Introducción a R

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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

## Operaciones básicas

Las operaciones básicas de matemáticas, lógica y de asiganción.

x = c(1:100)  
xi = sum(x)/length(x)  
xi

## [1] 50.5

## Vectores con datos ausentes

x2 = c(1:100, NaN, 10:-20, NaN, 27)  
x2

## [1] 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18  
## [19] 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36  
## [37] 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54  
## [55] 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72  
## [73] 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90  
## [91] 91 92 93 94 95 96 97 98 99 100 NaN 10 9 8 7 6 5 4  
## [109] 3 2 1 0 -1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14  
## [127] -15 -16 -17 -18 -19 -20 NaN 27

## Vectores que remuevan los datos ausentes y en el conteo

x3 = c(1:100, NaN, 10:-20, NaN, 27)  
x4 = sum(x3, na.rm = TRUE)/length(x3)  
x4

## [1] 36.73134

## 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.