

ASSIGNMENT 4

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Markdown Basics

Favorite Foods

1. Pizza
2. Quesadillas
3. BBQ Brisket

Images

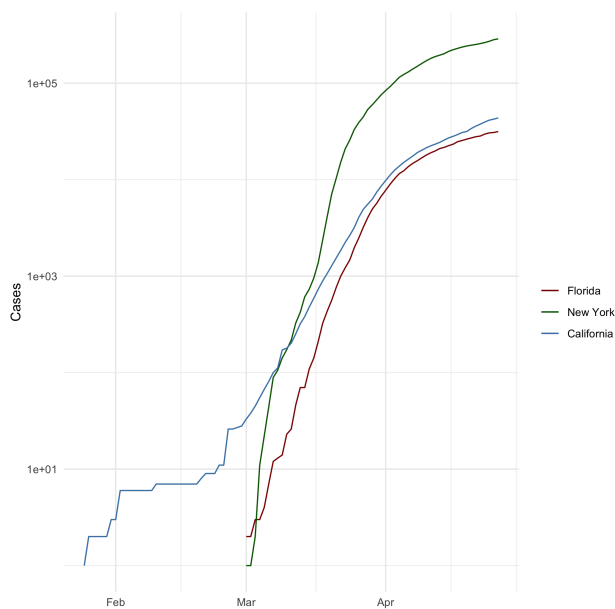


Figure 1: All Cases (Log Plot)

Add a Quote

“The inability to predict outliers implies the inability to predict the course of history”
— Nassim Nicholas Taleb, *The Black Swan: The Impact of the Highly Improbable*

Add an Equation:

Faraday's Law: $\oint_{\partial\Sigma} \mathbf{E} \cdot d\mathbf{l} = - \int_{\Sigma} \frac{\partial \mathbf{B}}{\partial t} \cdot d\mathbf{A}$

Add a Footnote

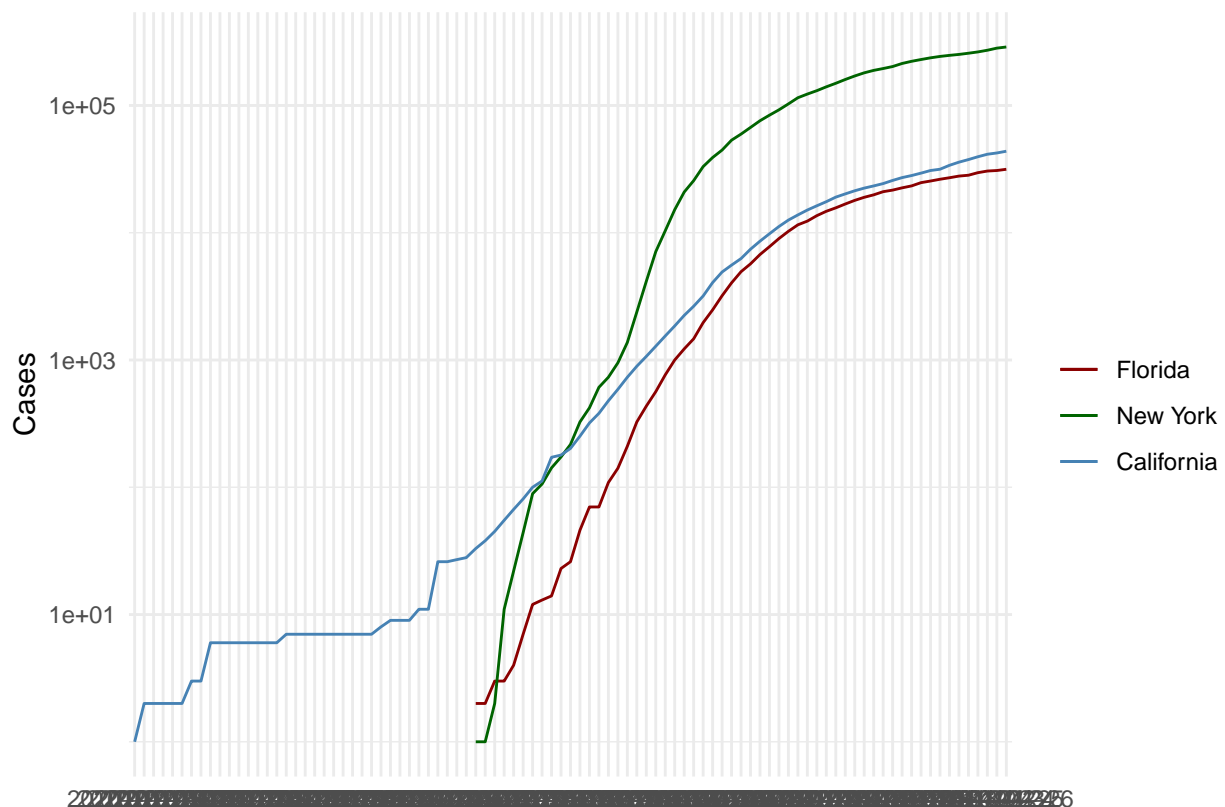
See footnote¹

Add Citations

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

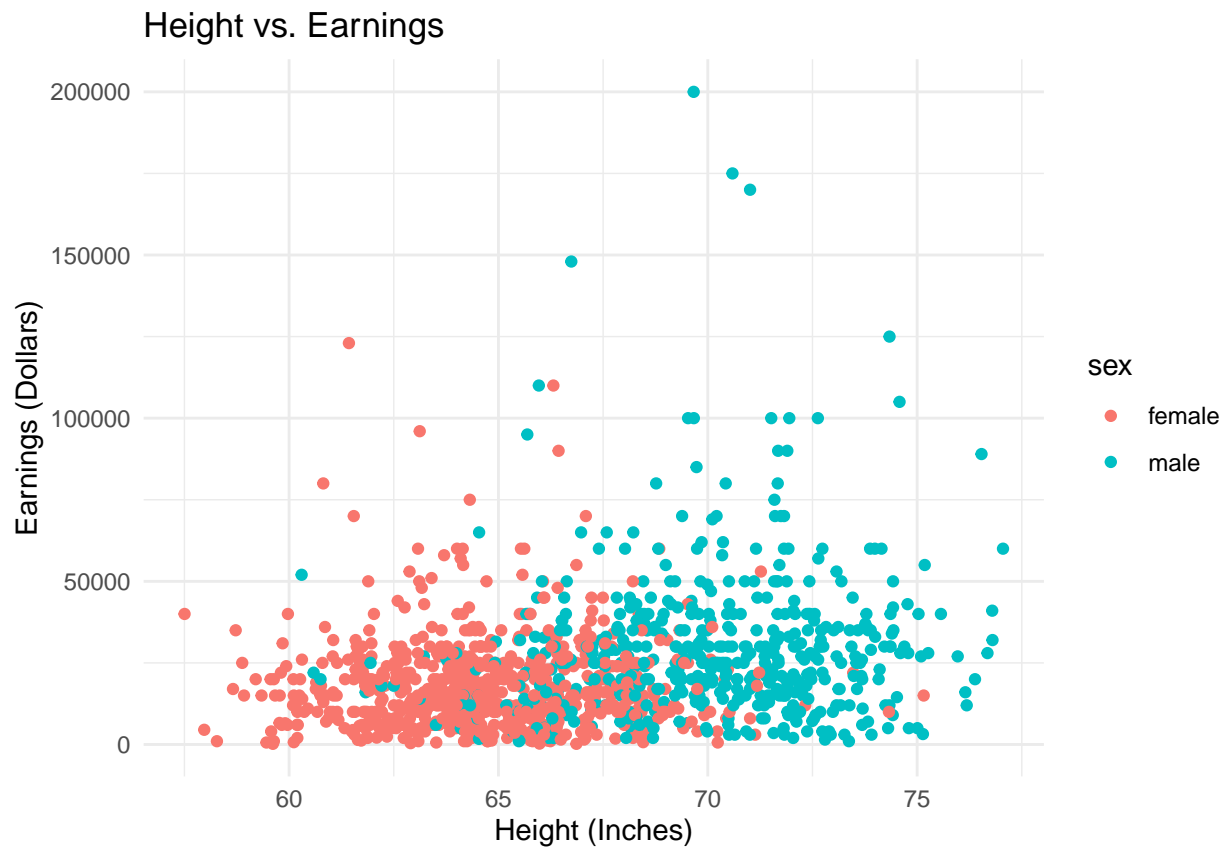
Inline Code

NY Times COVID-19 Data



¹You found the footnote!

R4DS Height vs Earnings



Tables

Knitr Table with Kable

```
knitr::kable(characters_df, caption = "One Ring to Rule Them All")
```

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
Legolas	Elf	TRUE	FALSE	2931
Sauron	Maia	FALSE	TRUE	7052
Gollum	Hobbit	FALSE	TRUE	589

Pandoc Table

```
library(pander)
pandoc.table(characters_df, caption = "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
##
##   Legolas     Elf     TRUE           FALSE   2931
##
##   Sauron      Maia    FALSE          TRUE   7052
##
##   Gollum      Hobbit   FALSE          TRUE    589
## -----
##
## Table: One Ring to Rule Them All
```

References

- Field, A., J. Miles, and Z. Field. 2012. *Discovering Statistics Using R*. SAGE Publications. <https://books.google.com/books?id=wd2K2zC3swIC>.
- 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>.