

# **Python for Clinical Study Reports and Submission**

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# Preface

This is a Quarto book.

# 1 Introduction

This is a book created from Markdown and executable code.

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

```
import polars as pl
from datetime import datetime

df = pl.DataFrame(
    {
        "integer": [1, 2, 3],
        "date": [
            datetime(2025, 1, 1),
            datetime(2025, 1, 2),
            datetime(2025, 1, 3),
        ],
        "float": [4.0, 5.0, 6.0],
        "string": ["a", "b", "c"],
    }
)

print(df)
```

shape: (3, 4)

integer	date	float	string
---	---	---	---
i64	datetime[ s]	f64	str
1	2025-01-01 00:00:00	4.0	a
2	2025-01-02 00:00:00	5.0	b
3	2025-01-03 00:00:00	6.0	c

## 2 Summary

In summary, this book has no content whatsoever.

1 + 1

2

## References

Knuth, Donald E. 1984. “Literate Programming.” *Comput. J.* 27 (2): 97–111. <https://doi.org/10.1093/comjnl/27.2.97>.