

Week6_Assignment

Akila Selvaraj

2022-01-22

Markdown Basics

Favorite Foods

1. Pizza
2. Burger
3. Cake

Images

Add a Quote

Everyday is a chance to begin again. Don't focus on the failures of yesterday,start today with positive thoughts and expectations.

Add an Equation

$$\bar{X} = \frac{\sum_{i=1}^n x_i}{n}$$

Add a Footnote

This is footnote¹

Add Citations

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

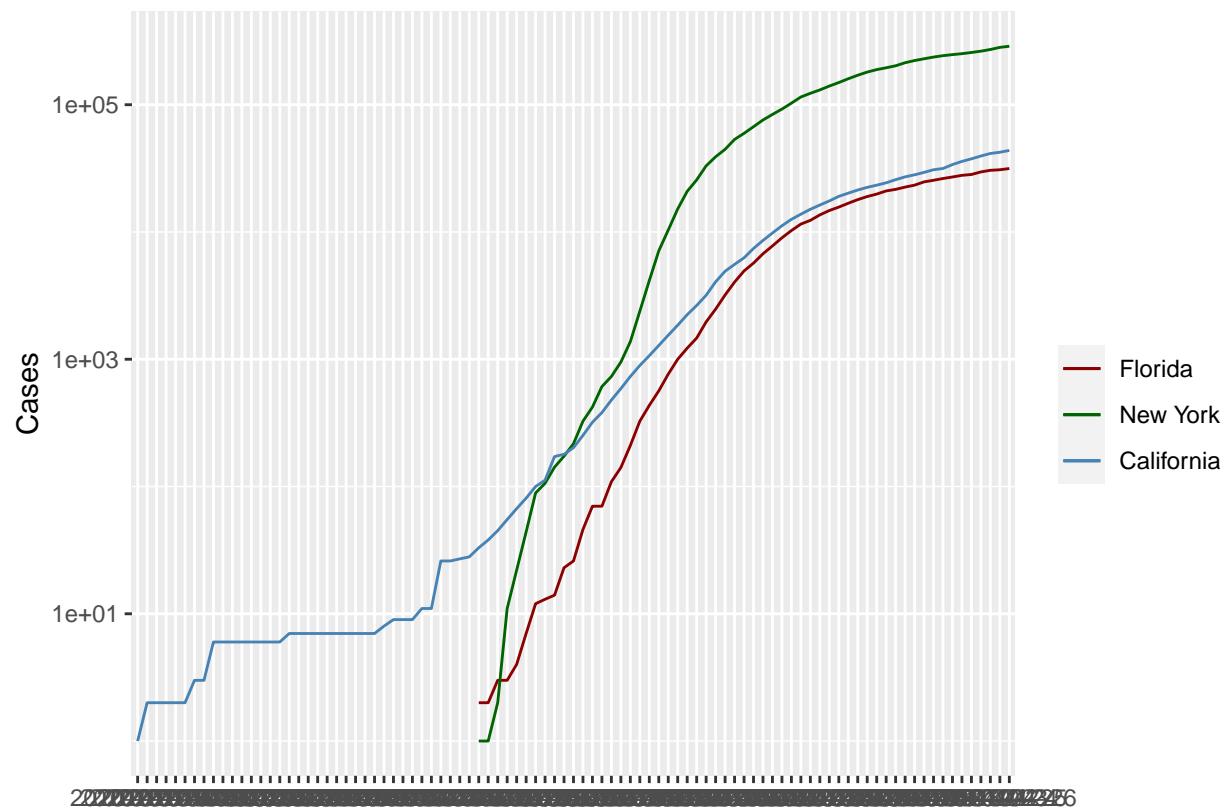
¹This is a footnote in R Markdown



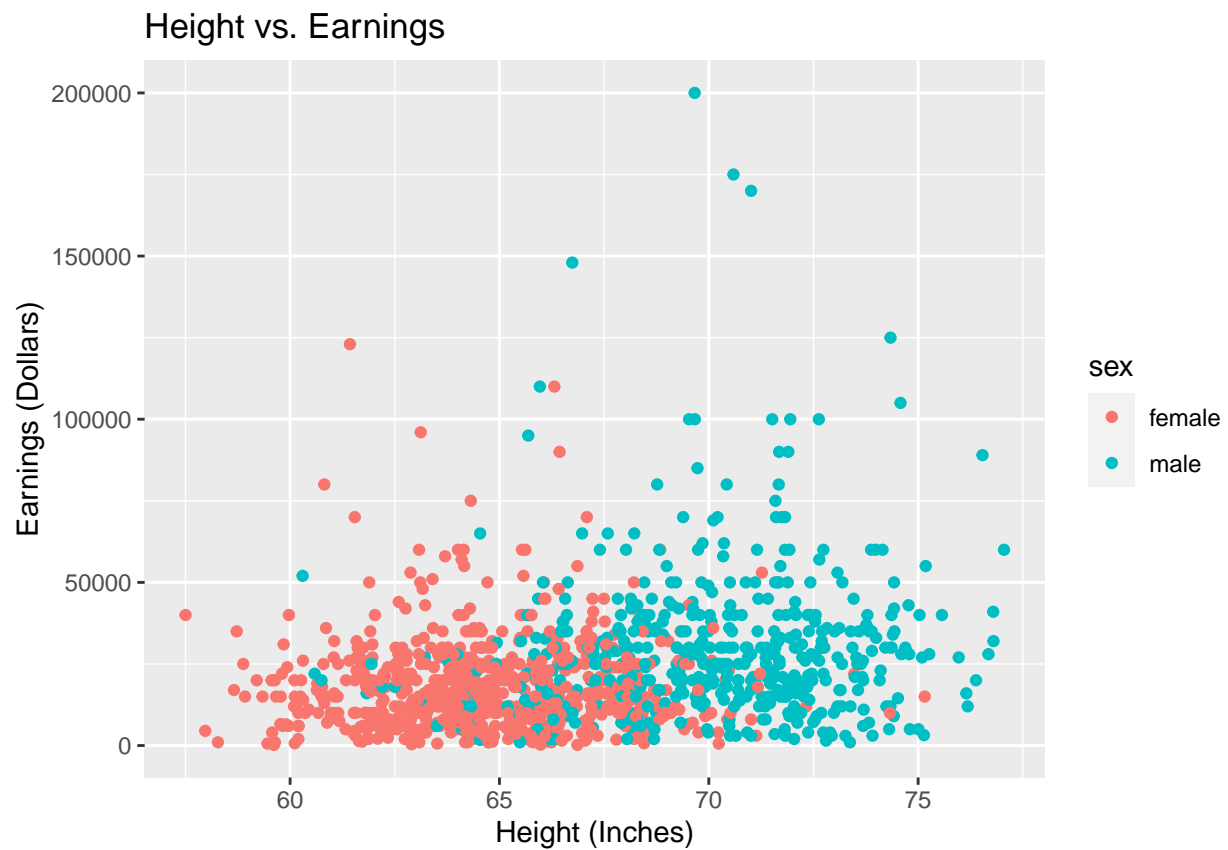
Figure 1: All Cases (Log Plot)

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
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 | Yes | No | 88 |
## +-----+-----+-----+-----+-----+
## | Bilbo | Hobbit | No | Yes | 129 |
## +-----+-----+-----+-----+-----+
## | Frodo | Hobbit | Yes | Yes | 51 |
## +-----+-----+-----+-----+-----+
## | Sam | Hobbit | Yes | Yes | 36 |
## +-----+-----+-----+-----+-----+
## | Sauron | Maia | No | Yes | 7052 |
## +-----+-----+-----+-----+-----+
##
## Table: Characters Table
```

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>.