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Python Packages

To you, the Reader.

Never stop learning. You are capable of anything.

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Preface

Hi there, this is my great book.

0.1 Why read this book

It is very important...

Structure of the book

Chapters [1](#) introduces a new topic, and ...

Software information and conventions

I used the **knitr** package ([Xie, 2015](#)) and the **bookdown** package ([Xie, 2020](#)) to compile my book. My R session information is shown below:

```
xfun::session_info()

## R version 4.0.2 (2020-06-22)
## Platform: x86_64-apple-darwin17.0 (64-bit)
## Running under: macOS Mojave 10.14.6
##
## Locale: en_CA.UTF-8 / en_CA.UTF-8 / en_CA.UTF-8 / C / en_CA.UTF-8
## / en_CA.UTF-8
##
## Package version:
##   base64enc_0.1.3 bookdown_0.21   compiler_4.0.2
##   digest_0.6.25  evaluate_0.14  glue_1.4.2
```

```
## graphics_4.0.2 grDevices_4.0.2 highr_0.8
## htmltools_0.5.0 jsonlite_1.7.1 knitr_1.30
## magrittr_1.5 markdown_1.1 methods_4.0.2
## mime_0.9 rlang_0.4.7 rmarkdown_2.6
## rstudioapi_0.11 stats_4.0.2 stringi_1.5.3
## stringr_1.4.0 tinytex_0.26 tools_4.0.2
## utils_4.0.2 xfun_0.18 yaml_2.2.1
```

Package names are in bold text (e.g., **rmarkdown**), and inline code and filenames are formatted in a typewriter font (e.g., `knitr::knit('foo.Rmd')`). Function names are followed by parentheses (e.g., `bookdown::render_book()`).

Acknowledgments

A lot of people helped me when I was writing the book.

Frida Gomam
on the Mars

About the Author

Frida Gomam is a famous lady. Police will always let her go.



1

Introduction

Now unplug your Internet cable, and start doing some serious work.

We have a nice figure in Figure 1.1, and also a table in Table 1.1.

```
par(mar = c(4, 4, 1, .1))
plot(cars, pch = 19)
```

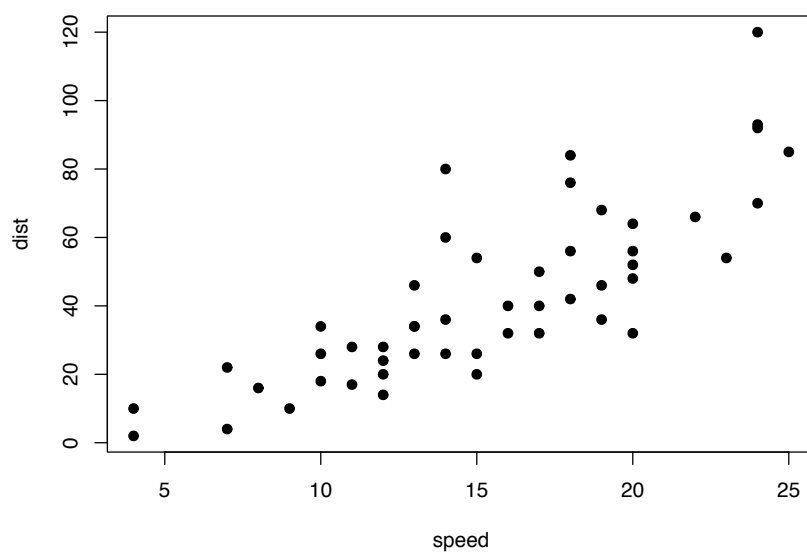


FIGURE 1.1: Hello World!

```
knitr::kable(
  head(iris), caption = 'The boring iris data.',
  booktabs = TRUE
)
```

More chapters to come in 02-foo.Rmd, 03-bar.Rmd, ...

TABLE 1.1: The boring iris data.

| Sepal.Length | Sepal.Width | Petal.Length | Petal.Width | Species |
|--------------|-------------|--------------|-------------|---------|
| 5.1 | 3.5 | 1.4 | 0.2 | setosa |
| 4.9 | 3.0 | 1.4 | 0.2 | setosa |
| 4.7 | 3.2 | 1.3 | 0.2 | setosa |
| 4.6 | 3.1 | 1.5 | 0.2 | setosa |
| 5.0 | 3.6 | 1.4 | 0.2 | setosa |
| 5.4 | 3.9 | 1.7 | 0.4 | setosa |

2

The FOO Method

We talk about the *FOO* method in this chapter.



A

More to Say

Yeah! I have finished my book, but I have more to say about some topics. Let me explain them in this appendix.

To know more about **bookdown**, see <https://bookdown.org>.



Bibliography

Xie, Y. (2015). *Dynamic Documents with R and knitr*. Chapman and Hall/CRC, Boca Raton, Florida, 2nd edition. ISBN 978-1498716963.

Xie, Y. (2020). *bookdown: Authoring Books and Technical Documents with R Markdown*. R package version 0.21.



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