

RWorksheet_HUERVANA#3a.Rmd

2023-10-04

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.

#1. There is a built-in vector LETTERS contains the uppercase letters #and letters which contains the lowercase letters of the alphabet. LETTERS

letters

#1 A Produce a vector that contains the first 11 letters.

```
LETTERS1to11 <- LETTERS[1:11] LETTERS1to11
```

#1 B Produce a vector that contains the odd numbered letters.

```
odd_letters <- LETTERS1to11[c(TRUE, FALSE)] odd_letters
```

#1 C Produce a vector that contains the vowels.

```
vowelsLETTERS <- LETTERS1to11[LETTERS1to11 %in% c("A", "E", "I", "O", "U")] vowelsLETTERS
```