ASSIGNMENT 4

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Markdown Basics

Favorite Foods

1. Briyani
2. Pizza
3. Burger

Images

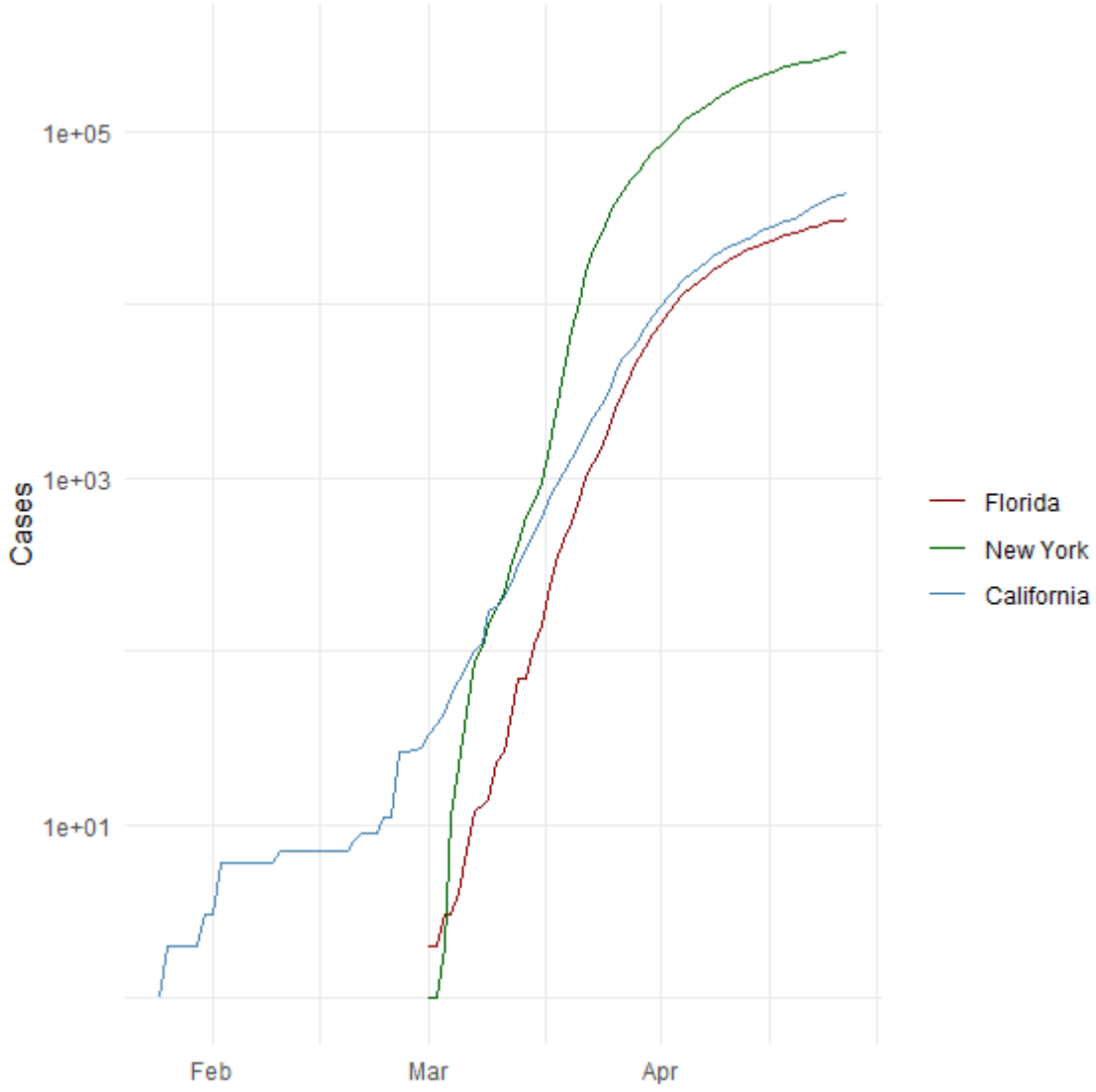


image:

Add a Quote

> It is very easy to defeat someone, but very difficult to win someone

Add an Equation

$A = \pi * r^2$

Add a Footnote

This is a footnote

Add Citations

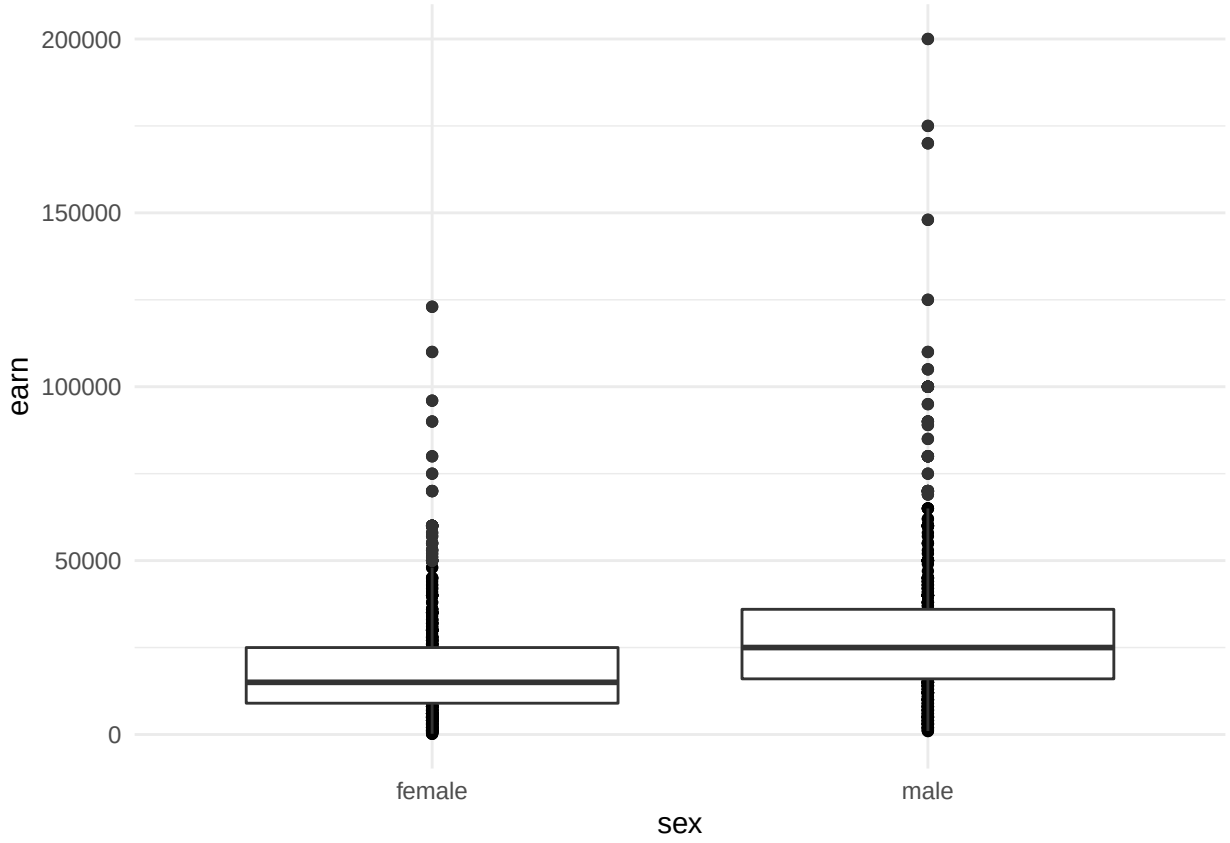
- R for Everyone
- Discovering Statistics Using R

Inline Code

```
library(ggplot2)
```

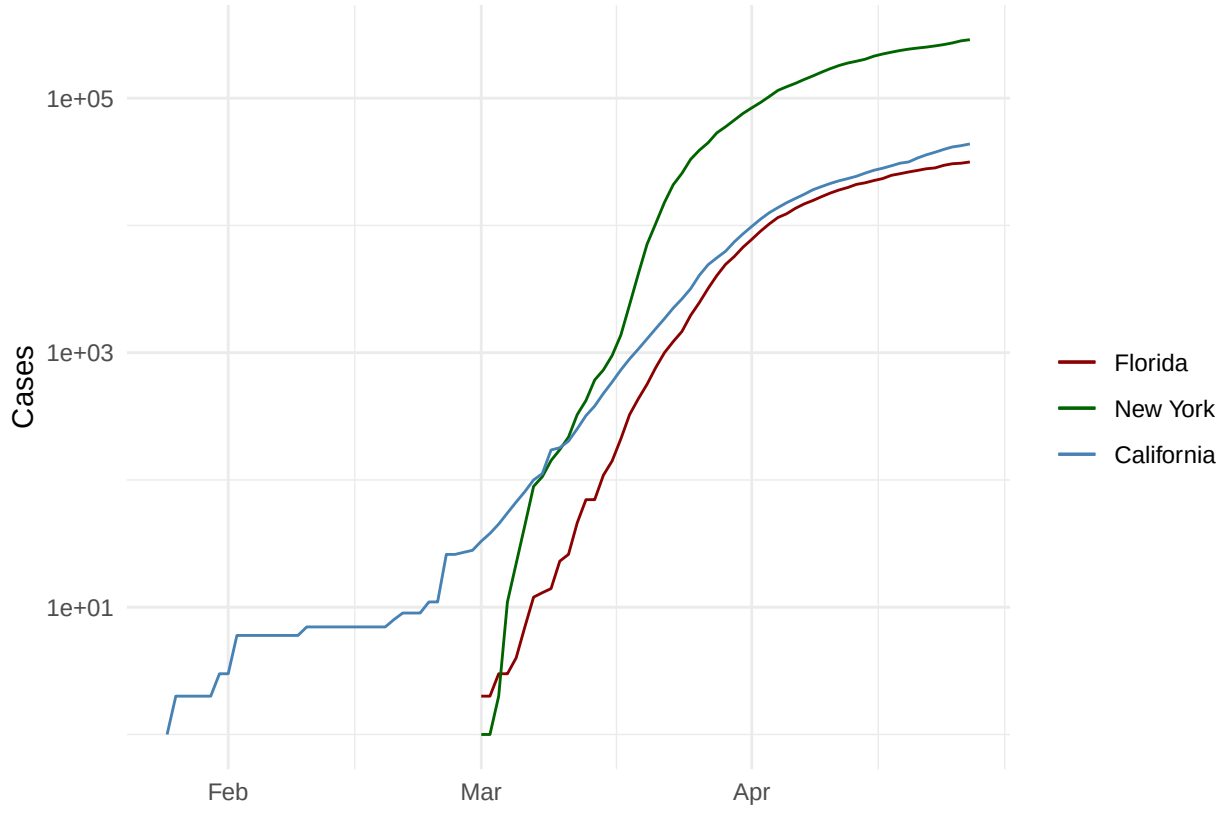
```
## Warning: package 'ggplot2' was built under R version 4.0.5
```

```
theme_set(theme_minimal())
covid_df <- read.csv("E:/Repos/StatisticsR/DSC520-Statistics/data/nytimes/covid-19-data/us-states.csv")
heights_df <- read.csv("E:/Repos/StatisticsR/DSC520-Statistics/data/r4ds/heights.csv")
ggplot(heights_df, aes(x=sex, y=earn)) + geom_point()+ geom_boxplot()
```

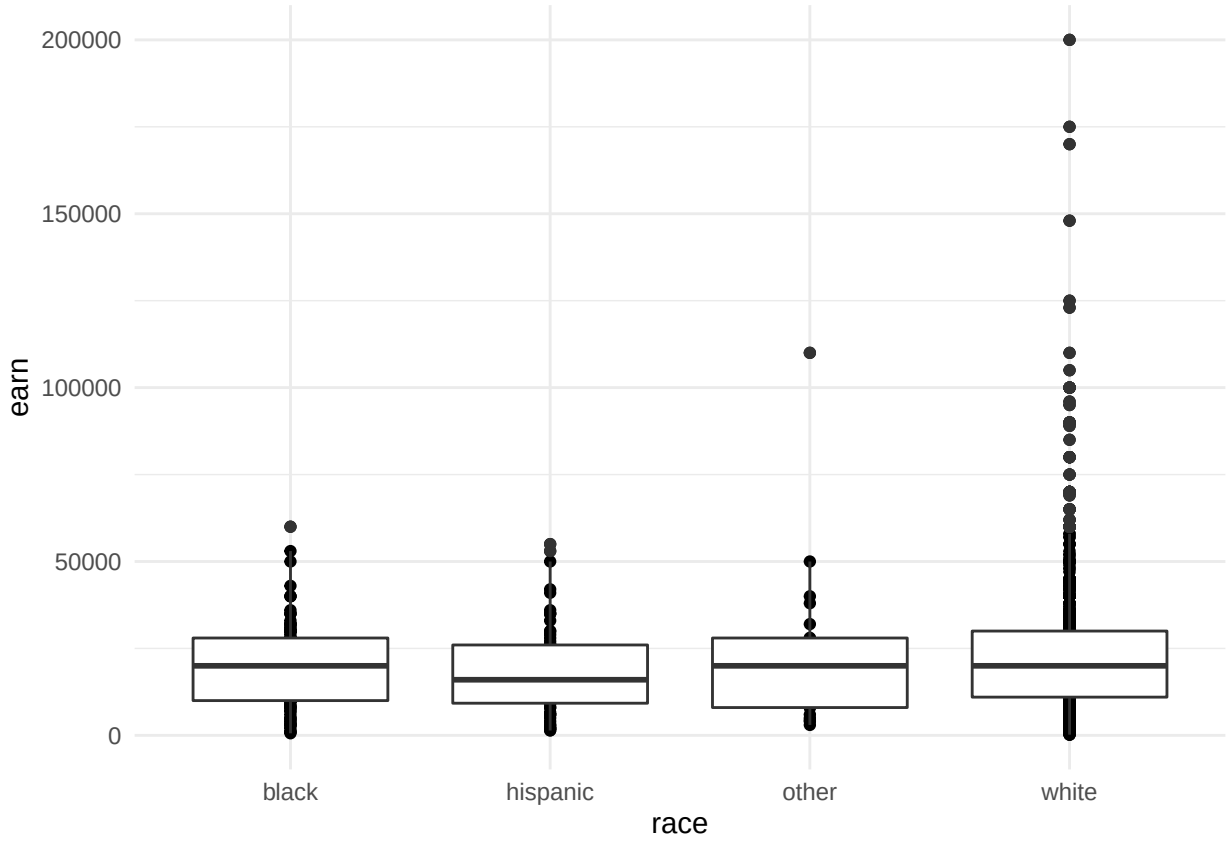



```
covid_df <- read.csv("E:/Repos/StatisticsR/DSC520-Statistics/data/nytimes/covid-19-data/us-states.csv")
covid_df$date <- as.Date(covid_df$date)
california_df <- covid_df[ which( covid_df$state == "California"), ]
ny_df <- covid_df[ which( covid_df$state == "New York"), ]
florida_df <- covid_df[ which( covid_df$state == "Florida"), ]
```

NY Times COVID-19 Data



R4DS Height vs Earnings



Tables

Knitr Table with Kable

```
names<-c("Aragon","Bilbo","Frodo","Sam","Sauron")
race<-c("Men","Hobbit","Hobbit","Hobbit","Maia")
fellow<-c("Yes","No","Yes","Yes","No")
ring<-c("No","Yes","Yes","Yes","Yes")
age<-c("88","129","51","36","7052")
lord_of_ring<-cbind(names,race,fellow,ring,age)
colnames(lord_of_ring)<-c("Name","Race","In Fellowship?","Is Ring Bearer?","Age")
knitr::kable(lord_of_ring, "pipe",caption="One Ring to Rule Them All")
```

Table 1: One Ring to Rule Them All

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

Name	Race	In Fellowship?	Is Ring Bearer?	Age
Sauron	Maia	No	Yes	7052

Pandoc Table

pandoc.table(lord_of_ring, style = 'grid')

References