My First Report

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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.

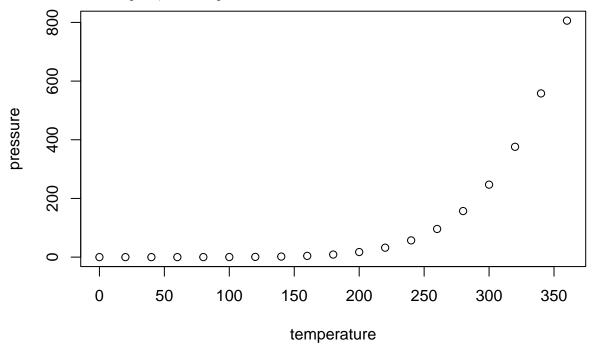
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

summary(cars)

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

Xie recommends using BibTex databases because they work better when the output is LaTeX/PDF.(Xie, Dervieux, and Riederer 2020) For example, number theory is important.(Borevich and Shafarevich 1986) Numbers like 1, 2, ...n are natural numbers.(Hua 2012) You can use Zotero to organize your sources and then export the citations to sources.bib as specified in the front or "YAML" matter. Additionally, the citr package can automate insertion of the reference.

References

Borevich, Zenon Ivanovich, and Igor Rostislavovich Shafarevich. 1986. Number Theory. Academic press. Hua, L-K. 2012. Introduction to Number Theory. Springer Science & Business Media.

R Core Team. 2019. R: A Language and Environment for Statistical Computing. Vienna, Austria: R Foundation for Statistical Computing. https://www.R-project.org.

Xie, Yihui, Christophe Dervieux, and Emily Riederer. 2020. R Markdown Cookbook. Chapman; Hall/CRC.