

# Test

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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>.

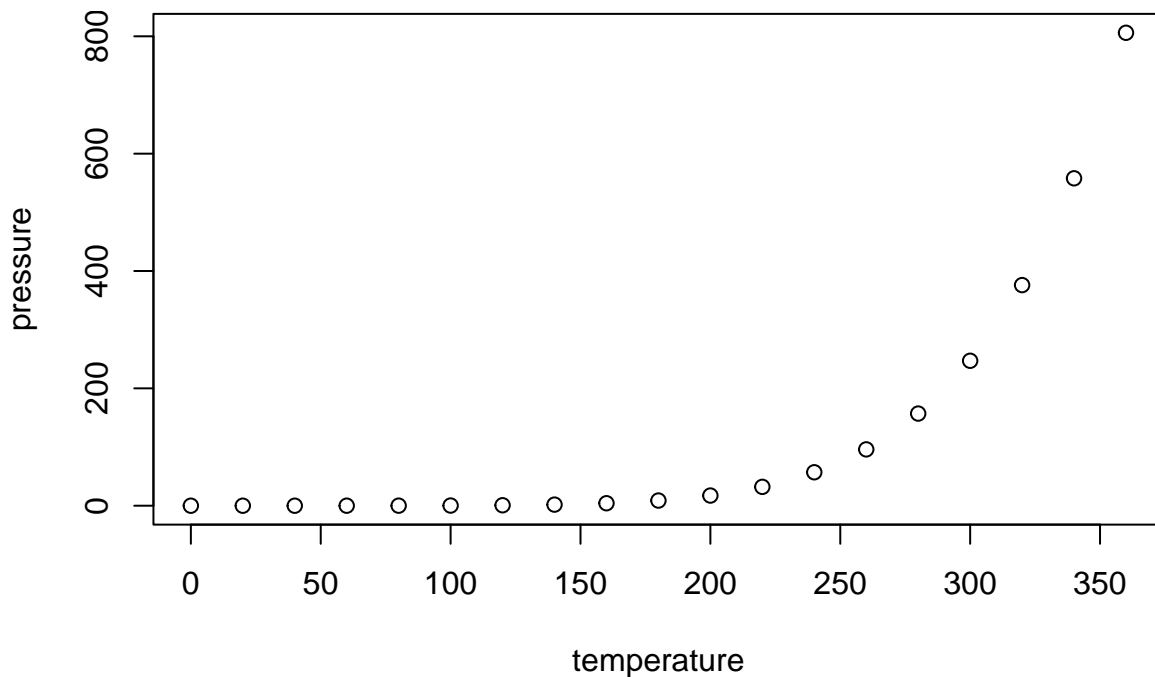
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
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 (*1*), for example:



Note that the `echo = FALSE` parameter (1) was added to the code chunk to prevent printing of the R code that generated the plot.

## Including math

$$Z_{pathway} = \frac{1}{\sqrt{k}} \sum Z_{koi}$$

## References

1. P. Arevalo, D. VanInsberghe, J. Elsherbini, J. Gore, *et al.*, A Reverse Ecology Approach Based on a Biological Definition of Microbial Populations. *Cell*. **178**, 820–834.e14 (2019).