RWorksheet_Barrientos#3A.Rmd

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2024-09-30

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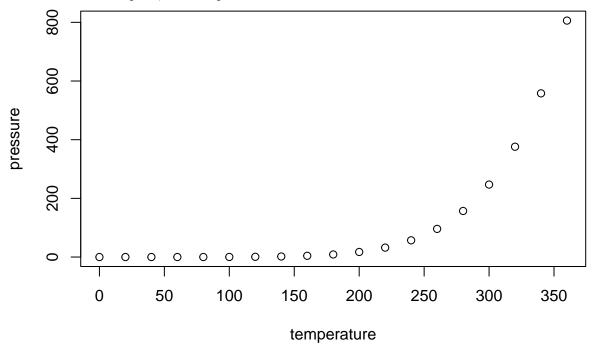
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```r
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.

A.

```
first_11_LETTERS <- (1:11)
first_11_LETTERS
```

```
##  [1]  1  2  3  4  5  6  7  8  9 10 11
```

B.

```
odd_numbers <- LETTERS[seq(1,length(LETTERS), by = 2)]
odd_numbers
```

```
##  [1] "A" "C" "E" "G" "I" "K" "M" "O" "Q" "S" "U" "W" "Y"
```

C.

```
vowels <- c("A", "E", "I", "O", "U")
vowels
```

```
## [1] "A" "E" "I" "O" "U"
```

D.

```
last_5_lowercase <- c("v", "w", "x", "y", "z")
last_5_lowercase
```

```
## [1] "v" "w" "x" "y" "z"
```

E.

```
lettersbetween_15_to_24 <- letters[15:24]
letters
```

```
##  [1] "a" "b" "c" "d" "e" "f" "g" "h" "i" "j" "k" "l" "m" "n" "o" "p" "q" "r" "s"
## [20] "t" "u" "v" "w" "x" "y" "z"
```

2.

A.