

First Markdown Document!

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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>.

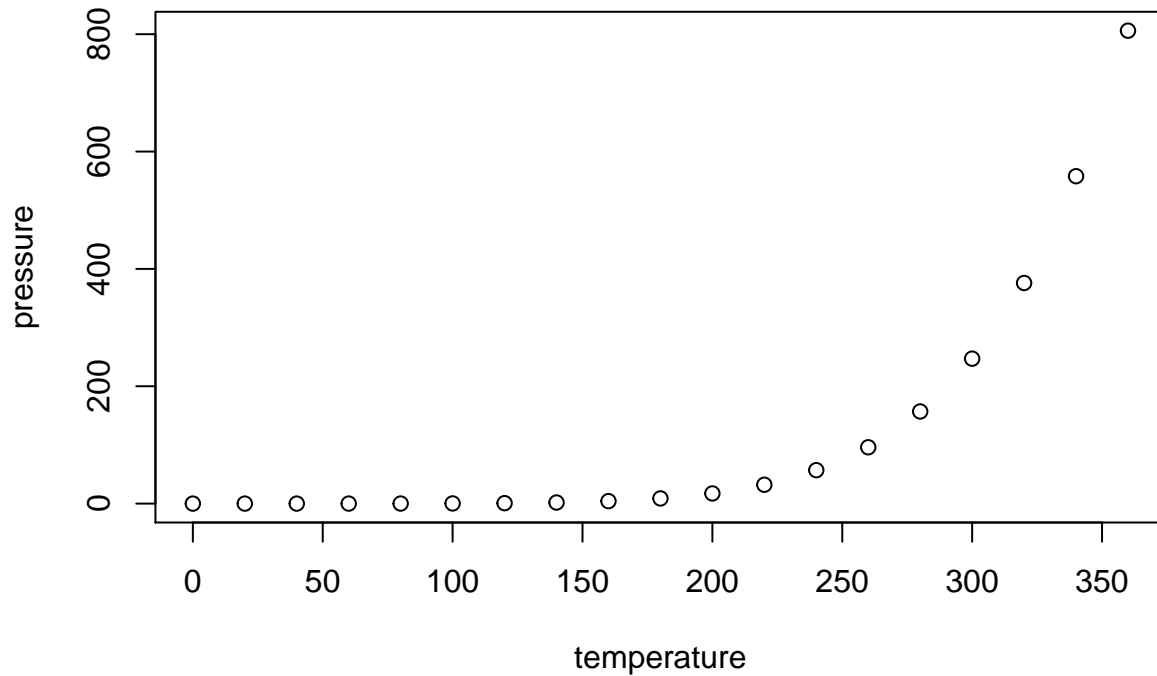
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
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.

More LaTeX tricks

Summation

$$\sum_{i=1}^S n_i$$

Sentence text

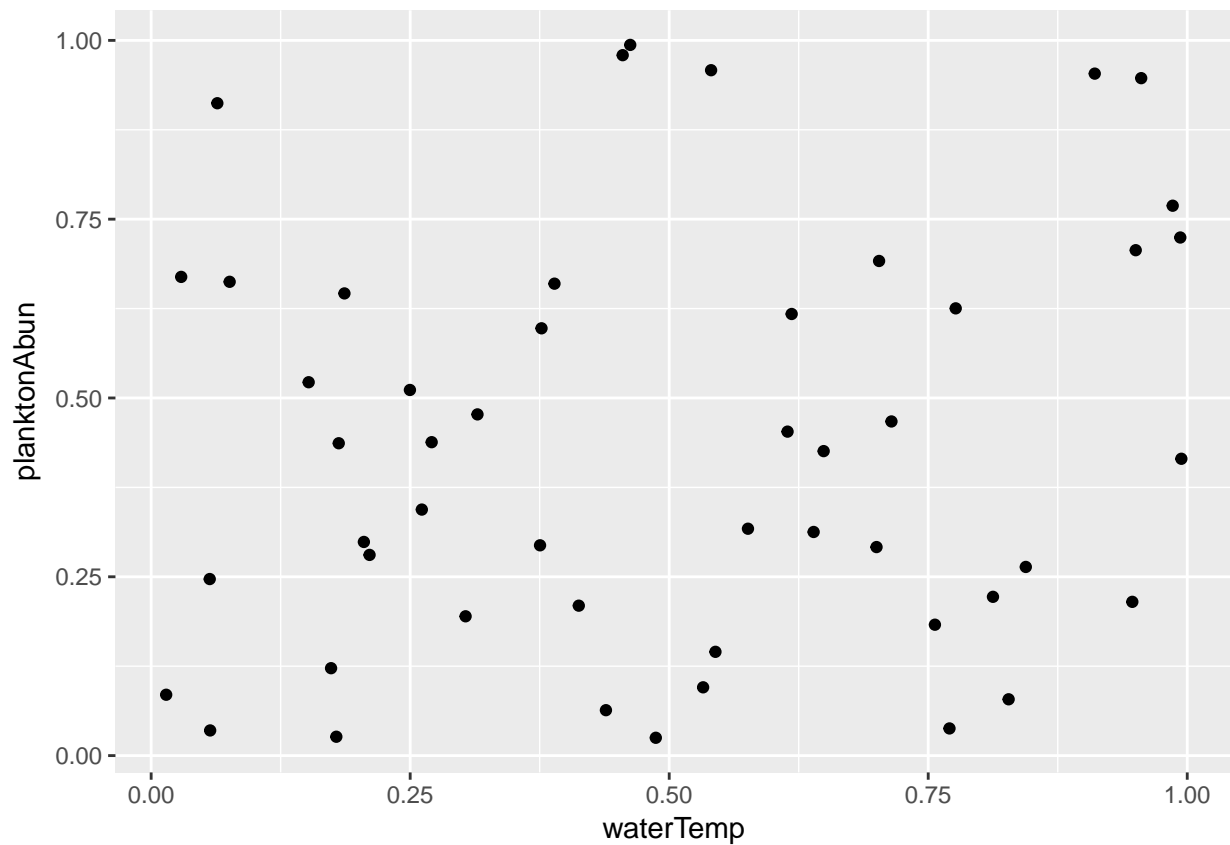
$$p(\text{Occurrence of Species X}) = 0.67$$

Escaping the backslash

$$\backslash a \leq b \backslash$$

Rendering code of

```
library(ggplot2)
waterTemp <- runif(50)
planktonAbun <- runif(50)
qplot(x=waterTemp, y=planktonAbun)
```



```
# print(waterTemp)
# head(waterTemp)
```

Now we can add text here, say anything we want, ect. because we are no longer in R but back in the world of markdown

```
qplot(x=waterTemp)
```

