hello world

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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.

You may want to cite references in different formats depending on the surrounding sentential context, e.g.:

Casillas, in her (2022) course, states that Rmarkdown is awesome.

Rmarkdown is awesome (Casillas, 2021, 2022; Xie et al., 2018)

Rmarkdown is awesome (Casillas, 2022; e.g., Xie et al., 2018)

Rmarkdown is awesome (e.g., smooth workflow; Xie et al., 2018; see also Casillas, 2022)

We learned all about ggplot (see Wickham & Grolemund, 2016, ch. 1)

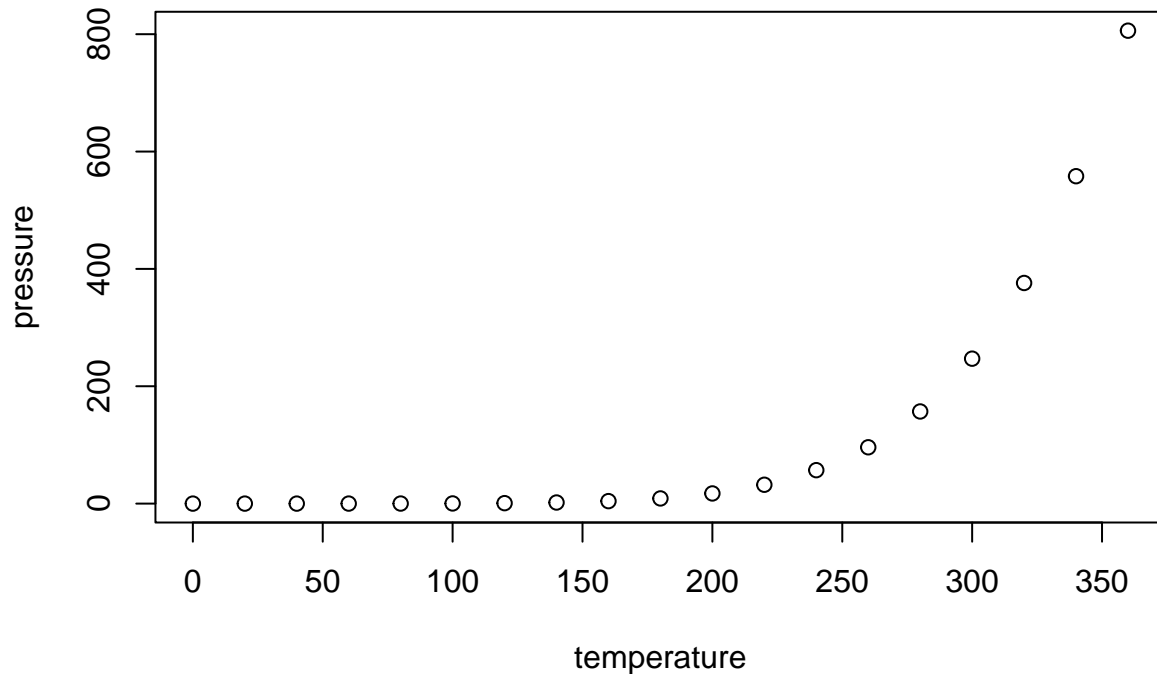We learned about ggplot with Wickham & Grolemund (2016, ch. 1)

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:

```r
# I just need a basic overview
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.

References

Casillas, M. (2021). *Reproducible science is great.* Various manuscripts.

Casillas, M. (2022). *From Data to Manuscript in R.* UChicago coursework.

Douglas, A., Roos, D., Mancini, F., Couto, A., & Lusseau, D. (2022). *An Introduction to R.* https://intro2r.com/.

Tierney, N. J. (2020). *RMarkdown for Scientists.* https://rmd4sci.njtierney.com/.

Wickham, H., & Grolemund, G. (2016). *R for data science: Import, tidy, transform, visualize, and model data.* O'Reilly Media, Inc.

Xie, Y., Allaire, J. J., & Grolemund, G. (2018). *R markdown: The definitive guide.* Chapman; Hall/CRC.