Data Visualization with R R Markdown tutorial

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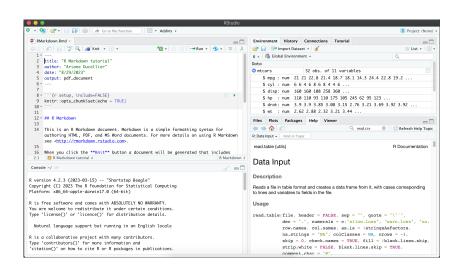
Installing R and RStudio

Install the latest version of R from the CRAN website: https://cran.r-project.org/

Install the latest version of RStudio from https://posit.co/download/rstudio-desktop/

Open RStudio and Go to File > New File > R Markdown

RStudio interface



Rmd file structure

```
YAML header:
```

```
title: "R Markdown tutorial"
author: "Ariane Ducellier"
date: "8/29/2023"
output: pdf_document
---
```

R code chunks:

```
'''{r cars}
summary(cars)
'''
```

Markdown text:

```
## R. Markdown
```

This is an R Markdown document.

Main options for R chunk options

```
'''{r chunk_name, options}
R code
'''
```

- include = FALSE No code and no results.
- echo = FALSE No code.
- message = FALSE No messages generated by the code.
- warning = FALSE No warnings generated by the code.
- fig.cap = "..." Caption for graphical results.

Basic Markdown syntax

```
_Italic text_
**Bold text**
# Header one
## Header two
### Header three
[R Markdown] (https://rmarkdown.rstudio.com)
![RStudio interface](RMarkdown.png)
> "A quote"
* List item 1
* List item 2
1. Ordered list item 1
2. Ordered list item 2
Line 1 followed by two spaces
Line 2
```

More on R Markdown

Markdown tutorial: https://www.markdowntutorial.com/

R Markdown tutorial:

https://rmarkdown.rstudio.com/lesson-1.html