Introduction to R MarkDown

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YAML header

The YAML header is written just above this line

and output can be:- output: pdf_document output: html_document This code can only be run when we use three - with open and close

Date

We can use dynamic date in R mark Down

date: "Last editedfunction () , .POSIXct(.Internal(Sys.time()))"

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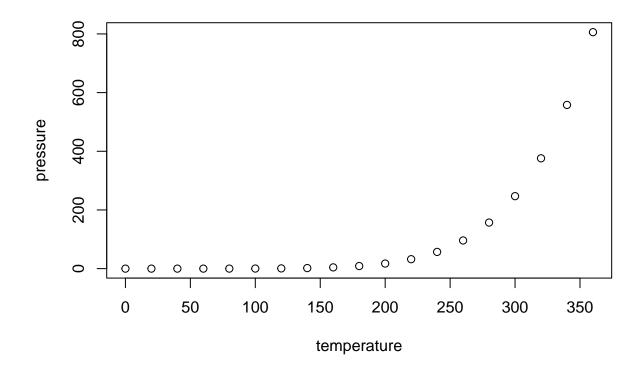
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
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.

CTRL + SHIFT + K is used to Knit the file

To give heading we can use hash # Like this:-

Heading1

Heading2

Heading3

To write code we can write like this:- `code`

To bold the text, we can write like this:- **Bold** or **bold**

To italics the text we can write like this:- *italics* or *italics*

To strike through the text we can write like this:- ~~Hello~~

R code can be written here:-

```
a <- 3+4
a
```

```
## [1] 7
```

```
# this is a comment and this is a code chunk
```