R markdown tutorial

Link 7/9/2019

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.

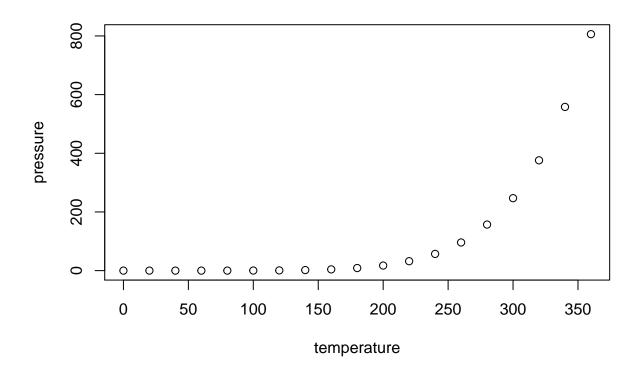
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

summary(cars)

```
##
        speed
                          dist
##
           : 4.0
                            : 2.00
    Min.
                    Min.
##
    1st Qu.:12.0
                    1st Qu.: 26.00
##
    Median:15.0
                    Median : 36.00
##
            :15.4
                            : 42.98
    Mean
                    Mean
##
    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.

Header level1

Header level 2

Header level 3

Code chunks

Median:15.0

Mean

##

:15.4

Median : 36.00

Mean

: 42.98

```
print("hello world!")

## [1] "hello world!"

summary(cars)

## speed dist
## Min. : 4.0 Min. : 2.00
## 1st Qu.: 12.0 1st Qu.: 26.00
```

```
## 3rd Qu.:19.0 3rd Qu.: 56.00
## Max. :25.0 Max. :120.00

keyboard shortcut: option + cmd +i

print("keyboard shortcut")

## [1] "keyboard shortcut"

print('or use "insert" at upper right side')
```

Examples

- bold
- \bullet italics
- links
- or run inline rcode

[1] "or use \"insert\" at upper right side"

• strikethrough