R Markdown PDF output demo

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Inline R code

Beware of counting your chickens: `1 + 1` does not always equal 2!

R code chunks

```
summary(cars)
```

echo=T, eval=F

```
str(cars)
```

echo=T, eval=T (default)

```
## 'data.frame':    50 obs. of  2 variables:
##  $ speed: num  4 4 7 7 8 9 10 10 10 11 ...
##  $ dist : num  2 10 4 22 16 10 18 26 34 17 ...
```

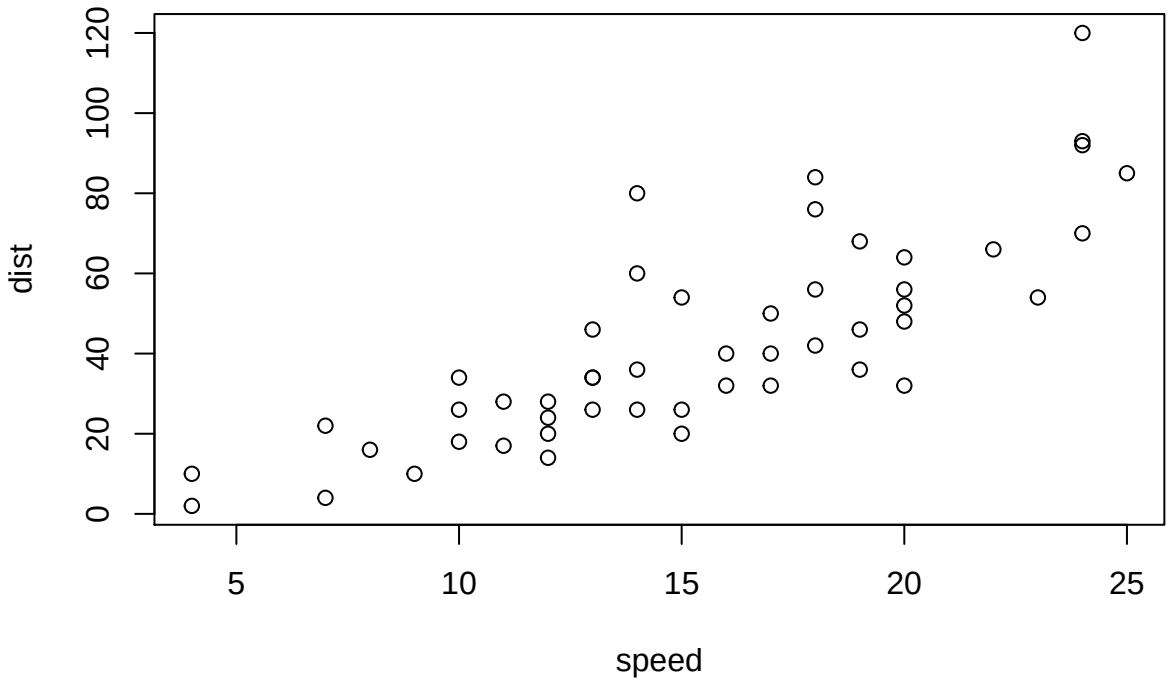
```
head(cars)
```

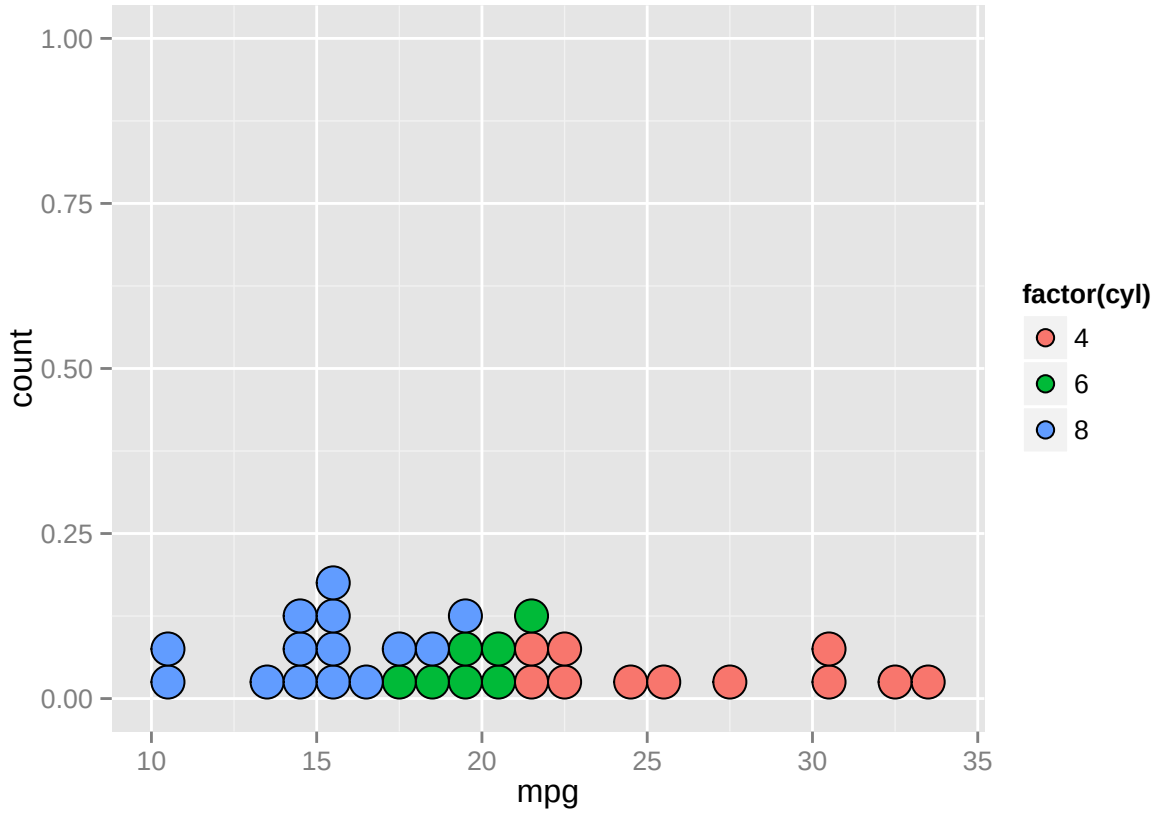
```
##   speed dist
## 1     4    2
## 2     4   10
## 3     7    4
## 4     7   22
## 5     8   16
## 6     9   10
```

```
summary(cars)
```

```
##      speed           dist
##  Min.   : 4.0   Min.   :  2.00
##  1st Qu.:12.0   1st Qu.: 26.00
##  Median :15.0   Median : 36.00
##  Mean   :15.4   Mean   : 42.98
##  3rd Qu.:19.0   3rd Qu.: 56.00
##  Max.   :25.0   Max.   :120.00
```

```r
plot(cars)
```





echo=F, eval=T

Embedding HTML and LaTeX

- If you know it, you can use HTML syntax freely: `<img src="filepath" alt="alt text" style="width:400px;height:400px">`
- You can embed LaTeX equations using '$'-signs: $E = mc^2$

Render your document

- With 'knit' (Ctrl+Shift+K) in RStudio...
- Or `rmarkdown::render('filepath/filename.Rmd')` in R Console.

Remote collaboration

- Wieling e.g. Rmd
- Wieling e.g. HTML