

# Prueba de RMarkdown

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## R Markdown

Esto es una formula de Latex

$$\int_0^1 x \, dx = \left. \frac{x^2}{2} \right] 0^1 = \frac{1}{2}$$
$$\left( \frac{a}{b} \right)$$

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

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
```

```
sec = 1 : 10
sec
cumsum(sec)
```

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