A book using quarto

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# Preface

This is a quarto book!!

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

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| 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](#fig-polar).

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()

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| 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.org/10.1093/comjnl/27.2.97>.