# Exercises

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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.

We can put some formatting, for example  $\mathbf{bold}$  or italics,

## Header 1

#### Header 2

#### $\mathbf{Etc}$

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
          : 4.0
                              2.00
##
                   Min.
                           :
                    1st Qu.: 26.00
##
    1st Qu.:12.0
   Median:15.0
                   Median : 36.00
           :15.4
                           : 42.98
   Mean
                   Mean
    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  $\mbox{echo} = \mbox{FALSE}$  parameter was added to the code chunk to prevent printing of the R code that generated the plot.