

ASSIGNMENT 4

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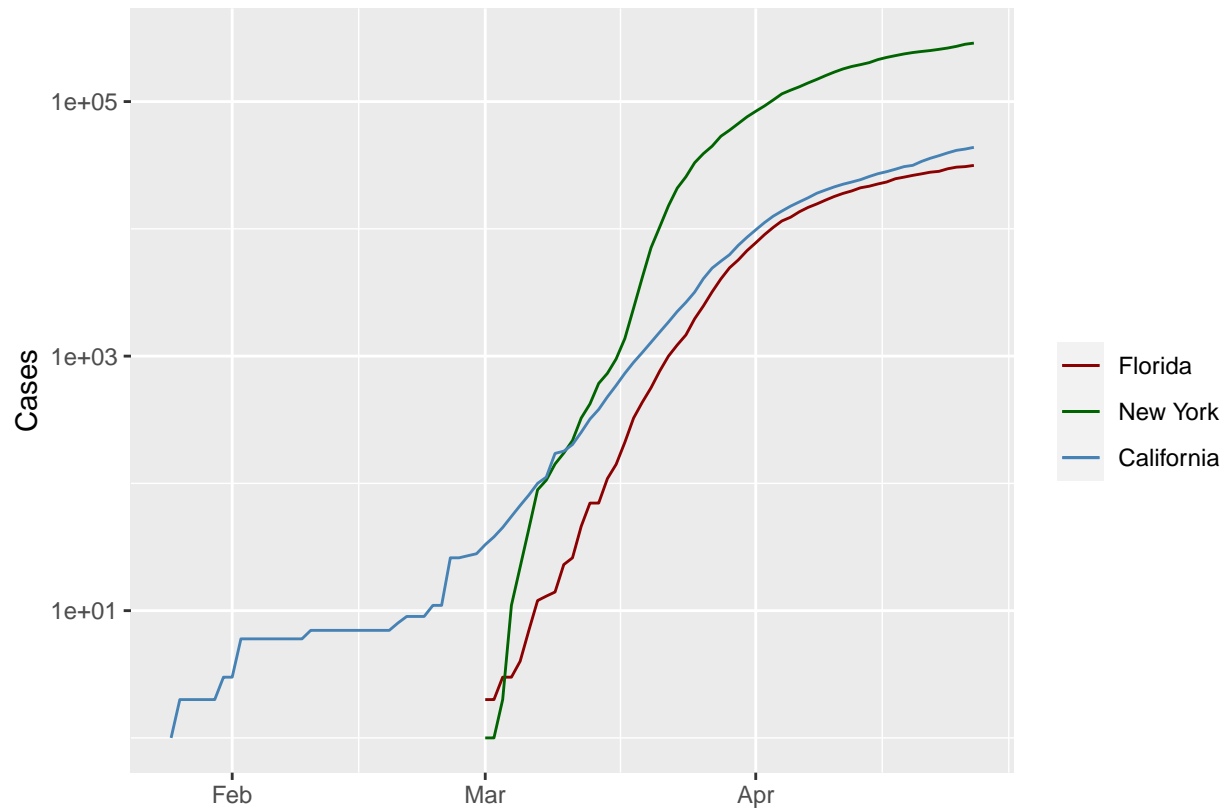
Markdown Basics

Favorite Foods

1. Pizza
2. Burger
3. Pad Thai

Images

```
## Warning: package 'ggplot2' was built under R version 4.0.2
```



All Cases (Log Plot)

Add a Quote

The best way to find yourself is to lose yourself in the service of others

Add an Equation

$$P(A \mid B) = P(B \mid A)P(A)$$

Add a Footnote

This is a footnote.¹

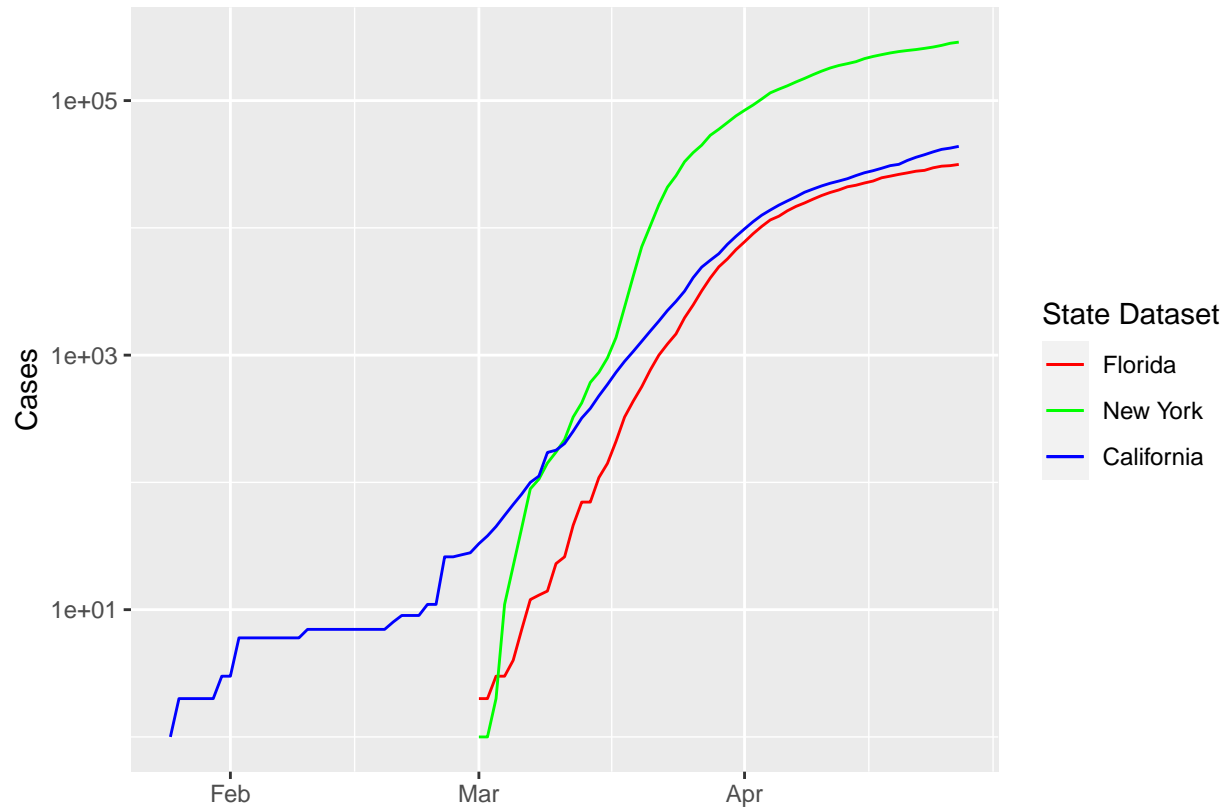
Add Citations

- R for Everyone (Lander 2014)
- Discovering Statistics Using R (Field, Miles, and Field 2012)

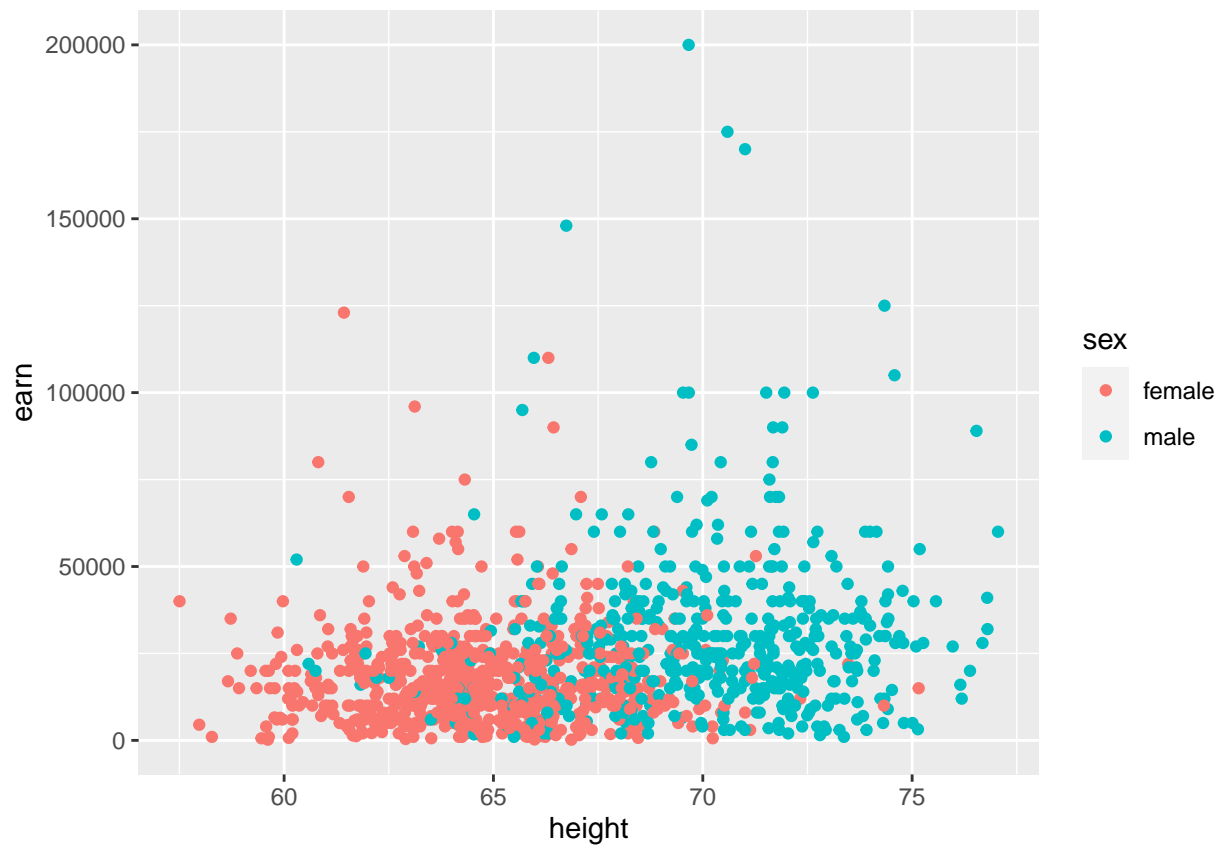
¹This is a footnote in R Markdown

Inline Code

NY Times COVID-19 Data



R4DS Height vs Earnings



Tables

Knitr Table with Kable

Table 1: One Ring to Rule Them All

name	race	in_fellowship	ring_bearer	age
Aragon	Men	TRUE	FALSE	88
Bilbo	Hobbit	FALSE	TRUE	129
Frodo	Hobbit	TRUE	TRUE	51
Galadriel	Elf	FALSE	FALSE	7000
Sam	Hobbit	TRUE	TRUE	36
Gandalf	Maia	TRUE	TRUE	2019

Pandoc Table

```
##
##
## +-----+-----+-----+-----+-----+
## |   Name   |   Race   | In Fellowship? | Is Ring Bearer? | age |
## +=====+=====+=====+=====+=====+
## |   Aragon   |   Men    |      Yes       |      No         |  88 |
## +-----+-----+-----+-----+-----+
## |   Bilbo    | Hobbit   |      No        |      Yes         | 129 |
## +-----+-----+-----+-----+-----+
## |   Frodo     | Hobbit   |      Yes       |      Yes         |  51 |
## +-----+-----+-----+-----+-----+
## | Galadriel  |   Elf    |      No        |      No          | 7000 |
## +-----+-----+-----+-----+-----+
## |     Sam     | Hobbit   |      Yes       |      Yes         |  36 |
## +-----+-----+-----+-----+-----+
## | Gandalf    |   Maia   |      Yes       |      Yes         | 2019 |
## +-----+-----+-----+-----+-----+
## | Legolas    |   Elf    |      Yes       |      No          | 2931 |
## +-----+-----+-----+-----+-----+
## | Sauron     |   Maia   |      No        |      Yes         | 7052 |
## +-----+-----+-----+-----+-----+
## | Gollum     | Hobbit   |      No        |      Yes         |  589 |
## +-----+-----+-----+-----+-----+
```

References

1. Lander, J. P. 2014. R for Everyone: Advanced Analytics and Graphics. Addison-Wesley Data and Analytics Series. Addison-Wesley. <https://books.google.com/books?id=3eBVAgAAQBAJ>.
2. R Core Team. 2020. R: A Language and Environment for Statistical Computing. Vienna, Austria: R Foundation for Statistical Computing. <https://www.R-project.org/>.
3. Xie, Yihui. 2016. Bookdown: Authoring Books and Technical Documents with R Markdown. Boca Raton, Florida: Chapman; Hall/CRC. <https://github.com/rstudio/bookdown>.
4. <https://bookdown.org/yihui/rmarkdown-cookbook>