COMPANY
TAGLINE GOES HERE

Bookdown Demonstration

First attempt at bookdown for PDFs

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Contents

Preface

This book serves as an introduction of bookdown. The purpose is identifying application of this to technical manuals and documents.

Outline

We start by introducing the tidy text format, and some of the ways dplyr, tidyr, and tidytext allow informative analyses of this structure.

- **Chapter 1** demonstrates basic, fundamental features.
- **Chapter 2** demonstrates basic table features.
- **Chapter 3** demonstrates examples of incorporating charts and diagrams into the content.
- **Chapter 4** demonstrates incorporation of external images

Package Reference

package	version	source
bookdown	0.32	CRAN (R 4.2.2)
dplyr	1.1.0	CRAN (R 4.2.2)
forcats	1.0.0	CRAN (R 4.2.2)
ggforce	0.4.1	CRAN (R 4.2.2)
ggplot2	3.4.1	CRAN (R 4.2.2)
ggraph	2.1.0	CRAN (R 4.2.2)
gutenbergr	NA	NA
igraph	1.4.0	CRAN (R 4.2.2)
janeaustenr	1.0.0	CRAN (R 4.2.2)
jsonlite	1.8.4	CRAN (R 4.2.2)
lubridate	1.9.2	CRAN (R 4.2.2)
mallet	NA	NA
Matrix	1.5-3	CRAN (R 4.2.2)
quanteda	3.2.4	CRAN (R 4.2.2)
readr	2.1.4	CRAN (R 4.2.2)
reshape2	1.4.4	CRAN (R 4.2.2)
sessioninfo	1.2.2	CRAN (R 4.2.2)
stringr	1.5.0	CRAN (R 4.2.2)
styler	1.9.0	CRAN (R 4.2.2)
textdata	NA	NA
tidyr	1.3.0	CRAN (R 4.2.2)
tidytext	0.4.1	CRAN (R 4.2.2)
tidyverse	1.3.2	CRAN (R 4.2.2)
tm	0.7-11	CRAN (R 4.2.2)

package	version	source
topicmodels	0.2-13	CRAN (R 4.2.2)
widyr	0.1.5	CRAN (R 4.2.2)
wordcloud	2.6	CRAN (R 4.2.2)
XML	NA	NA

Chapter 1

Basic Features

This page is intended to show basic features.

1.1 Lists

1.1.1 Unordered List

- apple
- banana
- orange

1.1.2 Ordered List

1. first
2. second
3. third

1.2 Paragraphs

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla hendrerit, urna in posuere vehicula, eros nulla hendrerit tellus, vel tempus dui mi in purus. Mauris mattis tincidunt odio, non efficitur eros porta et. Praesent eu nisl dictum, blandit urna nec, tempus odio. Sed eget elit orci. Aenean elementum enim in erat porttitor tristique. Aenean sed arcu massa. Aenean sit amet turpis sed eros dictum tincidunt ac vitae ex. Sed porttitor eu eros eu gravida. Etiam a tempus libero. Morbi euismod varius dui, varius mollis ipsum ornare sit amet. Nulla sagittis ex eu mi luctus elementum. Curabitur eleifend dignissim placerat. Aenean at sagittis ante. In a felis mi. Mauris urna mi, mattis id efficitur vitae, gravida id diam.

Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae; Donec sed nisl et tortor accumsan dictum. Phasellus cursus purus a scelerisque efficitur. Cras at hendrerit quam. Sed aliquet faucibus facilisis. Pellentesque eget iaculis orci. Quisque fermentum quis lorem et fermentum. Sed feugiat erat ut sapien lobortis, in tempor dui aliquam. Aenean a malesuada arcu. Pellentesque dapibus viverra efficitur.

1.3 Text options

1.3.1 Adding bold text

You can add inline **bold txt**

1.3.2 Adding italics

You can also add inline *italics*!

1.3.3 Code

1.3.3.1 Inline

Here is some `inline code`.

1.3.3.2 R Text

```
#> [1] "Because I could not stop for Death -"
#> [2] "He kindly stopped for me -"
#> [3] "The Carriage held but just Ourselves -"
#> [4] "and Immortality"
```

Chapter 2

Tables

2.1 Basic Markdown Tables

	mpg	cyl	disp	hp
Mazda RX4	21.0	6	160	110
Mazda RX4 Wag	21.0	6	160	110
Datsun 710	22.8	4	108	93
Hornet 4 Drive	21.4	6	258	110
Hornet Sportabout	18.7	8	360	175
Valiant	18.1	6	225	105

2.2 Table data from CSV

Table 2.2: Differences in emphasis between software packages (Graphical User Interface (GUI) of Geographic Information Systems (GIS) and R).
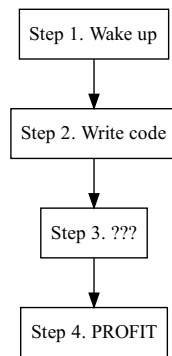
Attribute	Desktop GIS (GUI)	R
Home disciplines	Geography	Computing, Statistics
Software focus	Graphical User Interface	Command line
Reproducibility	Minimal	Maximal

Chapter 3

Diagrams and Charts

There are a number of methods for adding charts and diagrams.

3.1   Inline Graphviz diagrams with DiagrammeR

```
┌──────────────────┐
│  Step 1. Wake up │
└──────────────────┘
         │
         ▼
┌──────────────────┐
│ Step 2. Write code│
└──────────────────┘
         │
         ▼
   ┌────────────┐
   │ Step 3. ???│
   └────────────┘
         │
         ▼
┌──────────────────┐
│ Step 4. PROFIT   │
└──────────────────┘
```

3.2   Basic line chart with ggplot2 and geom line

3.3   Summary

summary
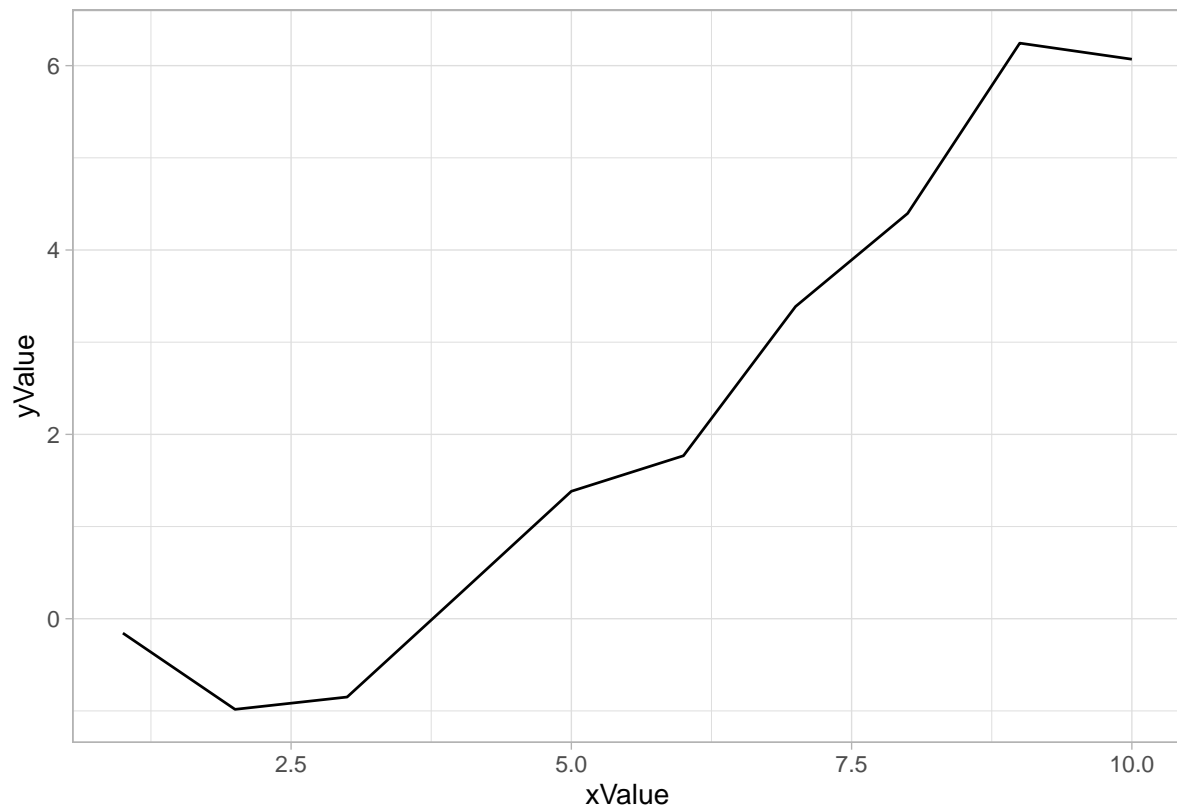
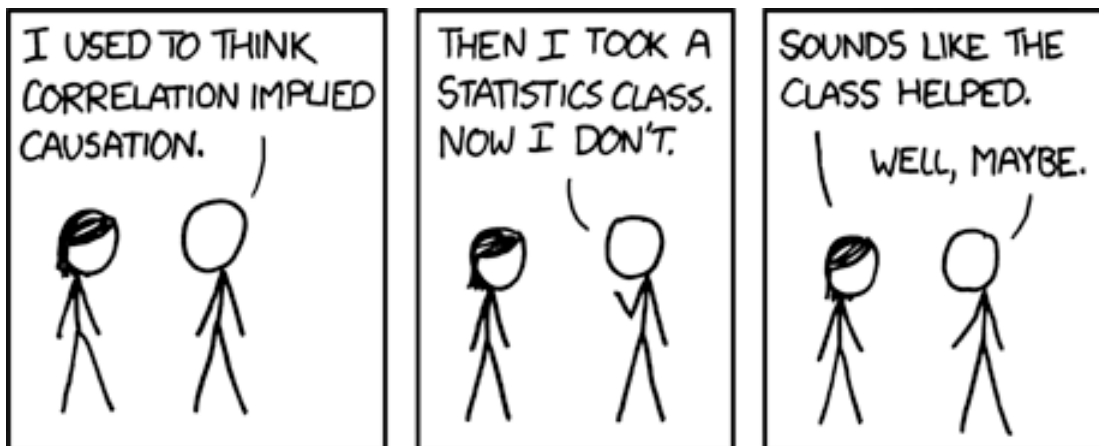Figure 3.1: Basic line chart with ggplot2 and geom line

Chapter 4

Images

This section is for basic images / graphics.

4.1 Basic PNG

This is a basic PNG image reference

4.2 Simple PNG File (Centered, 50%)

This is a simple centered PNG file
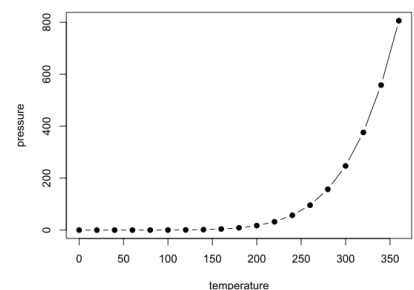
\begin{figure}

{

}

\caption{Centered PNG at 50\%} \end{figure}

4.3   Simple PNG File (Right-Aligned, 30%)

This is a simple right-aligned PNG file. SVG files don't seem to work with PDF output..

\begin{figure}

\caption{Right-Aligned SVG at 30\%} \end{figure}

4.4   Show two images horizonally
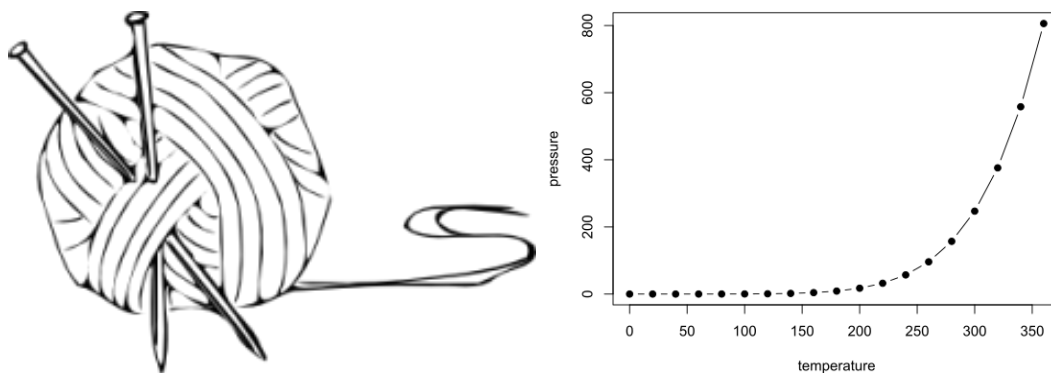
You can combine multiple images into a single figure.

Figure 4.1: caption