Prueba de RMarkdown

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R Markdown

Esto es una formula de Latex

$$\int_0^1 x\ dx = \frac{x^2}{2}\Big] 0^1 = \frac{1}{2}$$

$$\left(\frac{a}{b}\right)$$

$$[x] = \begin{cases} -x & \text{si } x \leq 0 \\ x & \text{si } x \geq 0 \end{cases}$$

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.

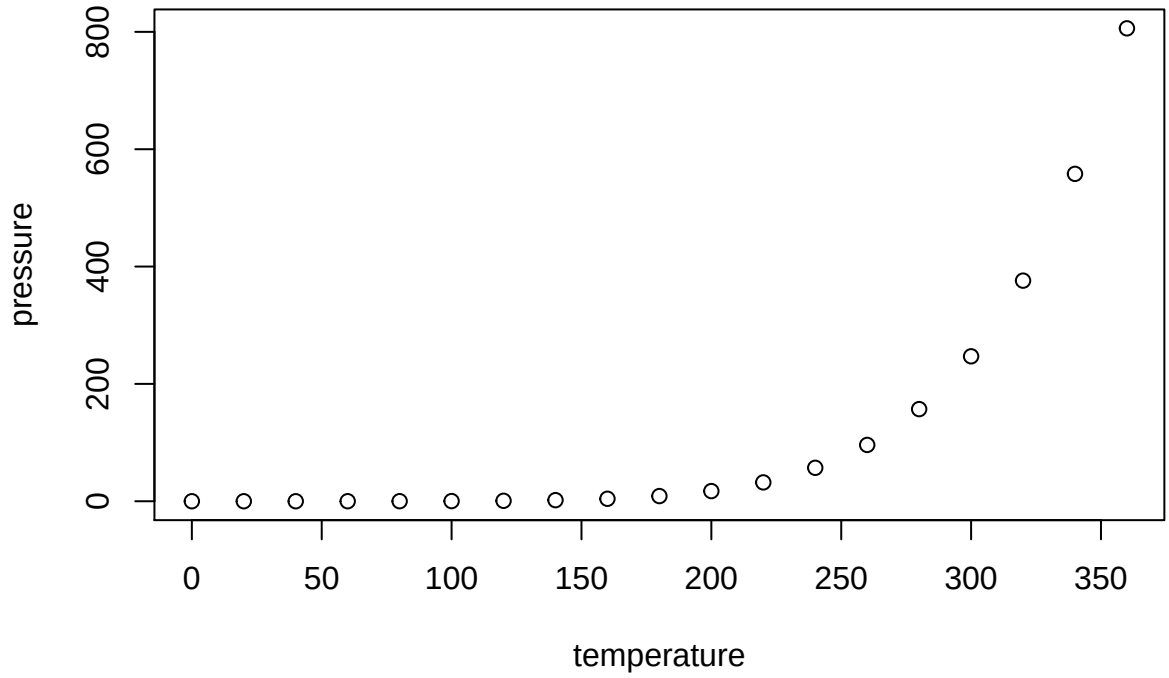
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
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.

vamos a calcular $\sqrt{2} - e^2$:

```
sqrt(2) - exp(2)
```

```
[1] -5.974843
```

```
 [1]  1  2  3  4  5  6  7  8  9 10
 [1]  1  3  6 10 15 21 28 36 45 55
```

cuando queremos hacer la raiz cuadrada de dos podemos hacerlo :

- En *latex* : $\sqrt{2}$
- En `R` seria como : 1.41
- La frase completa seria : $\sqrt{2} = 1.41$

Este Año he hecho $n = 8$ examenes, con una media de $\overline{x} = 6.88$ y una desviacion standar de $s = 2.23$.

$$\begin{pmatrix} a_{11} & a_{12} & a_{13} \\ a_{21} & a_{22} & a_{23} \end{pmatrix}$$

$$\begin{matrix} b^{11} & b^{12} & b^{13} \\ b^{21} & b^{22} & b^{23} \end{matrix}$$