

Module2 - R Markdown Document 1

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This is a level 1 header

R Markdown

This is a level 3 header

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>.

here is a link to google [GOOGLE](#)

Here is word in **bold** and another word in **bold**.

Here is a word in *italics* and another word in *italics*.

When we compile our document, we are using the `rmarkdown` package.

Here is an example of a non-numbered list:

- Breakfast:
 - food
 - * eggs
 - * toast
 - * bacon
 - drink
 - * apple juice
- Lunch
 - taco *Dinner
 - baked chicken
 - broccoli
 - rice

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:

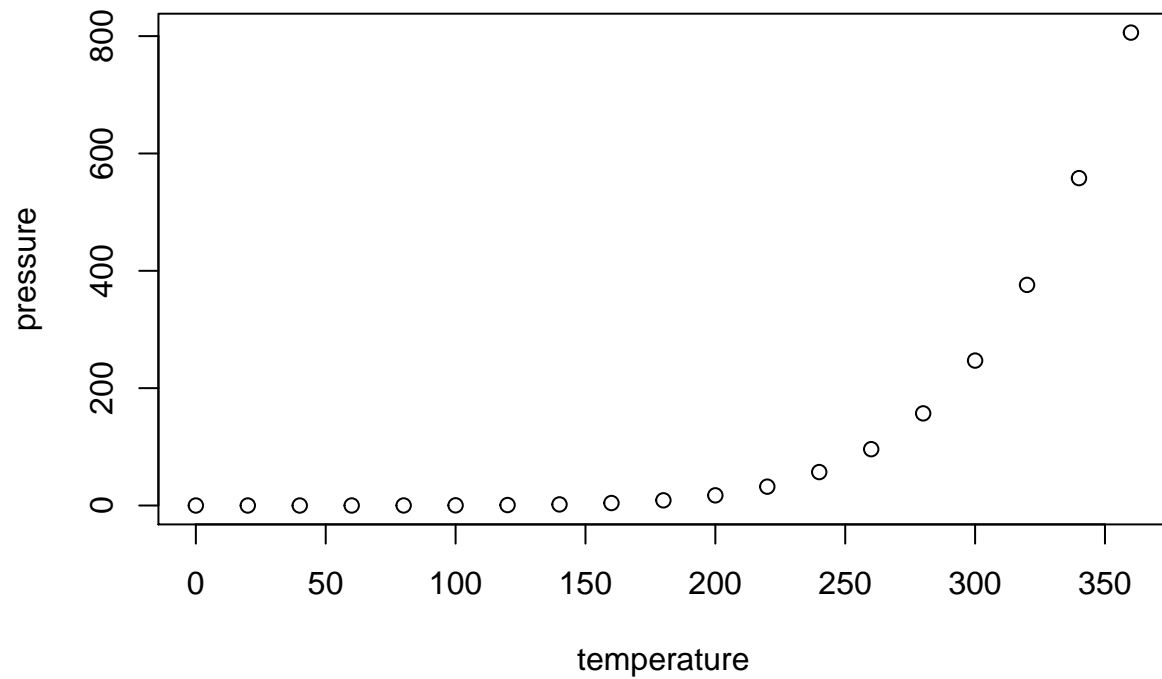
```
summary(cars)
```

```
##      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
```

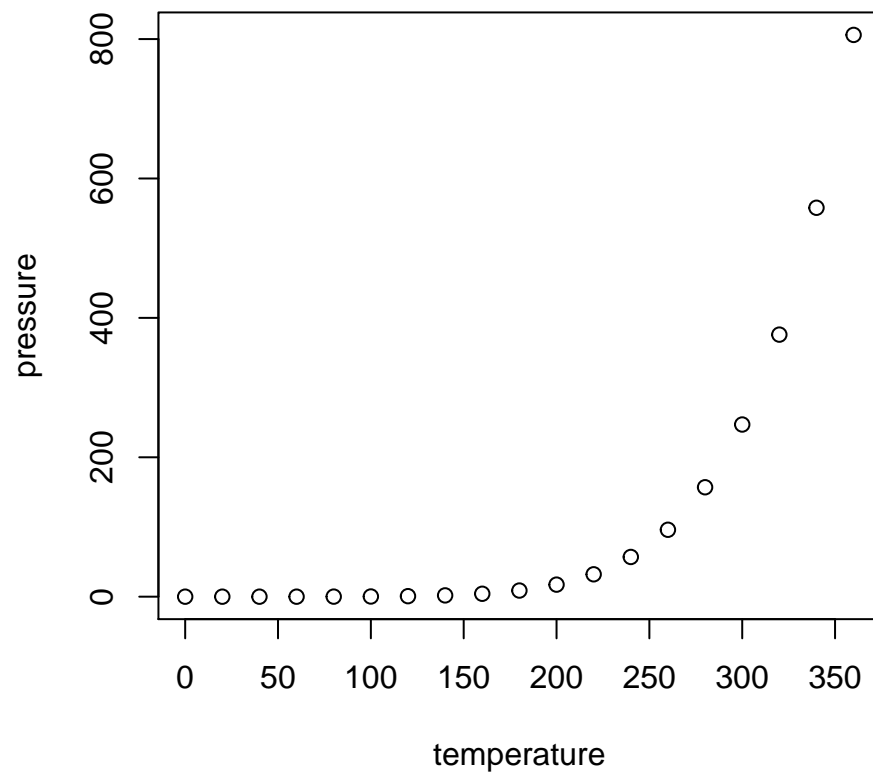
Including Plots

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.

```
plot(pressure)
```



Insert Tables

```
knitr::kable(head(cars),
               caption = "Top 6 rows of cars dataset")
```

Table 1: Top 6 rows of cars dataset

speed	dist
4	2
4	10
7	4
7	22
8	16
9	10

Insert an equation

$$Y = \beta_0 + \beta_1 x$$

Insert Images

Here is an image inserted

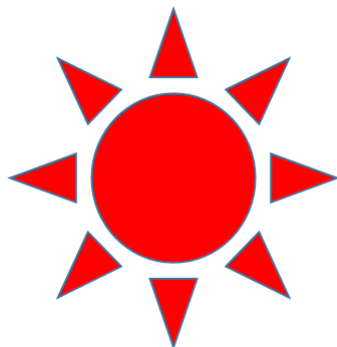


Figure 1: sunstar

Insert an animated gif and Video

Insert text with some footnotes

Here is footnote reference ¹ and another ²

Here is an inline footnote ³

¹Here is the footnote.

²Here's one with multiple blocks.

³Inline notes are easier to write, since you dont have to pick an identifier and move down to type