

# My R Markdown Primer

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#Introduction to R Markdown

#R Markdown is a file format for making dynamic documents in R. It is written in markdown and contains chunks of embedded R code.

##Narrative Paragraph

#This is a practice narrative paragraph. Practicing R Markdown. I do not know if I like this.

This is an inline equation:  $y = mx + b$ .

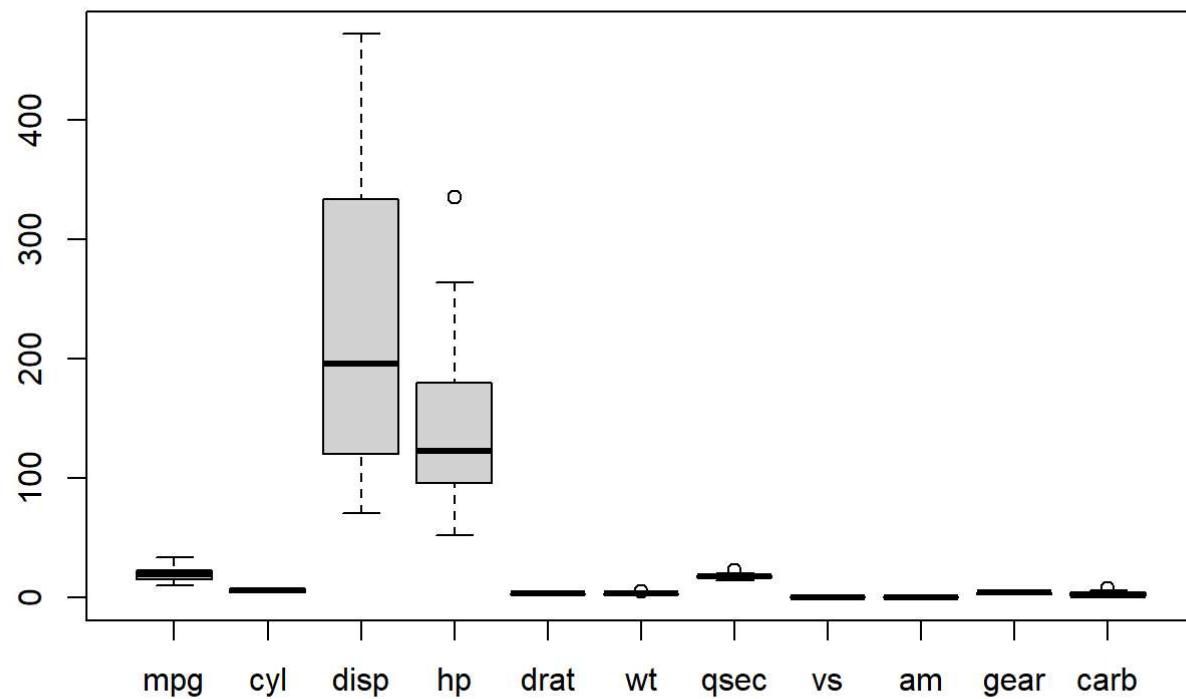
And here is a displayed equation, used for a linear relationship of a line:

$$y = mx + b$$

```
library(ggplot2)
data(mtcars)
summary(mtcars)
```

```
##      mpg          cyl         disp        hp
## Min.   :10.40   Min.   :4.000   Min.   : 71.1   Min.   : 52.0
## 1st Qu.:15.43   1st Qu.:4.000   1st Qu.:120.8   1st Qu.: 96.5
## Median :19.20   Median :6.000   Median :196.3   Median :123.0
## Mean    :20.09   Mean    :6.188   Mean    :230.7   Mean    :146.7
## 3rd Qu.:22.80   3rd Qu.:8.000   3rd Qu.:326.0   3rd Qu.:180.0
## Max.   :33.90   Max.   :8.000   Max.   :472.0   Max.   :335.0
##      drat          wt         qsec        vs
## Min.   :2.760   Min.   :1.513   Min.   :14.50   Min.   :0.0000
## 1st Qu.:3.080   1st Qu.:2.581   1st Qu.:16.89   1st Qu.:0.0000
## Median :3.695   Median :3.325   Median :17.71   Median :0.0000
## Mean    :3.597   Mean    :3.217   Mean    :17.85   Mean    :0.4375
## 3rd Qu.:3.920   3rd Qu.:3.610   3rd Qu.:18.90   3rd Qu.:1.0000
## Max.   :4.930   Max.   :5.424   Max.   :22.90   Max.   :1.0000
##      am          gear         carb
## Min.   :0.0000   Min.   :3.000   Min.   :1.000
## 1st Qu.:0.0000   1st Qu.:3.000   1st Qu.:2.000
## Median :0.0000   Median :4.000   Median :2.000
## Mean    :0.4062   Mean    :3.688   Mean    :2.812
## 3rd Qu.:1.0000   3rd Qu.:4.000   3rd Qu.:4.000
## Max.   :1.0000   Max.   :5.000   Max.   :8.000
```

```
boxplot(mtcars)
```



## Conclusion

This is my first time using R Markdown. I can see the benefits in using it to create a html, pdf, or presentation faster with more features. However, I am not as experienced using R Markdown so it's easier for me to write a plain report. The embedded code feature could be useful when you need to write a report explaining certain parts of code.