Tutorial exercise 1

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2025-09-18

Load data

```
df <- read.csv("datasets/fictional_data.csv")
```

Introduction

Give a brief introduction of the research question(s), and how you will answer them.

Research Question ————

Is there a relationship between education and income?

Selection of variables

a. Education: University level education in years

b. Income: Monthly net income

c. Capital: Whether the person lives in capital or not

Data

Import the data and describe it. Include below a brief written interpretation.

```
# Load data 'fictional_data.csv'



#lets look at the data
```

Analysis

Describe how you analysed the data. You can embed R outputs directly in your text, for example, the mean of university level education is 3.53 years.

Present a relevant visualization for the distribution of income.

Include some analysis of how confident we can be about our estimate for the population mean.

Is there a relationship between education and income?

Conclusion

What is your main finding? What weaknesses might there be in your research? What further analyses are needed? ## R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see http://rmarkdown.rstudio.com.

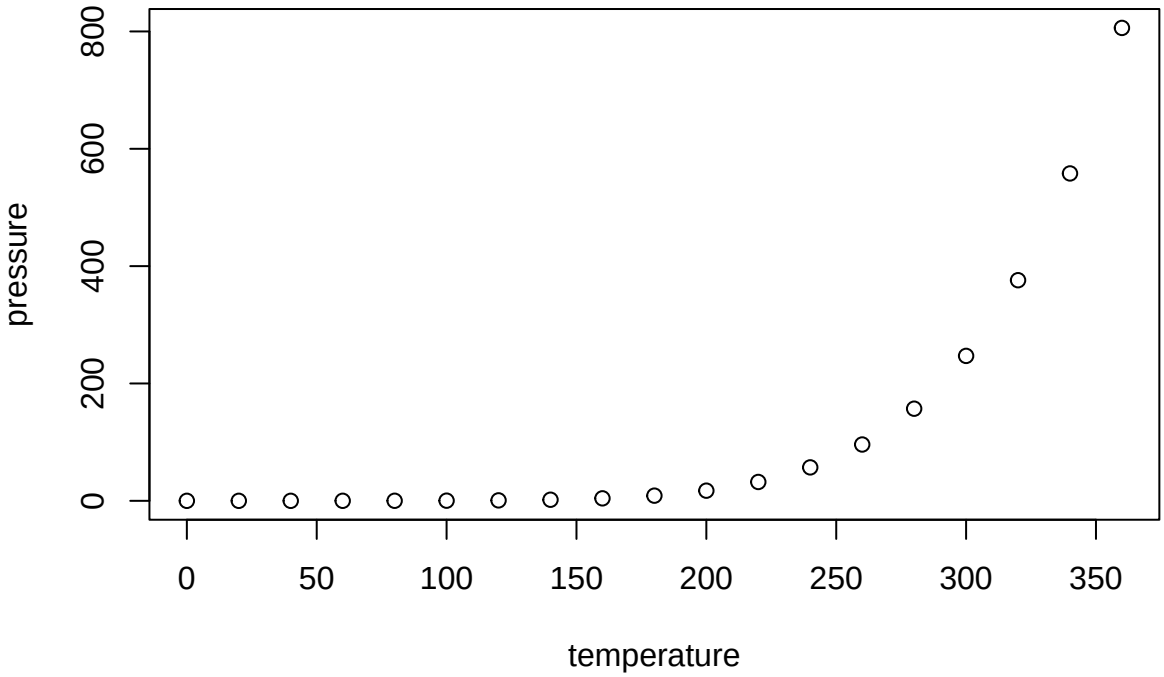
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
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
```

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.