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.

```python
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.