

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: $y = mx + b$.

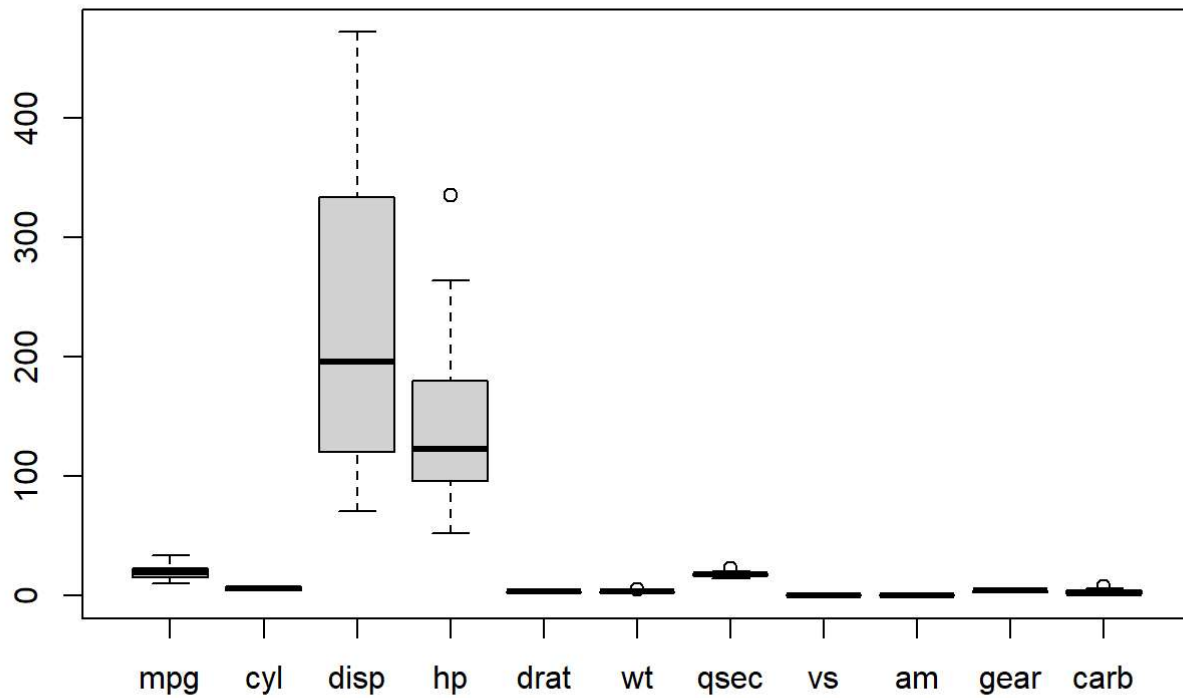
And here is a displayed equation, used for a linear relationship of a line:

$$y = mx + b$$

```
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 experience using R Markdown so it's easier for me to write a plain report. The embedded code feture could be useful when you need to write a report explaining certain parts of code.