

# Testing\_rmarkdown

Kyungjin

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## 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>.

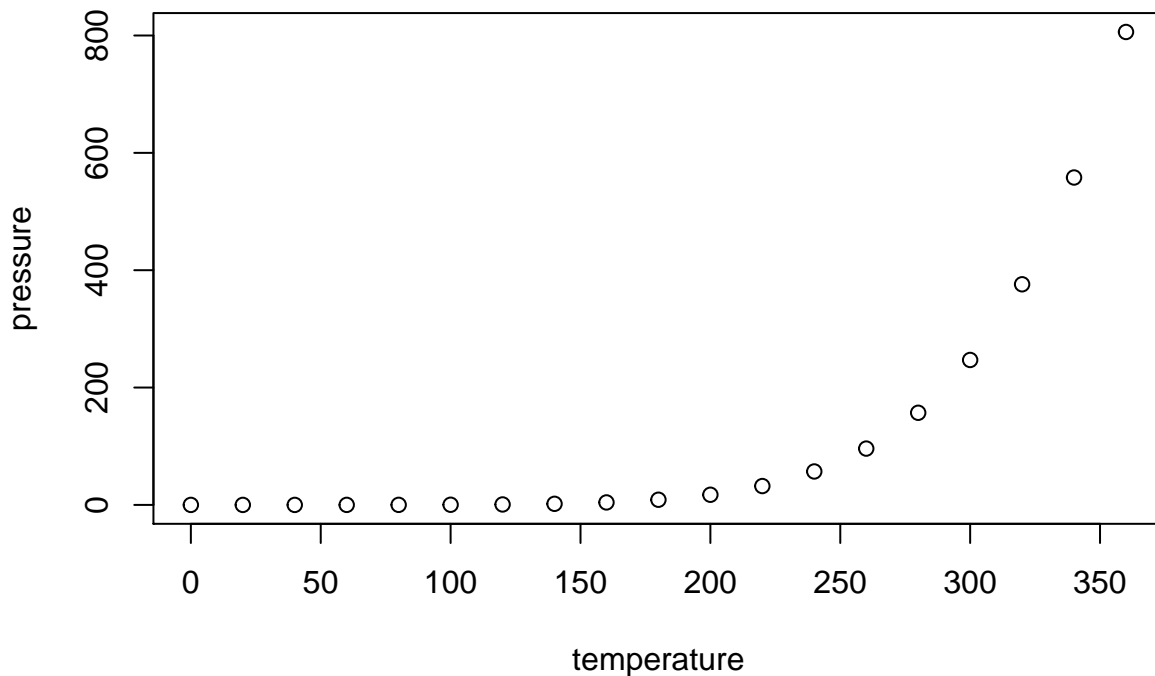
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
summary(cars)
```

```
##      speed      dist
##  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.

## How I fixed errors

As I used the R Markdown for the first time, there were a few errors.

- **Cannot create pdf**

Sol) ref: RStudio Community

```
#install.packages('tinytex')  
#tinytex::install_tinytex()
```

- *Warning messages were shown*

Ex) Warning message: In `has__crop_tools()` : Tool(s) not installed or not in PATH: pdftopdf, ghostscript  
-> As a result, figure cropping will be disabled.

Sol) ref: stack overflow

Control Panel-> System and Security -> System -> In advanced tab, click "environment variables". -> Click new and type "C:\Program Files\gs\gs9.54.0\bin\gswin64.exe" or whatever your current version  
-> Validate. Done.