

# QuartoBook

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Invalid Date



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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



# 1. Introduction

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**Learning Objectives:**

*In this chapter, you will learn*

- *How to install R and RStudio*
  - *How to install packages in RStudio*
  - *Create your first data analysis project in RStudio*
- 

This is a book created from markdown and executable code.

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

```
1 + 1
```

```
[1] 2
```



## 2. Summary

In summary, this book has no content whatsoever.

**1** + **1**

[1] 2



**Part I.**

**Appendices**





### 3. Appendix A

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

Table

```
knitr::kable(head(mtcars))
```

Table 3.1.: Rows from mtcars dataset

	mpg	cyl	disp	hp	drat	wt	qsec	vs	am	gear	carb
Mazda RX4	21.0	6	160	110	3.90	2.620	16.46	0	1	4	4
Mazda RX4	21.0	6	160	110	3.90	2.875	17.02	0	1	4	4
Wag											
Datsun 710	22.8	4	108	93	3.85	2.320	18.61	1	1	4	1
Hornet 4	21.4	6	258	110	3.08	3.215	19.44	1	0	3	1
Drive											
Hornet	18.7	8	360	175	3.15	3.440	17.02	0	0	3	2
Sportabout											

### 3. *Appendix A*

	mpg	cyl	disp	hp	drat	wt	qsec	vs	am	gear	carb
Valiant	18.1	6	225	105	2.76	3.460	20.22	1	0	3	1

## 4. Appendix B

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

Figure

```
library(ggplot2)
ggplot(mtcars) + aes(cyl,mpg) + geom_point()
```

#### 4. Appendix B



Figure 4.1.: MPG vs Cyl

## References

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

