My Data Science

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Preface

This is a Quarto book.

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

```
1 + 1
```

[1] 2

第 1 章

Introduction

This is a book created from markdown and executable code.

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

```
1 + 1
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[1] 2

第 2 章

Summary

In summary, this book has no content whatsoever.

```
1 + 1
```

[1] 2

第 3 章

Quarto and Quarto Book

- Quarto Book Examples:

  - R4DS 2e: https://r4ds.hadley.nz,

    * Source: https://github.com/hadley/r4ds/

    * Current Version 1e: https://r4ds.had.co.nz

  - Python for Data Analysis 3e: https://wesmckinney.com/book/

    * Source: https://github.com/wesm/pydata-book/tree/3rd-edition

  - Visualization Curriculum: https://jjallaire.github.io/visualization-curriculum/

    * Source: https://github.com/jjallaire/visualization-curriculum

- Welcome to Quatro: https://quarto.org/

  1. Download Quatro CLI

  2. Choose your tool and get started: RStudio

- Documentation:

  - Tutorial: Computations: https://quarto.org/docs/get-started/computations/rstudio.html

  - Tutorial: Authoring: https://quarto.org/docs/get-started/authoring/rstudio.html

  - Books: https://quarto.org/docs/books/

  - Book Options: https://quarto.org/docs/reference/projects/books.html

- 2023.03.20: Created a Book as test

  - **–** Engine: Knitr or Jupyter > choose Knitr

  - **–** Options: [ ]create a git repository, [ ]use renv with this project, [x]use visual markdown editor (the last one is checked as default)

    - ∗ Checked all and open in new session

  - **–** quarto.yml: Original

    - ∗ project:

    - ∗ type: book

    - ∗ project:

    - ∗ type: book

    - ∗ output-dir: docs

  - **–** Git: commit changes

  - **–** In Terminal: `touch .nojekyll`

    - ∗ git remote add origin git@github.com:icu-hsuzuki/myds.git

    - ∗ git branch -M main

    - ∗ git push -u origin main

  - **–** @GitHub

    - ∗ Setting > Pages > Branch: Select 'main', '/docs', and then Save

    - ∗ About at Geer mark: [x]Use your GitHub Pages website

  - **–** Add new chapters in `_quarto.yml`

References

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