

# My Totally Awesome Book

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# Preface

This is a *sample* book written in **Markdown**. You can use anything that Pandoc's Markdown supports, e.g., a math equation  $a^2 + b^2 = c^2$ . You can write inline code using 2020-04-02.

$$a^2 + b^2 = c^2$$



# Chapter 1

## Introduction

Here I introduce my totally awesome book.

### 1.1 Including Code

You can include R code in the document as follows:

```
summary(cars)
```

```
##      speed      dist
##  Min.   : 4.0   Min.   :  2.00
## 1st Qu.:12.0   1st Qu.: 26.00
## Median :15.0   Median : 36.00
## Mean   :15.4   Mean    : 42.98
## 3rd Qu.:19.0   3rd Qu.: 56.00
## Max.   :25.0   Max.    :120.00
```

### 1.2 Including Plots

You can also embed plots, for example:

Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.

As shown in Figure 1.1.

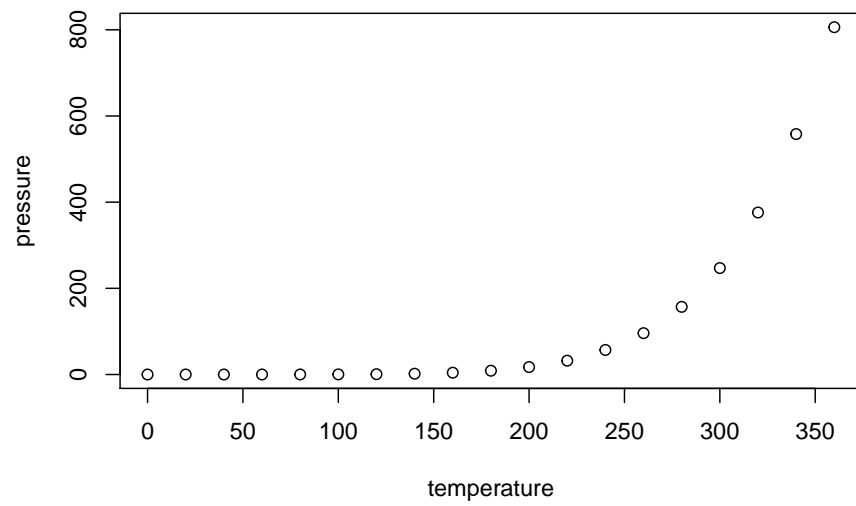


Figure 1.1: A figure caption for this awesome figure



## Chapter 2

# Methods

These are some totally awesome methods that I'll be discussing in my book. As mentioned in Chapter 1 this book discussed a range of method including method 1 (Wood, 2017) and method 2 that was first introduced by Pedersen et al. (2019).

There was some code referenced in Section 1.1.



# Bibliography

Pedersen, E. J., Miller, D. L., Simpson, G. L., and Ross, N. (2019). Hierarchical generalized additive models in ecology: an introduction with mgcv. *PeerJ*, 7:e6876.

Wood, S. N. (2017). *Generalized Additive Models: An Introduction with R, Second Edition*. CRC Press.