

Lab 1 - Reproducible research with RMarkdown and Github

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Exercise 1

Symbols ## and #### are used differently on the text. First, ## are used as Header2. Second, #### are used as Header 4, which has the small size font compared to two ##.

Exercise 2

What happens when you surround text with one-star pairs?

-> The font is changed italic style.

What happens when you surround text with two-star pairs?

-> Two stars are making font bold.

What happens when you surround text with three-star pairs?

-> Three stars have italic and bold effect.

1. Start typing this list. Note there are two spaces between the period and the word “Start”.

2. Type the second line of the list

3. What happens if I type step 3 as another step 1?

-> It naturally changed to 3.

What does this do?

-> This work as a hyperlink.

[How is this different from the above?]

Exercise 3

Table 1: The table with poor spacing

Column 1	Column 2	Column 3	Column 4
Notice are	what doing?	the	colons

Table 2: The table with good spacing

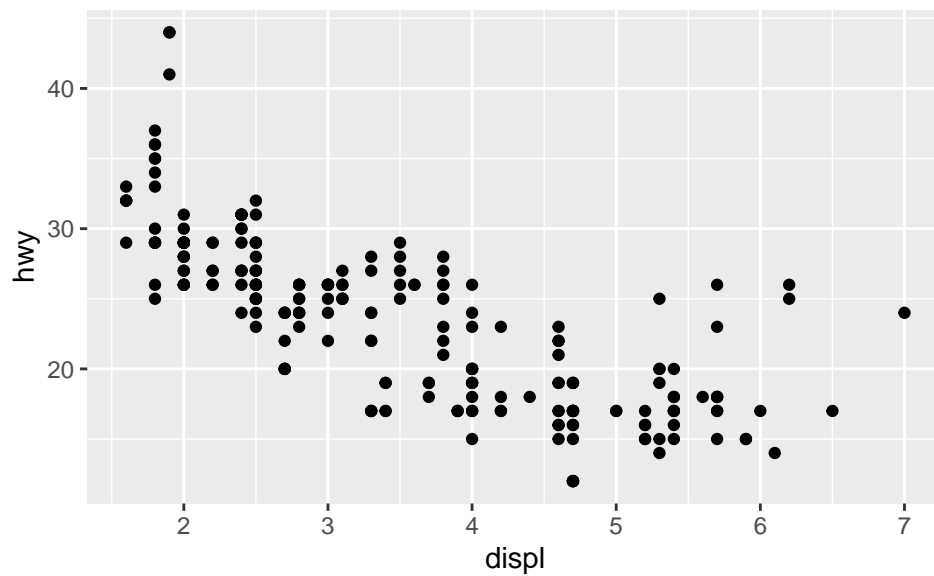
Column 1	Column 2	Column 3	Column 4
Notice are	what doing?	the	colons

Exercise 4

Column 1	Column 2	Column 3	Column 4	Column 5
Notice are	what doing?	the	colons	CDS 101 CDS 102

Exercise 5

```
qplot(x = displ, y = hwy, data = mpg)
```



Exercise 6

```
print(mpg)
```

```
## # A tibble: 234 x 11
##   manufacturer model      displ  year   cyl trans drv     cty   hwy fl      class
##   <chr>          <chr>    <dbl> <int> <int> <chr> <chr> <int> <int> <chr> <chr>
## 1 audi          a4         1.8  1999     4 auto~ f      18    29 p    comp~
## 2 audi          a4         1.8  1999     4 manu~ f      21    29 p    comp~
## 3 audi          a4         2    2008     4 manu~ f      20    31 p    comp~
## 4 audi          a4         2    2008     4 auto~ f      21    30 p    comp~
## 5 audi          a4         2.8  1999     6 auto~ f      16    26 p    comp~
## 6 audi          a4         2.8  1999     6 manu~ f      18    26 p    comp~
## 7 audi          a4         3.1  2008     6 auto~ f      18    27 p    comp~
## 8 audi          a4 quattro 1.8  1999     4 manu~ 4      18    26 p    comp~
## 9 audi          a4 quattro 1.8  1999     4 auto~ 4      16    25 p    comp~
## 10 audi         a4 quattro 2    2008     4 manu~ 4      20    28 p    comp~
## # ... with 224 more rows
```