A book using quarto

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Table des matières

Preface

This is a quarto book!!

To learn more about Quarto books visit https://quarto.org/docs/books.

> **ℹ Note**
>
> Une note d'information.

What is Polars ?

Polars is a very fast and elegant dataframe library that does the same sort of thing as the main data manipulation packages in R.

1 Introduction

This is a book created from markdown and executable code.

See Knuth (1984) for additional discussion of literate programming.

1.1 What is Polars ?

Polars is a very fast and elegant dataframe library that does the same sort of thing as the main data manipulation packages in R.

2 Quarto Basics

For a demonstration of a line plot on a polar axis, see Figure 2.1.

```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()
```
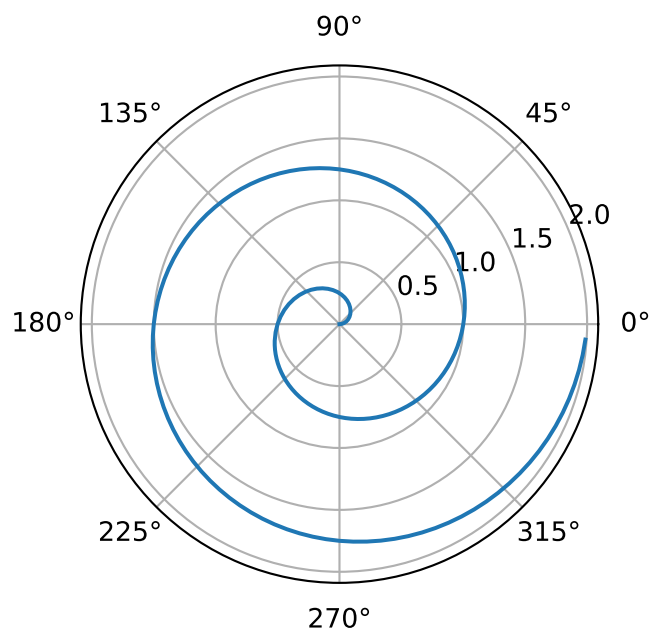
Figure 2.1: A line plot on a polar axis

3 Summary

In summary, this book has no content whatsoever.

3.1 Part

Nope.

References

Knuth, Donald E. 1984. « Literate Programming ». *Comput. J.* 27 (2): 97-111. https://doi.or
g/10.1093/comjnl/27.2.97.