

A Minimal Example

John Chandler

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A short R Markdown example

A quote:

R Markdown provides an authoring framework for data science.

To compile this, just click the **Knit** button in R Studio. You can actually see it rendered here.

code chunks

A *paragraph* here. A code chunk below (remember the three backticks):

```
1+1
```

```
## [1] 2
```

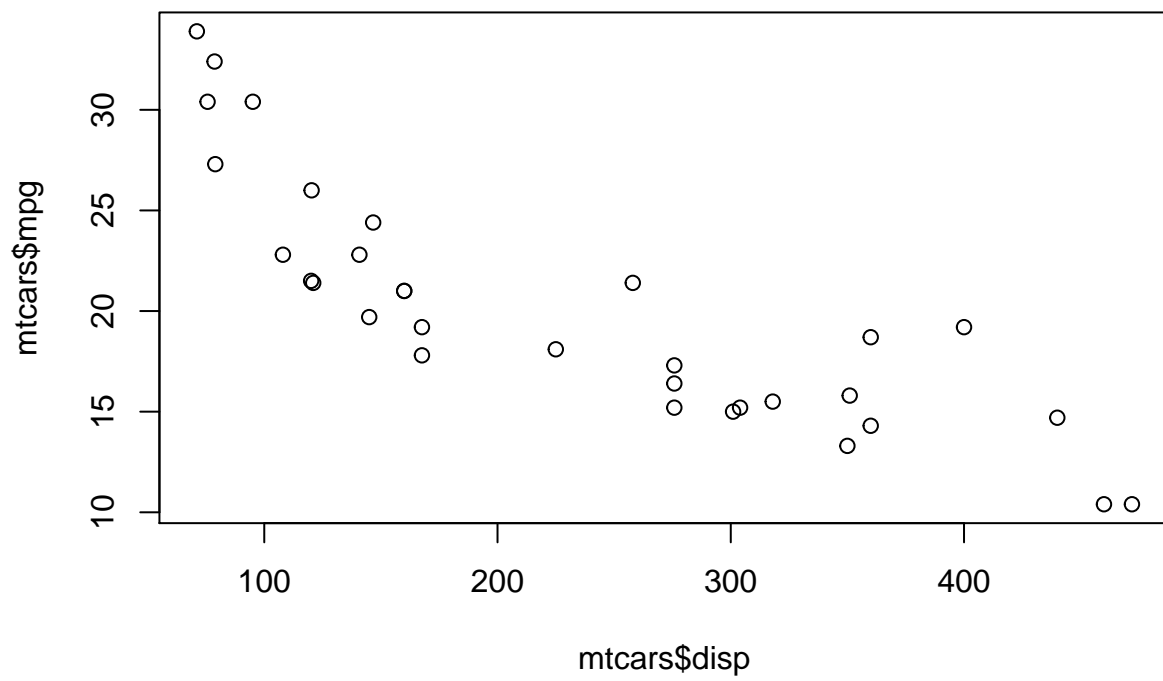
```
.4-.7+.3 # what? it is not zero!
```

```
## [1] 5.551115e-17
```

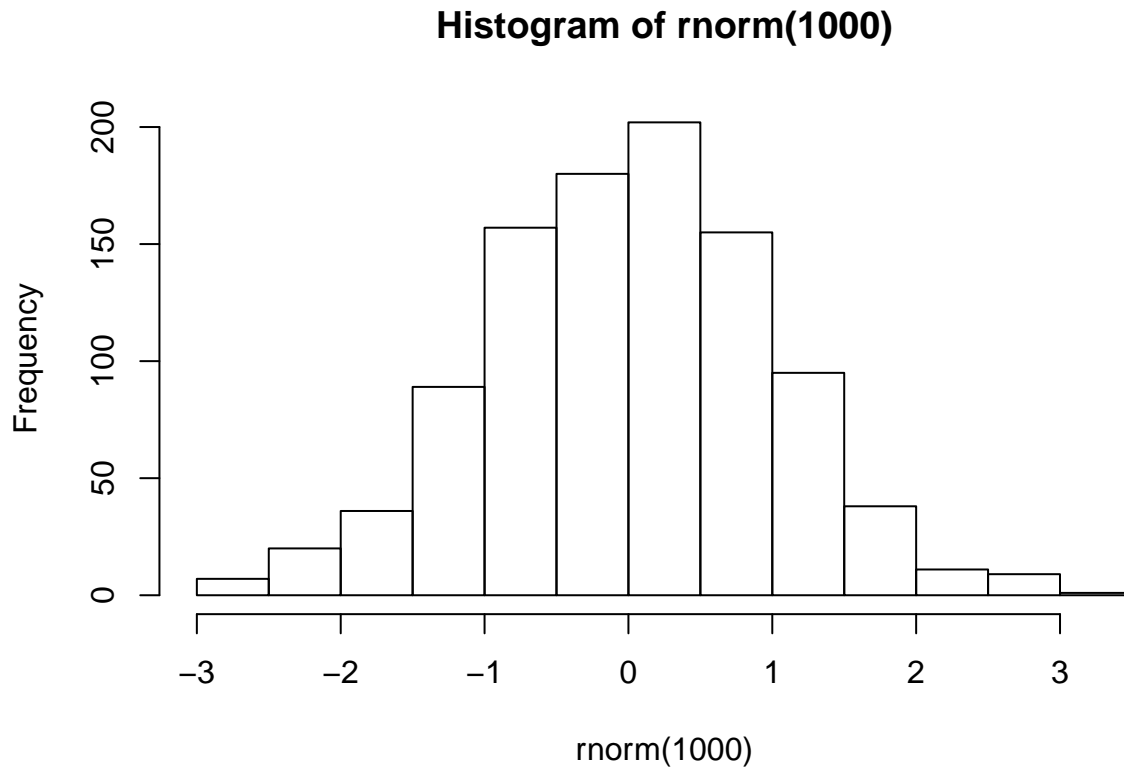
graphics

Graphics are pretty easy.

```
data(mtcars)
plot(mtcars$disp,mtcars$mpg)
```



```
hist(rnorm(1000))
```



inline code

Inline code is designated by single backticks. So we made that `mtcars` plot with `plot(mtcars$disp,mtcars$mpg)`.

math

Sigh. You cannot live without math equations. OK, here we go: $\alpha + \beta = \gamma$. Note this is not supported by native markdown. You probably want to try RStudio, or at least the R package **markdown**, or the function `knitr::knit2html()`.

nested code chunks

You can write code within other elements, e.g. a list

1. Here's one item.

```
strsplit('hello indented world', ' ')[[1]]
```

```
## [1] "hello"      "indented" "world"
```

2. And here's another.

Or inside blockquotes:

Here is a quote, followed by a code chunk:

```
x = 1:10  
rev(x^2)
```

```
## [1] 100 81 64 49 36 25 16 9 4 1
```

conclusion

We'll do more of this, but now you've got an example.

There's a comprehensive introduction on the R Studio R Markdown site.