R Markdown - simple tips

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7 October 2019

About the survey - *in a nutshell*

- **16** out of 32 people filled out the survey
  - may not be representative
- Difficulties
  - knitting to PDF
    - **14** out of 15 faced difficulties
    - but **12** could solve the issue
  - assignment descriptions not always clear: **4**
  - homework is very long thus challenging to do besides work and other assignments: **3**
  - difficult to type and understand the lecture at the same time: **1**
  - difficulties due to lack of background in coding: **3**

Text formatting

1. Header: #
   - ▶ Subheader: ##
   - ▶ HTML: and so on. . .
2. Use * for *italics*
3. Double it for **bold** letters
4. End the line with **two spaces** to start new paragraph
5. When including codes in your plain texts, use backtick (')
   - ▶ English keyboard: top left key
   - ▶ Hungarian keyboard: Alt gr + 7
6. Insert link: This is a link to R4DS book
   - ▶ Put the text you want a link assign to in square brackets than insert right after it the link in simple brackets("text").

- ▶ "*" is also used for unordered lists
  - ▶ while "+" is helpful when created sub-items
  - i) or this ("i)")
  - A. or this ("A.")

Code chunks - *first steps*

1. In the first place, how to insert it quickly?
   - ▶ Ctrl + Alt + I
   - ▶ If it doesn't work: *Tools/Modify Keyboard Shortcuts...*
2. Set global options

```r
knitr::opts_chunk$set(echo = TRUE)
```

3. What do you want to be printed in the HTML/PDF file?
   - ▶ include = FALSE: no code and no results (setting global options)
   - ▶ echo = FALSE: prevents code but not the results to be printed (embed figures)
   - ▶ message = FALSE: prevents messages from appearing
   - ▶ warning = FALSE: warnings won't be shown

echo = FALSE

1. Here, I set "echo = TRUE"

```
mean(cars$speed)
```

```
## [1] 15.4
```

2. But here, I don't want the code to be shown

```
## [1] 15.4
```

message = FALSE

1. No message

```r
message("This message won't be shown")
```

2. Now, you can see the message

```r
message("little brown fox jumps over lazy dog")
```

```
## little brown fox jumps over lazy dog
```

warning = FALSE

1. I'm interested in what the problem might be

```
mean(mpg$manufacturer)
```

```
## Warning in mean.default(mpg$manufacturer): argument is not nu
## logical: returning NA
```

```
## [1] NA
```

2. I don't care about the warning, just show the results!

```
mean(mpg$manufacturer)
```

```
## [1] NA
```

R markdown cheet sheet

https://rstudio.com/wp-content/uploads/2016/03/rmarkdown-cheatsheet-2.0.pdf

Thank you for your attention!