Assignment 4

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Markdown Basics

Favorite Foods

1. Sushi
2. Tacos
3. Snow Crab

Images

Add a Quote

> "The noblest art is that of making others happy" -P.T. Barnum

Add an Equation

$$\hat{\beta} = (X^T X)^{-1} X^T Y$$

Add a Footnote

[1]

Add Citations

- R for Everyone
- Discovering Statistics Using R

Inline Code

```r
library(readr)
library(ggplot2)
heights_df <- read.csv("data/r4ds/heights.csv")
covid_df <- read.csv("data/nytimes/covid-19-data/us-states.csv")
california_df <- covid_df[ which( covid_df$state == "California"), ]
ny_df <- covid_df[ which( covid_df$state == "New York"), ]
florida_df <- covid_df[ which( covid_df$state == "Florida"), ]
```
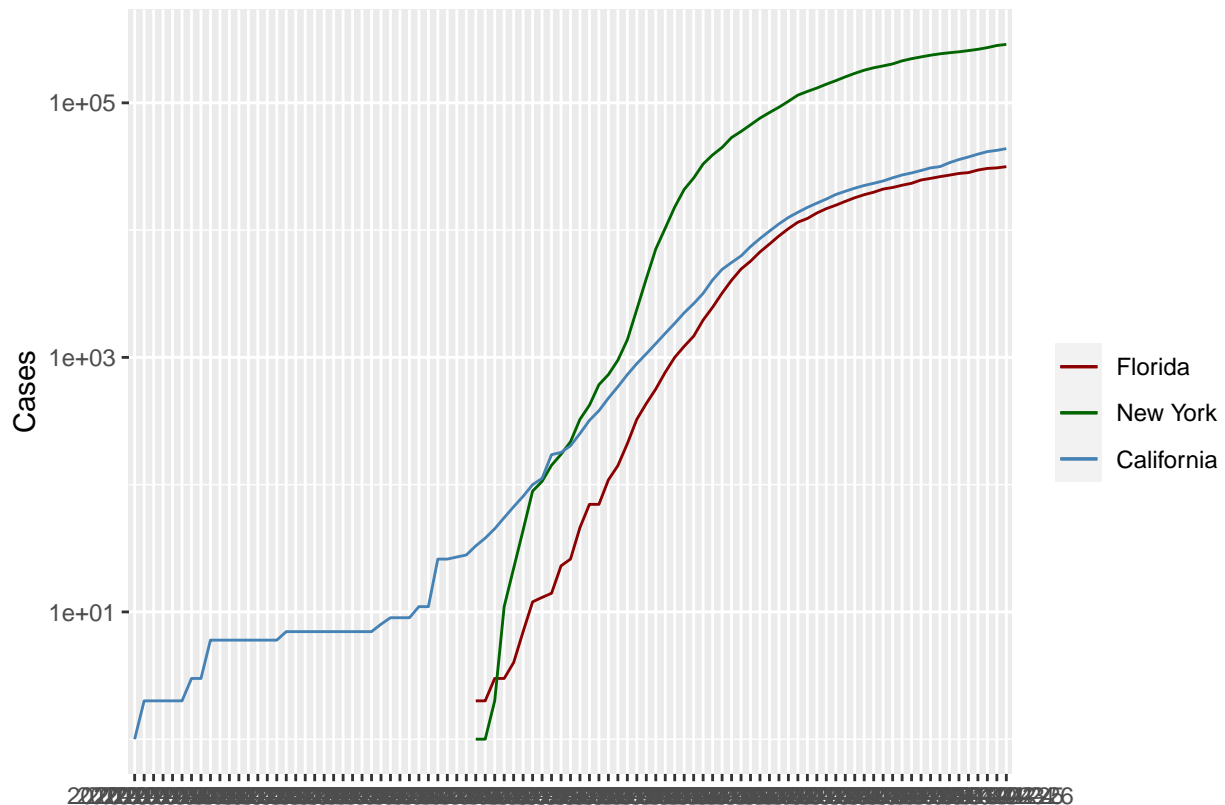
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[1]This is a footnote

Figure 1: All Cases (Log Plot)

NY Times COVID-19 Data

```r
ggplot(data=florida_df, aes(x=date, group=1)) +
  geom_line(aes(y = cases, colour = "Florida")) +
  geom_line(data=ny_df, aes(y = cases,colour="New York")) +
  geom_line(data=california_df, aes(y = cases, colour="California")) +
  scale_colour_manual("",
                      breaks = c("Florida", "New York", "California"),
                      values = c("darkred", "darkgreen", "steelblue")) +
  xlab(" ") + ylab("Cases") + scale_y_log10()
```


R4DS Height vs Earnings

Tables

Knitr Table with Kable

Pandoc Table

References

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