Exhibition Pamphlet (Working title)

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Motivation

The **bookdown** package can be installed from CRAN or Github:

```
install.packages("bookdown")
# or the development version
# devtools::install_github("rstudio/bookdown")
```

Remember each Rmd file contains one and only one chapter, and a chapter is defined by the first-level heading `#`.

To compile this example to PDF, you need XeLaTeX. You are recommended to install TinyTeX (which includes XeLaTeX): https://yihui.org/tinytex/.

Artifact 1

You can label chapter and section titles using `{#label}` after them, e.g., we can reference Chapter **??**. If you do not manually label them, there will be automatic labels anyway, e.g., Chapter **??**.

Figures and tables with captions will be placed in `figure` and `table` environments, respectively.

```
par(mar = c(4, 4, .1, .1))
plot(pressure, type = 'b', pch = 19)
```

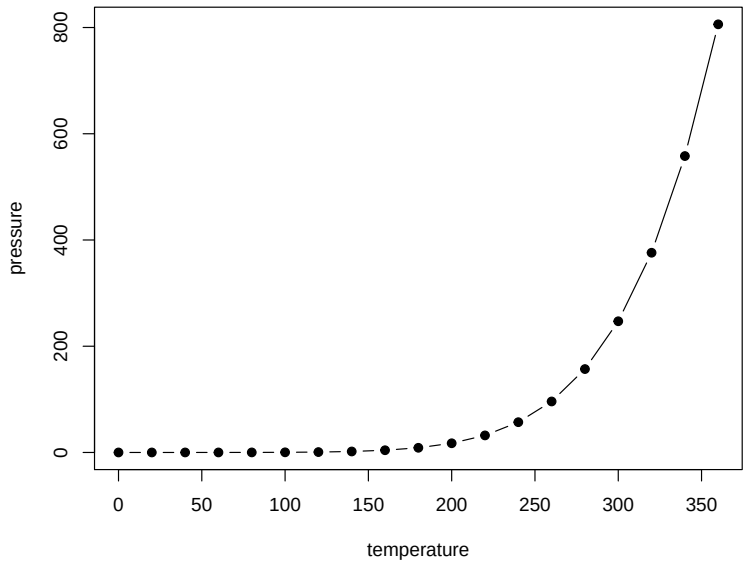

Figure 1: Here is a nice figure!

Reference a figure by its code chunk label with the `fig:` prefix, e.g., see Figure 1. Similarly, you can reference tables generated from `knitr::kable()`, e.g., see Table **??**.

You can write citations, too. For example, we are using the **bookdown** package

(Xie, 2020) in this sample book, which was built on top of R Markdown and **knitr** (Xie, 2015).

Artifact 2

Here is a review of existing methods.

Artifact 3

We describe our methods in this chapter.

Artifact 4

Some *significant* applications are demonstrated in this chapter.

0.1 Example one

0.2 Example two

Artifact 5

We have finished a nice book.

A

Artifact 7

Some *significant* applications are demonstrated in this chapter.

0.3 Example one

0.4 Example two

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 0.20.