

A Minimal Book Example

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Chapitre 1

Prerequisites

This is a *sample* book written in **Markdown**. You can use anything that Pandoc's Markdown supports, e.g., a math equation $a^2 + b^2 = c^2$.

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

Exercice 1

I. sous section

I.1. sou sous sedctpo,

emzfe

A retenir 1 *Here is my theorem.*

Définition 1 *Un court circuit est un circuit court..*

```
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/>.

Démonstration

II. Grand titre

II.1. Sous titre

II.1.a) Sous-sous titre

Exercice 2

III. sous section

III.1. sou sous sedctpo,

emzfe

Définition 2 *Un court circuit est un circuit court..*

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

Et voici une équation inline $E = mc^2$. Affichage d'un résultat avec SI units : $3.2 \times 10^{12} \text{ kg s}^{-1}$. Ne fonctionne pas en HTML..

Equation en ligne

$$2x = 3 - \sqrt{2}$$

$$x = 2x + 5 \tag{1.1}$$

$$-x = 5 \tag{1.2}$$

$$x = -5 \tag{1.3}$$

Les vecteurs colonnes miam :

$$\overrightarrow{v(t)} = \begin{pmatrix} v_x(t) & = & x'(t) \\ v_y(t) & = & y'(t) \end{pmatrix}$$

Insérer une image en utilisant le code markdown !`[image](figures/fig.png)`

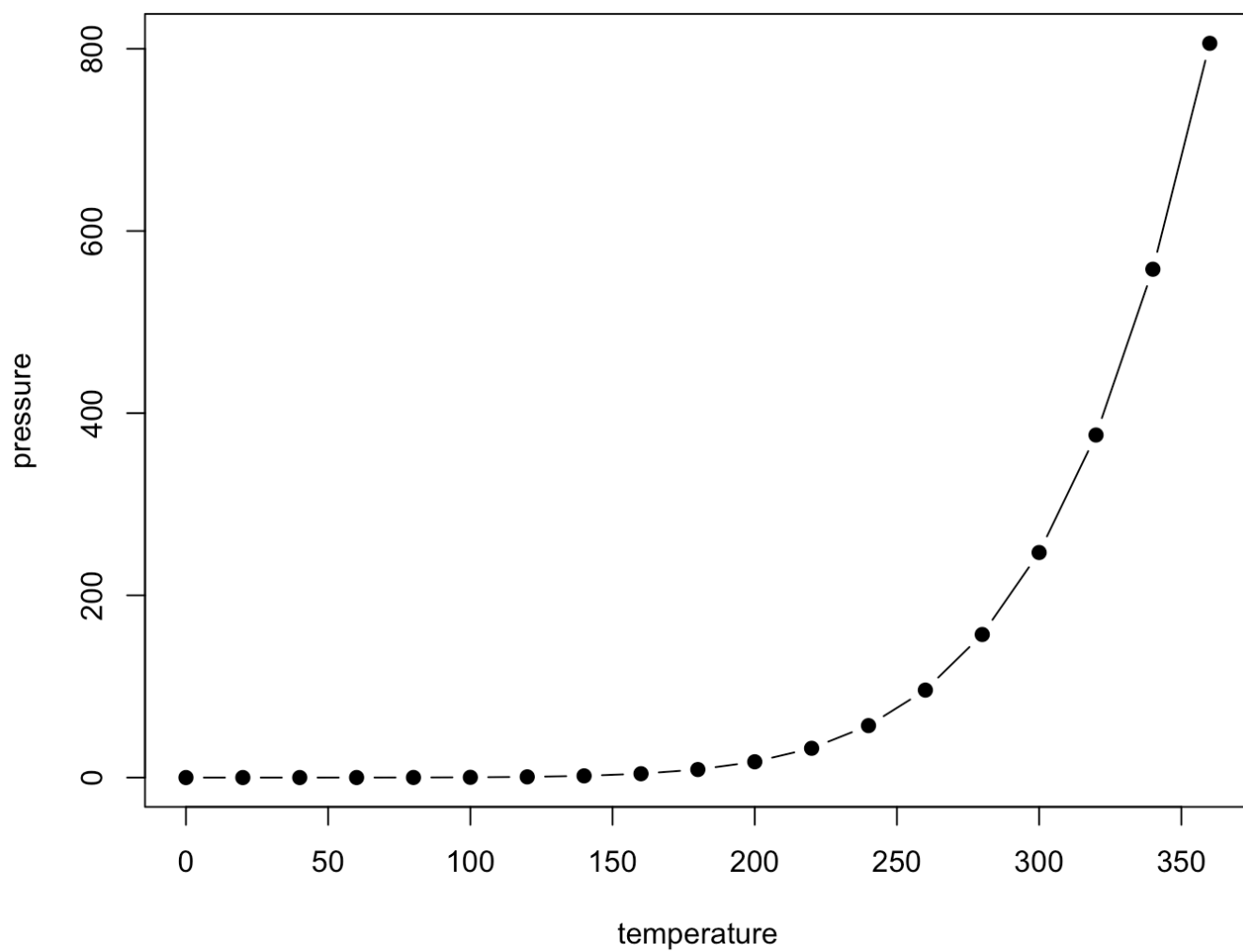
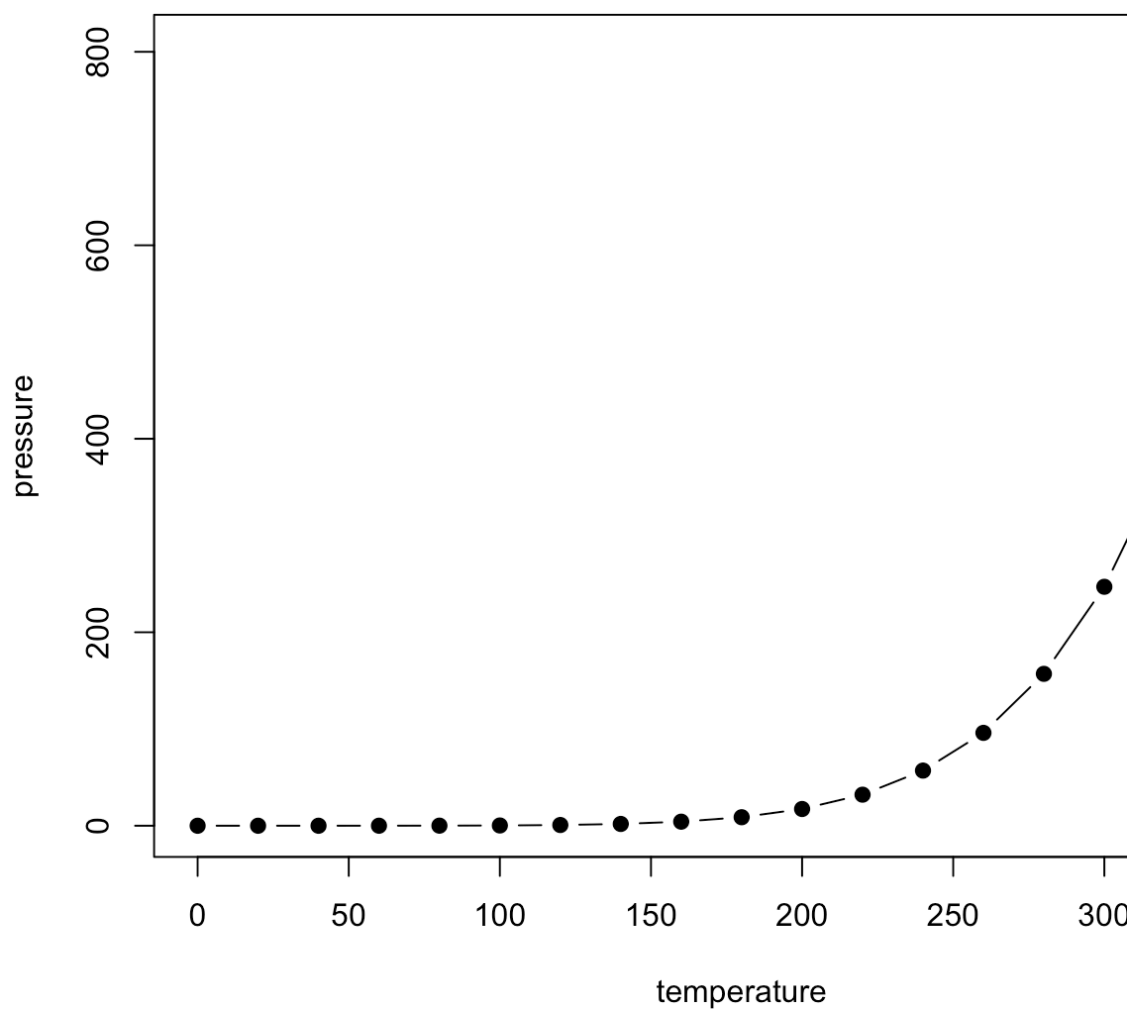
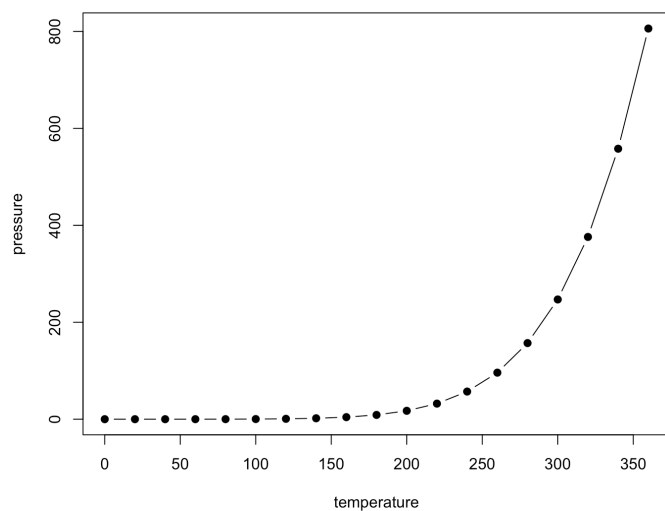


FIGURE 1.1 – image



En modifiant la largeur : 200px
width : 200px; }

En utilisant knitr :



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

```
knitr::include_graphics("figures/fig.png")
```

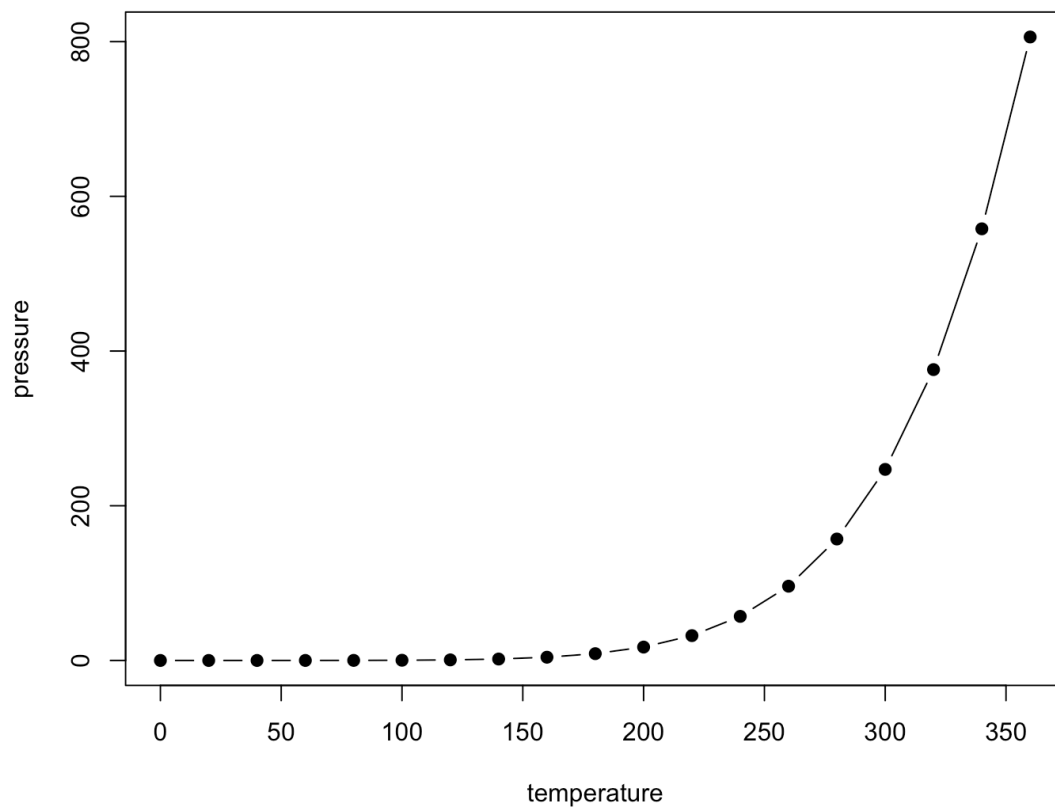


FIGURE 1.2 – Here is a nice figure!

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

```
knitr::include_graphics("figures/fig.png")
```

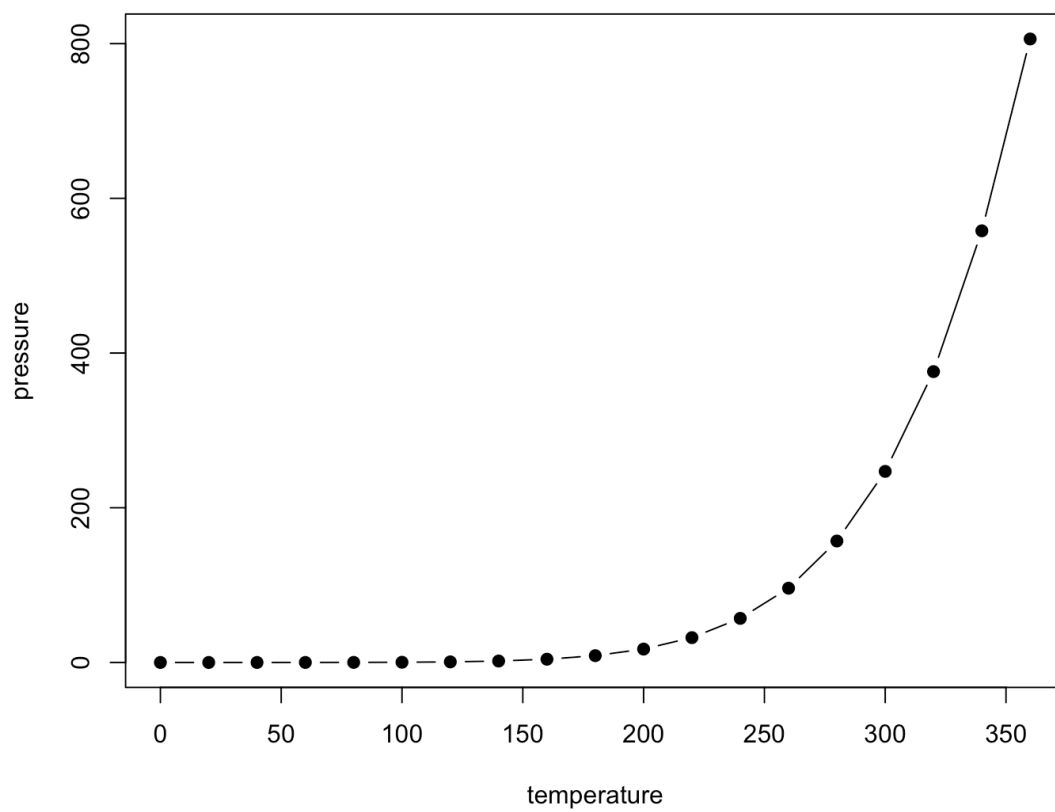


FIGURE 1.3 – Here is a nice figure !

Chapitre 2

Rappel de chimie

Liste des notions : - Dissolution (composé moléculaire / ionique) - Solution - Concentration - Dilution - Fiche ions, molécules à connaître

Chapitre 3

Literature

Here is a review of existing methods.

Chapitre 4

Methods

We describe our methods in this chapter.

Chapitre 5

Applications

Some *significant* applications are demonstrated in this chapter.

I. Example one

II. Example two

Chapitre 6

Final Words

We have finished a nice book.