Introduction to RMarkdown

Peter von Rohr

2021-10-01

Resources

- https://rmarkdown.rstudio.com/lesson-1.html
- https://youtu.be/tKUufzpoHDE
- https://bookdown.org/yihui/rmarkdown/

What is it

- Mix of ordinary text and R-statements
- Can be translated into different output formats
  - html (websites including interactive elements)
  - pdf
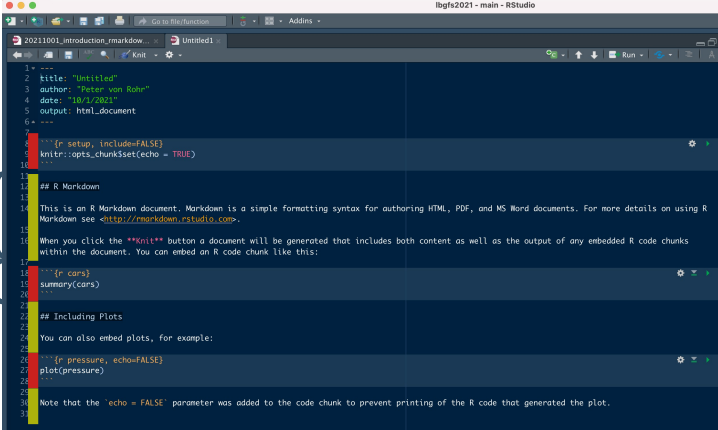 - word / powerpoint

Introduction¨

- Installation (already available on exercise platform)
- At R-Console run the following command

How does it work

RMarkdown files . . .

- ▶ are text-files with the extension .Rmd
- ▶ can be generated easily in RStudio: File > New File > RMarkdown . . .
- ▶ have the following structure

Structure of Rmd File

Produce Output

Notebook

- RMarkdown document with direct evaluation of R-code chunks
- Result is .nb.html file
- R-code can be re-generated from .nb.html file