

The Power of R Markdown

`rmarkdown::beamer_presentation`

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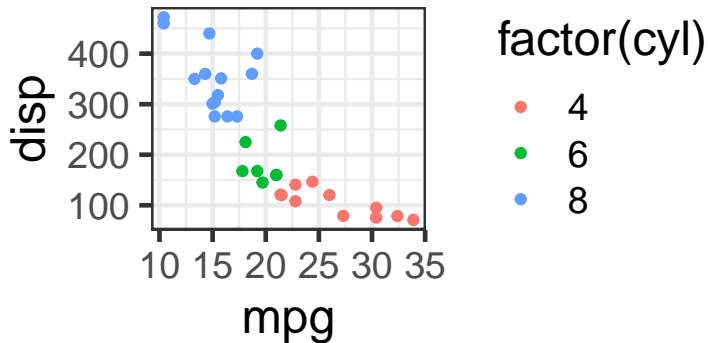
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Section 1

Power of R Markdown

Example: my fancy graph

Behold! My plot that shows the linear trend!



Example: code and output demonstration

This is how you use tidyverse to fit simple linear models to each level in `cyl` .

```
library(tidyverse)
mtcars %>%
  split(.$cyl) %>%
  map_dfr(~{
    fit <- lm(mpg ~ disp, data = .)
    slope_ests <- coef(fit)
    c(cyl = .$cyl[1], n = nrow(.), slope_ests)
  })
```

```
## # A tibble: 3 x 4
##   cyl      n `(Intercept)`      disp
##   <dbl> <dbl>         <dbl>    <dbl>
## 1     4    11          40.9 -0.135
## 2     6     7          19.1  0.00361
## 3     8    14          22.0 -0.0196
```

R Markdown Motivation: More robust to modifications

