ASSIGNMENT 4

Ayachit Madhukar

2020-09-21

Markdown Basics

Favorite Foods

1.Pizza
2.Tacos
3.Pad Thai

Images

Add a Quote

```
The path of the righteous man is beset on all sides by the iniquities of the selfish and the tyranny of
```

Add an Equation

$$P(A|B) = P(B|A)P(A)/P(B)$$

Add a Footnote

This is a footnote from assigbnment 4 Markdown
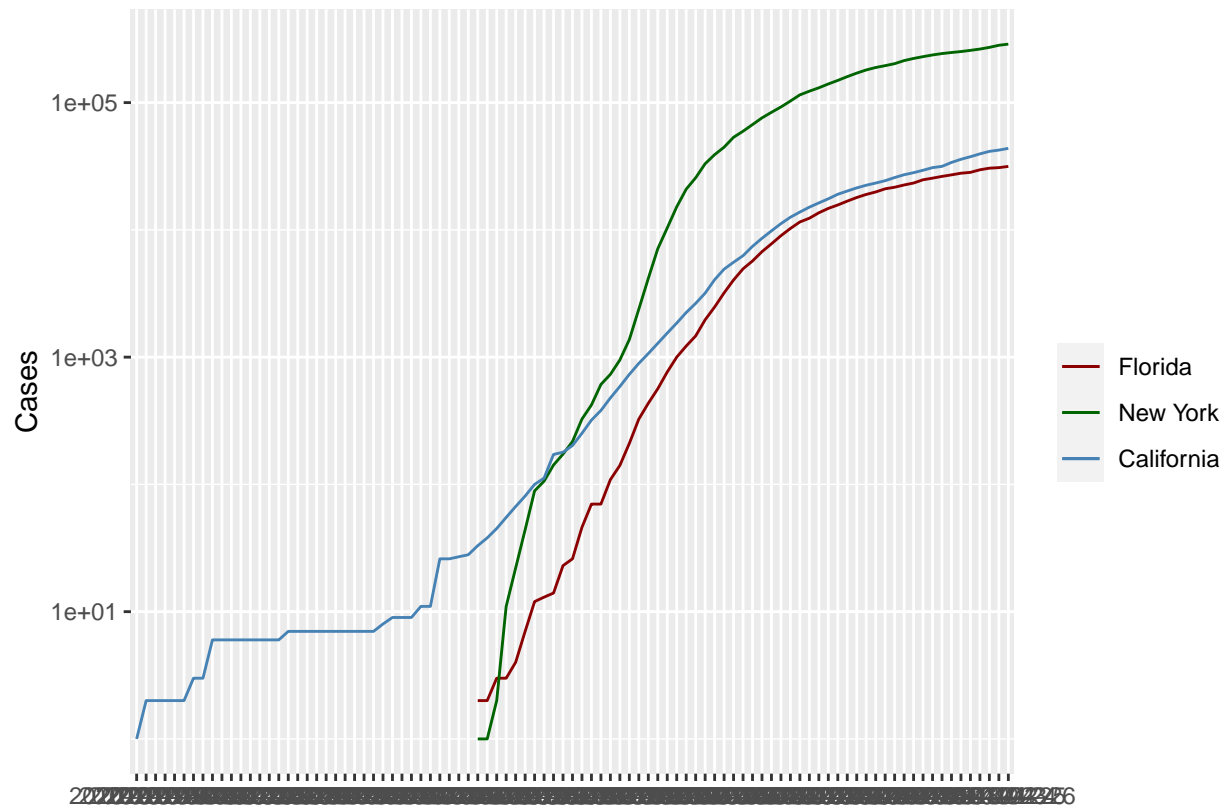
Add Citations
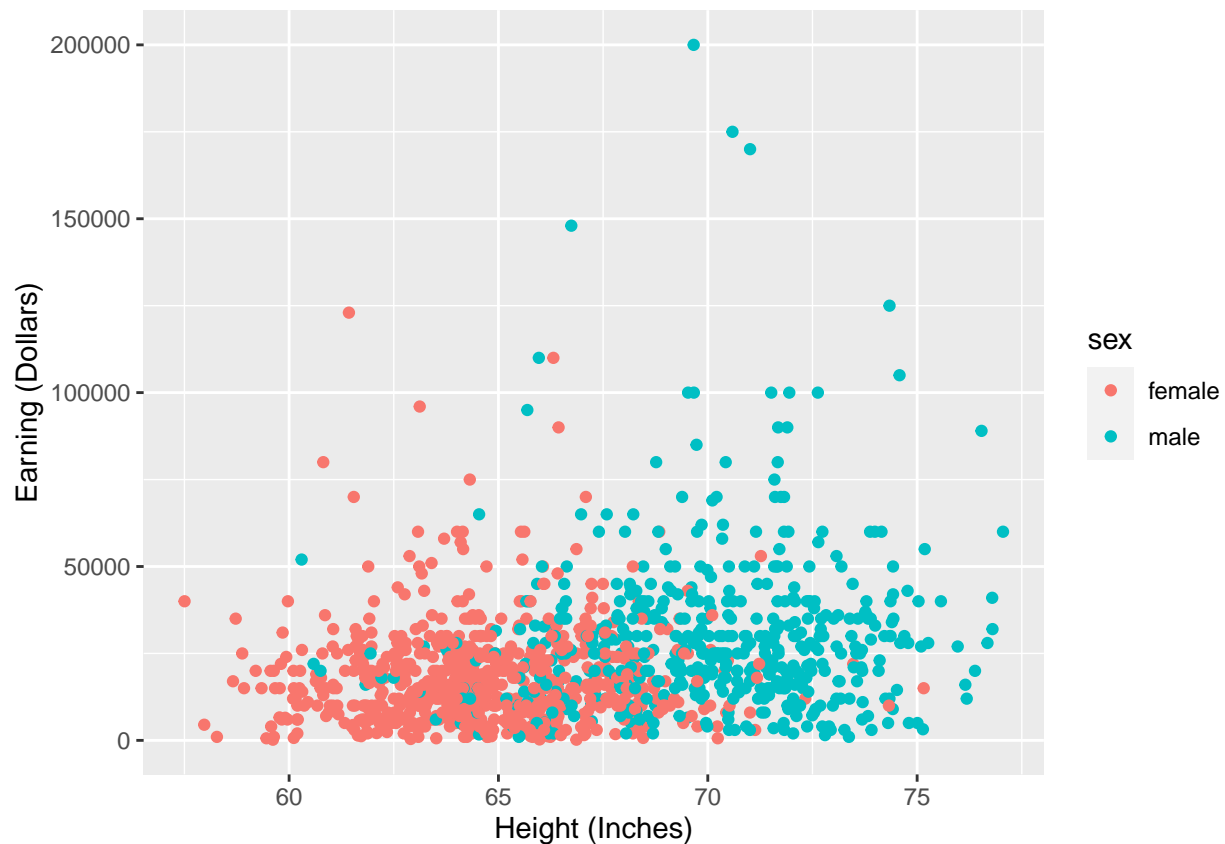
- R for Everyone
- Discovering Statistics Using R

Figure 1: 'All Cases (Log Plot)'

Inline Code

NY Times COVID-19 Data

R4DS Height vs Earnings

Tables

Knitr Table with Kable

```r
name <- c("Aragon", "Bilbo", "Frodo", "Galadriel", "Sam", "Gandalf", "Legolas", "Sauron", "Gollum")
race <- c("Men", "Hobbit", "Hobbit", "Elf", "Hobbit", "Maia", "Elf", "Maia", "Hobbit")
in_fellowship <- c(TRUE, FALSE, TRUE, FALSE, TRUE, TRUE, TRUE, FALSE, FALSE)
ring_bearer <- c(FALSE, TRUE, TRUE, FALSE, TRUE, TRUE, FALSE, TRUE, TRUE)
age <- c(88, 129, 51, 7000, 36, 2019, 2931, 7052, 589)
characters_df <- data.frame(name, race, in_fellowship, ring_bearer, age)
knitr::kable(characters_df,row.names = NA,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

name	race	in_fellowship	ring_bearer	age
Gandalf	Maia	TRUE	TRUE	2019
Legolas	Elf	TRUE	FALSE	2931
Sauron	Maia	FALSE	TRUE	7052
Gollum	Hobbit	FALSE	TRUE	589

Pandoc Table

```
## 
## ----------------------------------------------------------------
##    Name        Race    In Fellowship?   Is 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