Quarto.

Polar Axis

For a demonstration of a line plot on a polar axis, see [Figure 2](#).

```
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()
```

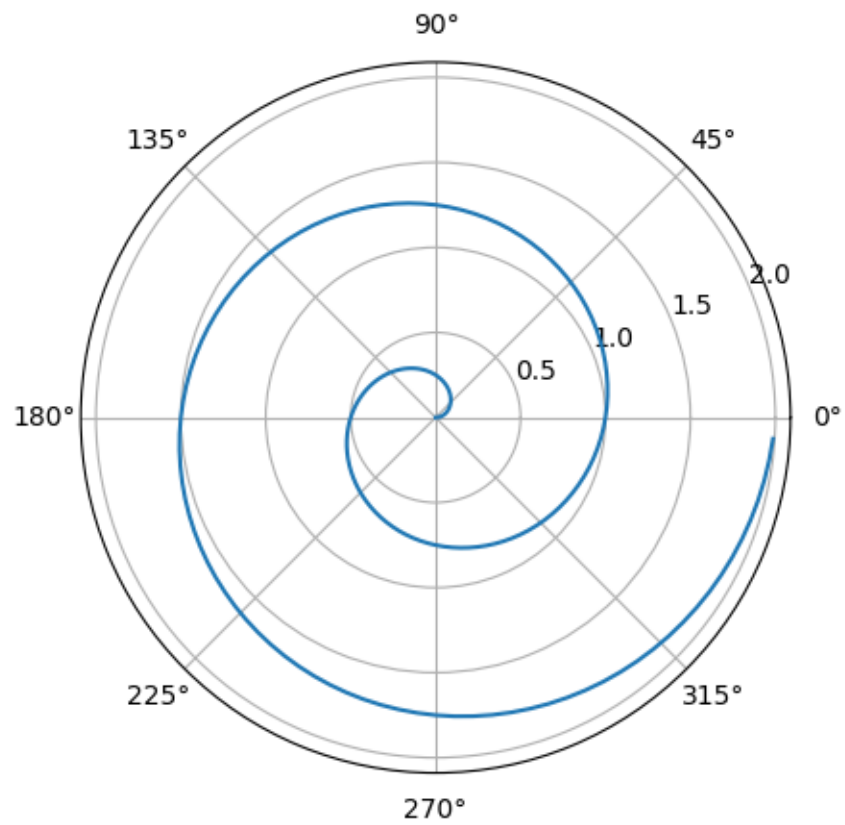


Figure 2: A line plot on a polar axis

PLOTLY

```
import plotly.express as px
import plotly.io as pio
gapminder = px.data.gapminder()
gapminder2007 = gapminder.query("year == 2007")
fig = px.scatter(gapminder2007,
                 x="gdpPercap", y="lifeExp", color="continent",
                 size="pop", size_max=60,
                 hover_name="country")
fig.show()
```

Unable to display output for mime type(s): text/html

Unable to display output for mime type(s): application/vnd.plotly.v1+json, text/html