Untitled

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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.

$$f(x) = \begin{cases} x & x > 5 \\ -x & x < 5 \end{cases}$$

When you click the **Knit** button a document will be

- list 1

- list 2

  - sub 1

  - sub 2

    * sub 3?
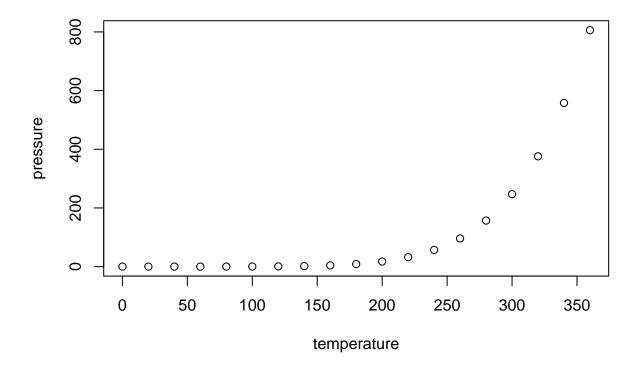
    * sub 4?

      · list 5

        1. hey

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:

```
#create summary of the cars data set
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. 150, 5, 50, 2