Rmarkdown

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Rmarkdown combines markdown markup language with R scripting. Rmarkdown notebooks can be knitted to pdf, html or word document.

```r
# another chunk
# to execute whole chunk press ctrl-shift-enter
print("Hello World 1!")
```

```
## [1] "Hello World 1!"
```

```r
print("Hello World 2!")
```

```
## [1] "Hello World 2!"
```

```r
print("Hello World 3!")
```

```
## [1] "Hello World 3!"
```

```r
# to execute only one line press ctrl-enter
print("Hello World 4!")
```

```
## [1] "Hello World 4!"
```

See https://rmarkdown.rstudio.com/lesson-1.html for more details.

Some markdown cheat sheet

Plain text.

End a line with two spaces to start a new paragraph.

Also end with a backslash
to make a new line.

italics and **bold**

superscript^2/subscript$_2$

~~strikethrough~~

escaped: * _ \

endash: –, emdash: —

Header 1

Header 2

...

Header 6

- unordered list
- item 2
- item 2a (indent 1 tab)
- item 2b

1. ordered list
2. item 2

- item 2a (indent 1 tab)
- item 2b

This is a link. [This is another link][id]. At the end of the document: [id]: link url

```
verbatim code
```

```
multiple lines
of verbatim code
```

> block quotes

equation: $e^{i\pi} + 1 = 0$

equation block:

$$E = mc^2$$

horizontal rule:

Right	Left	Default	Center
12	12	12	12
123	123	123	123
1	1	1	1

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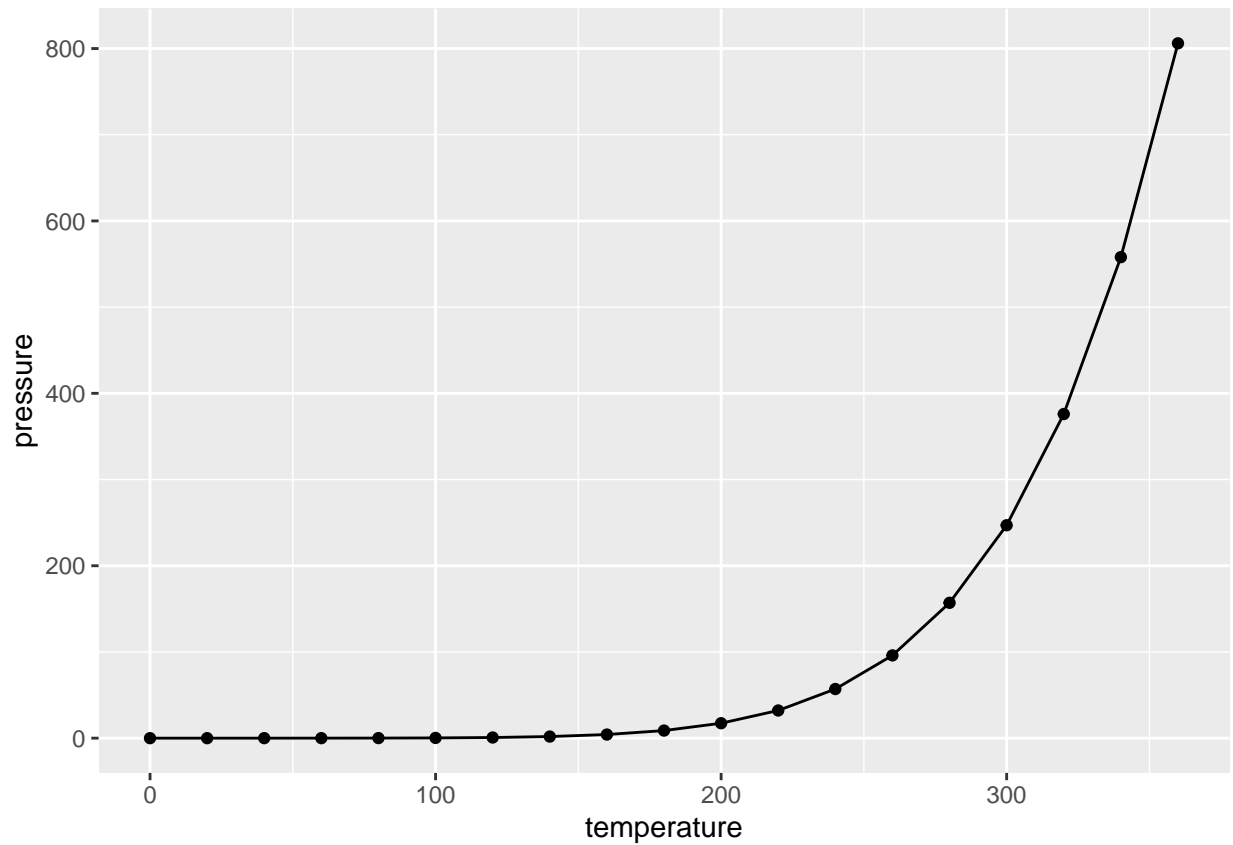
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
summary(cars) %>% knitr::kable()
```

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.

knit pdf document from this R markdown notebook

For the LaTex needs install MiKTeX (on windows it is more reliable than TinyTeX in my experience).