

01 - Ejemplo RMD

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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>.

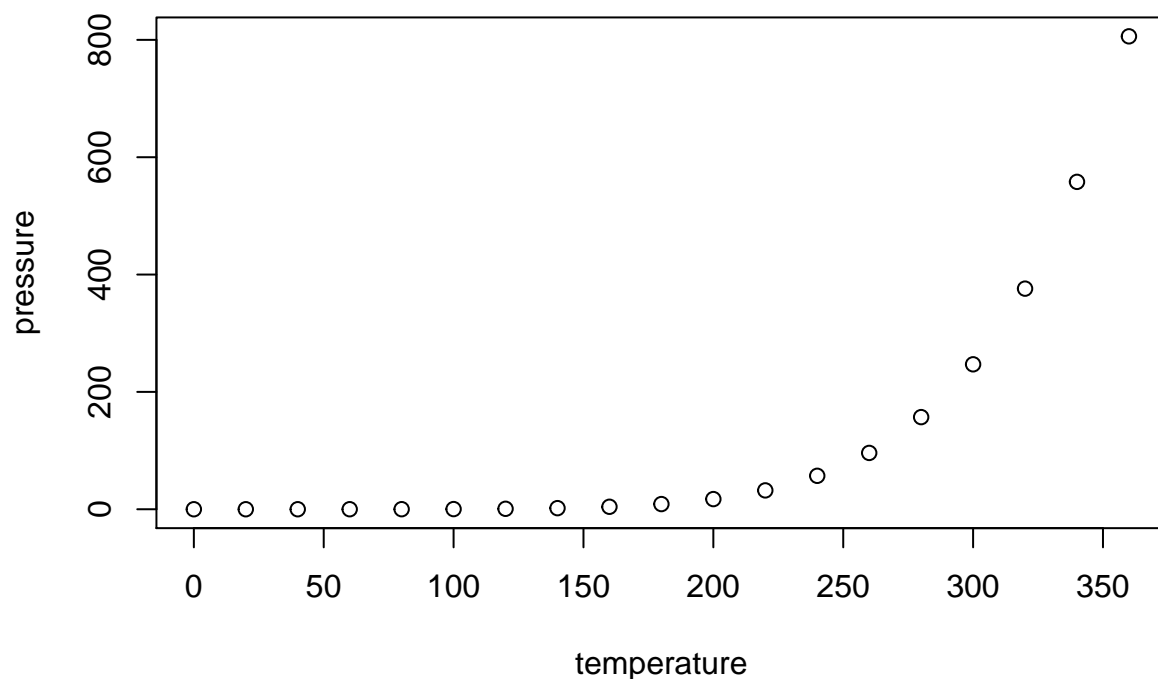
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
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.

Nuestras propias Chunks

Vamos a calcular $\sqrt{2} - e^{-2}$

```
[1] 1.278878
```

	[,1]	[,2]	[,3]	[,4]	[,5]	[,6]
[1,]	7	6	35	34	15	14
[2,]	8	5	33	36	16	13
[3,]	27	26	19	18	11	10
[4,]	25	28	20	17	9	12
[5,]	23	22	3	2	31	30
[6,]	21	24	1	4	29	32

	speed	dist
1	4	2
2	4	10
3	7	4

Para realizar cálculos dentro de los parrafos en R se puede realizar asi:

- Vamos a necesitar la raiz cuadrada de 64 -> $\sqrt{64} = 8$

Este año se he realizado 9 exámenes, donde he obtenido las siguientes notas 3, 5, 2, 2.5, 4, 5, 0, 5, 4, con un promedio de $\bar{x} = 3.39$; y una desviación estándar $s = 1.69$