

RMarkdown - Challenge Examples

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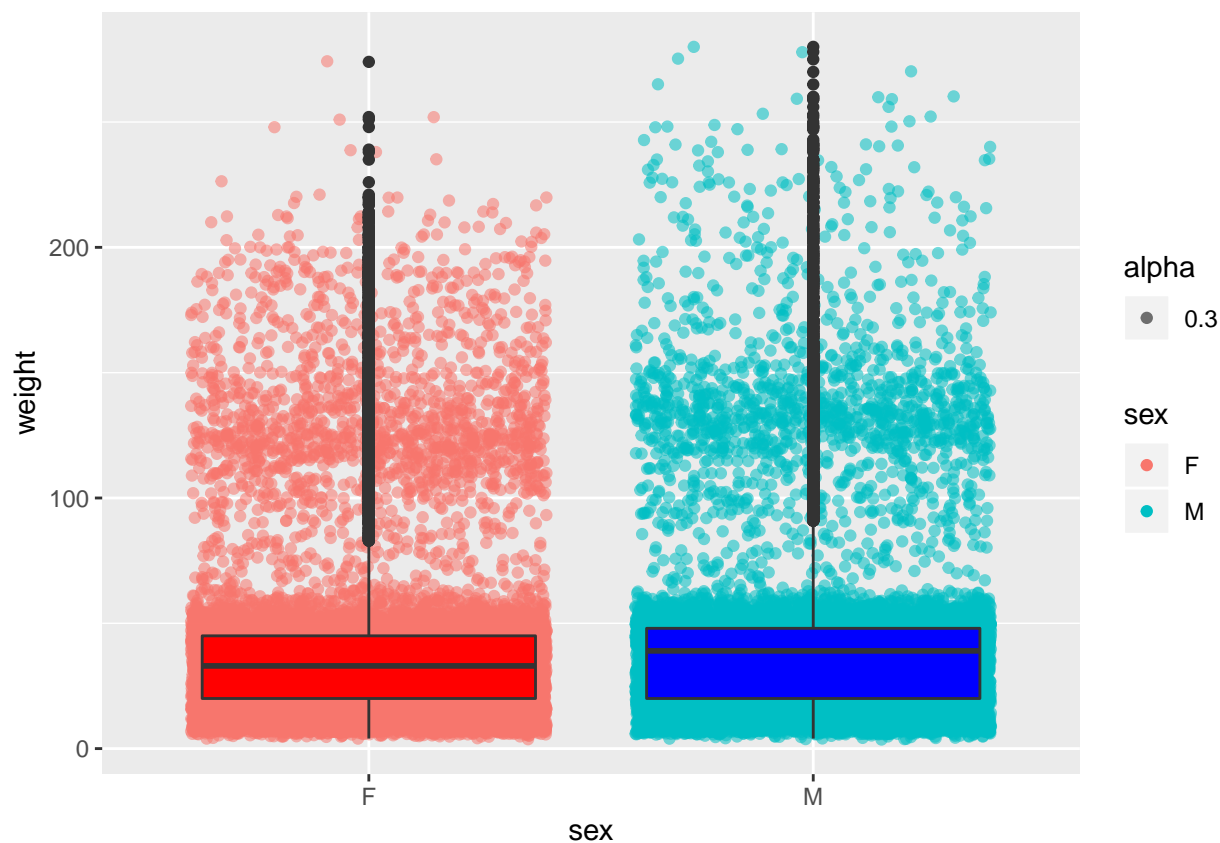
Challenge 1

RMarkdown is really cool and can be used to make **reproducible** reports.

- Some benefits of using RMarkdown are:
 - combines text, code, figures, tables
 - write papers without having to remember to swap figures, change cell values in table.
 - automatically generate reports
 - *reproducible* documents

Challenge 2

```
library(ggplot2)
surveys <- read.csv("C:/Users/Maria/Desktop/DataCarpentry/Clean/portal_clean.csv")
ggplot(surveys, aes(x=sex, y=weight)) +
  geom_jitter(aes(alpha=0.3, color=sex)) +
  geom_boxplot(fill=c("red", "blue"))
```



Challenge 3

```
# ```{r boxplotsbyweight, echo=FALSE, fig.height=3, fig.width=5}  
# ggplot(surveys, aes(x=sex, y=weight)) +  
#   geom_jitter(aes(alpha=0.3, color=sex)) +  
#   geom_boxplot(fill=c("red", "blue"))
```