Quarto Document

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1   Overview

1.1   Description of the report

For a demonstration of a line plot on a polar axis, see Figure 1.

```python
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()
```
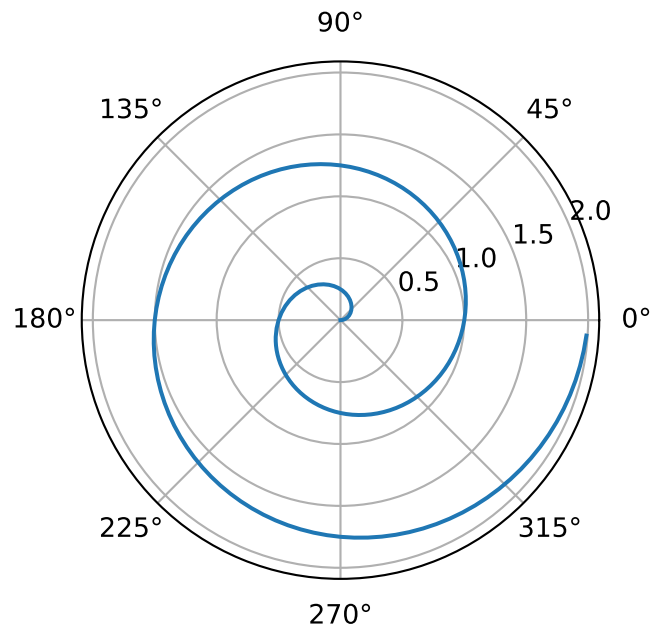
Figure 1: A line plot on a polar axis

2 Data Collection

```python
import pandas as pd
from sklearn.datasets import load_iris

iris = load_iris()

df = pd.DataFrame(iris.data, columns = iris.feature_names)
```