Assignment 4 Plots PDF

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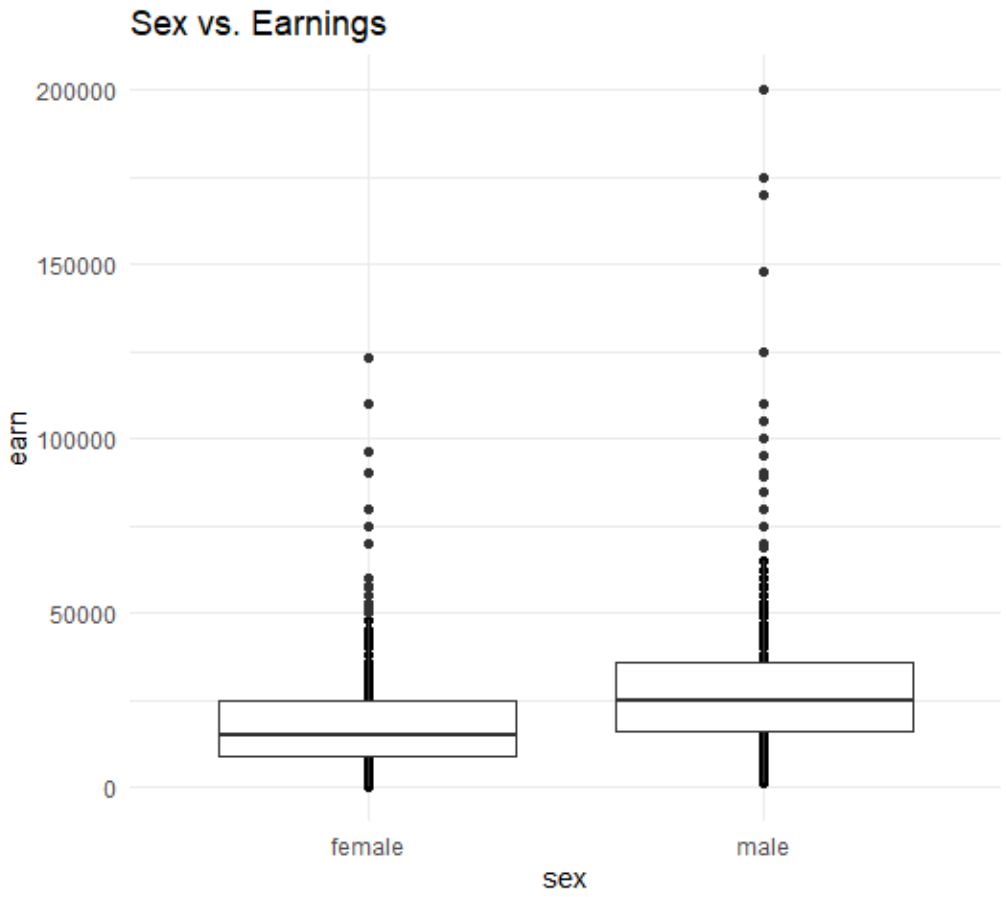
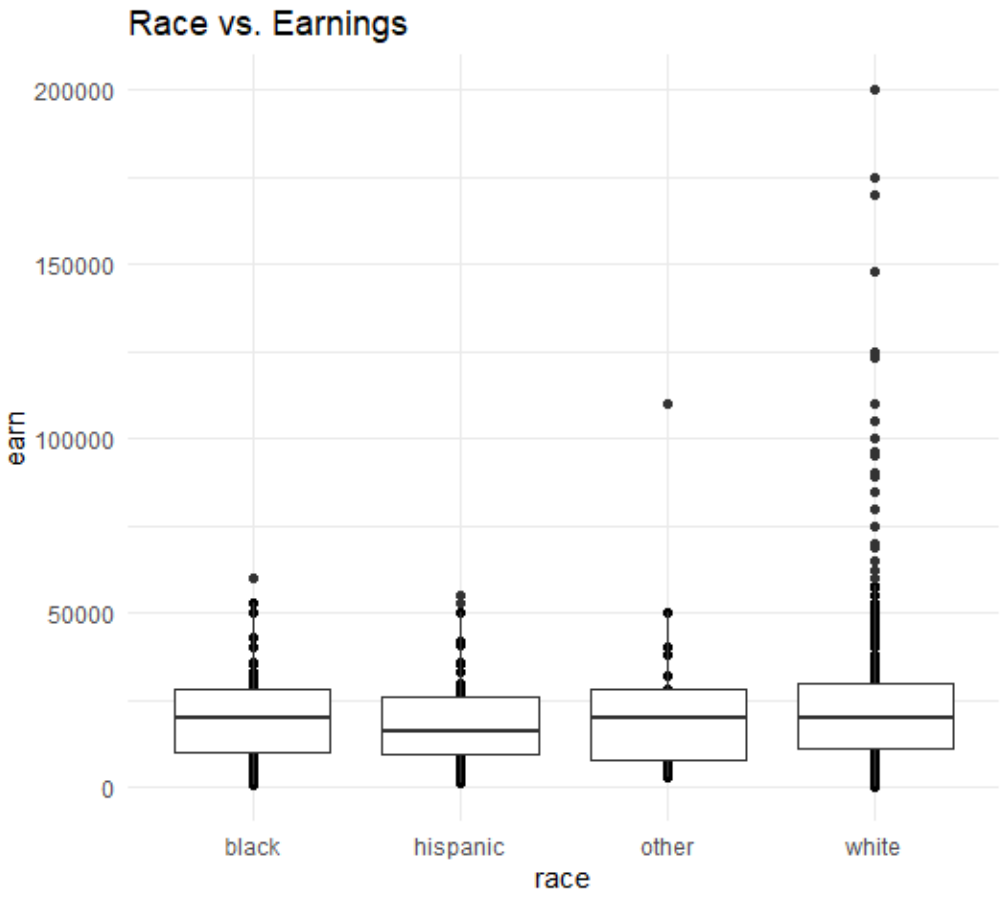
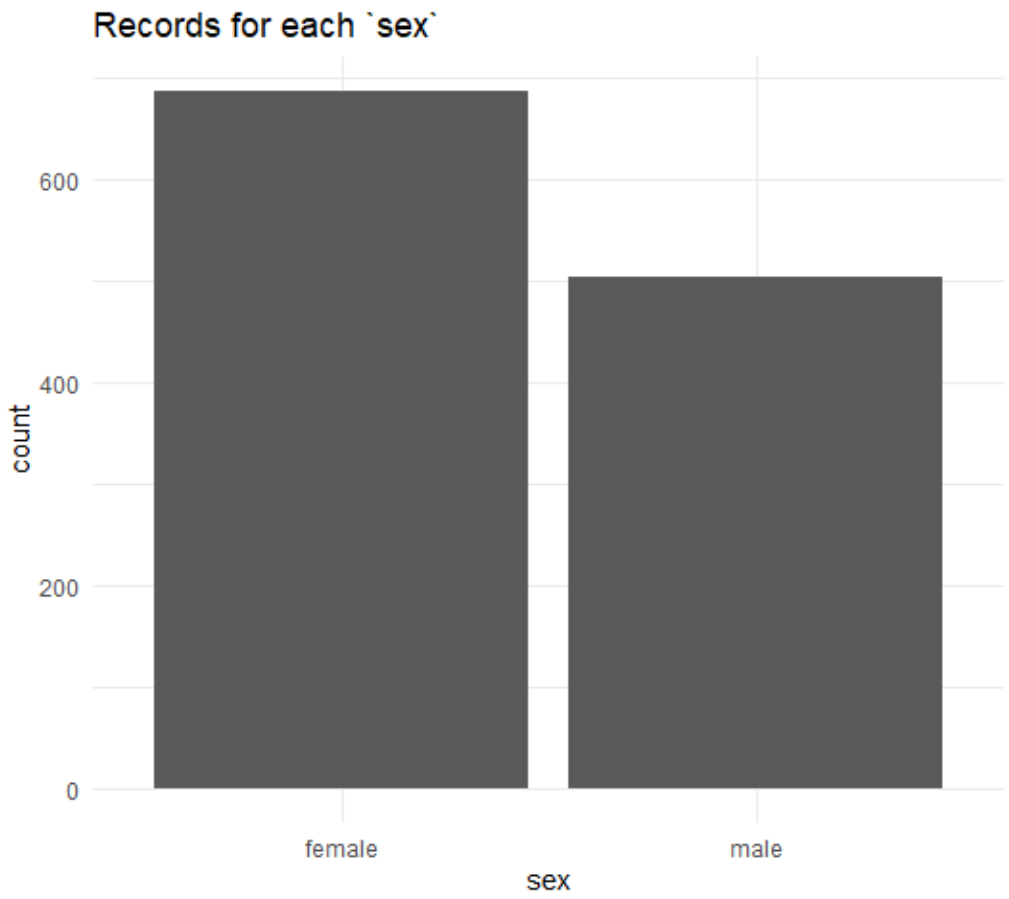
```
ggplot(heights_df, aes(x=sex, y=earn)) + geom_point()+ geom_boxplot()+
ggtitle("Sex vs. Earnings")
```



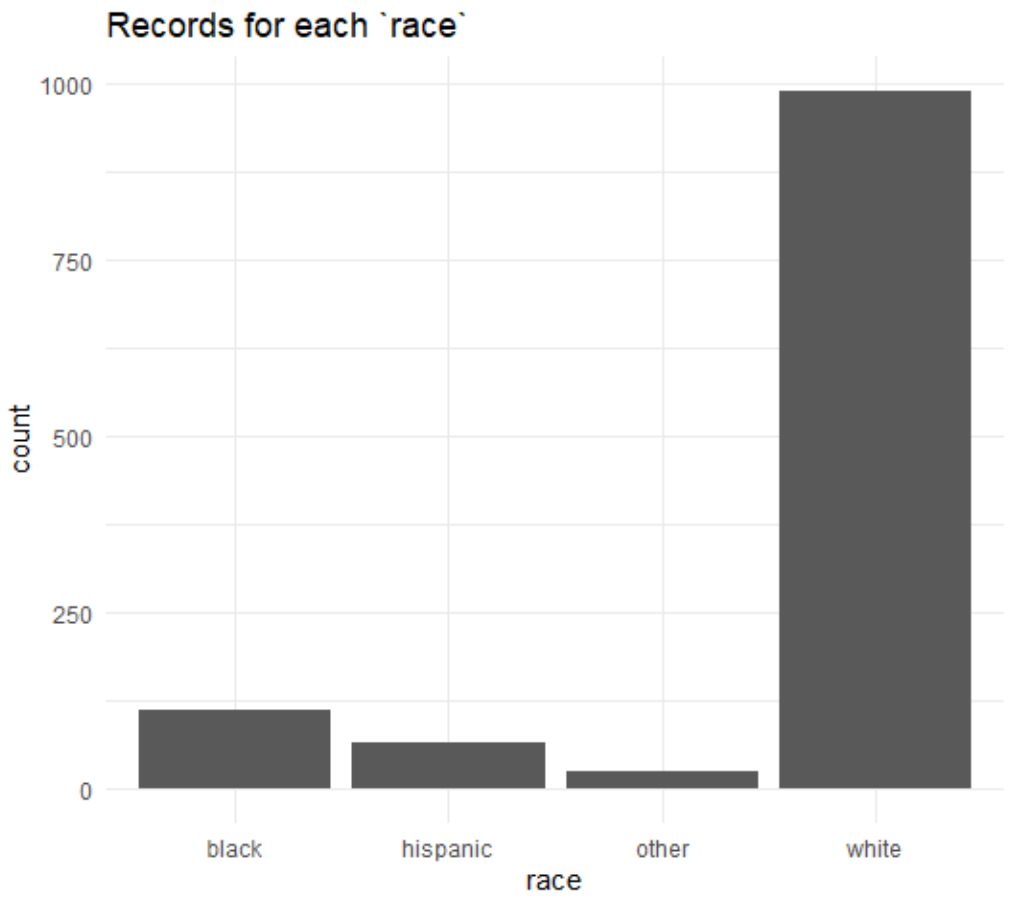
```
ggplot(heights_df, aes(x=race, y=earn)) + geom_point()+ geom_boxplot()+
ggtitle("Race vs. Earnings")
```



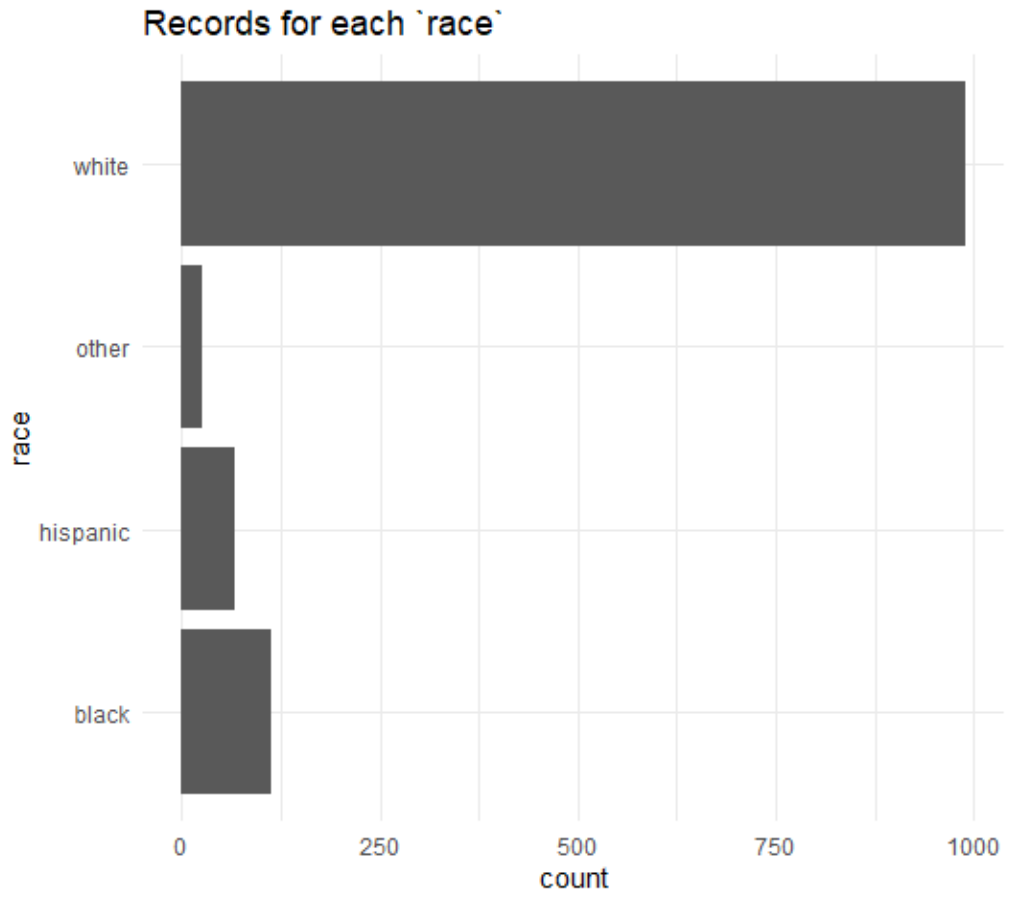
ggplot(heights_df, aes(sex)) + geom_bar() + ggtitle("Records for each `sex`"



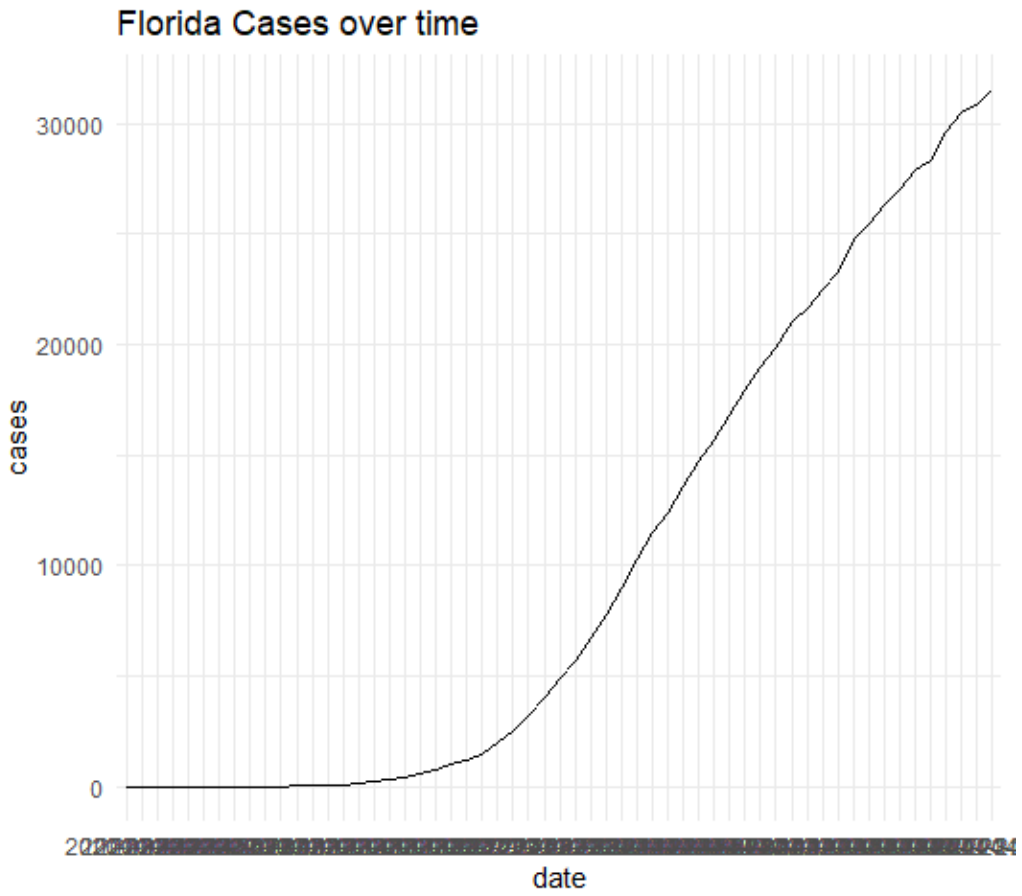
ggplot(heights_df, aes(race)) + geom_bar() + ggtitle("Records for each `race`")



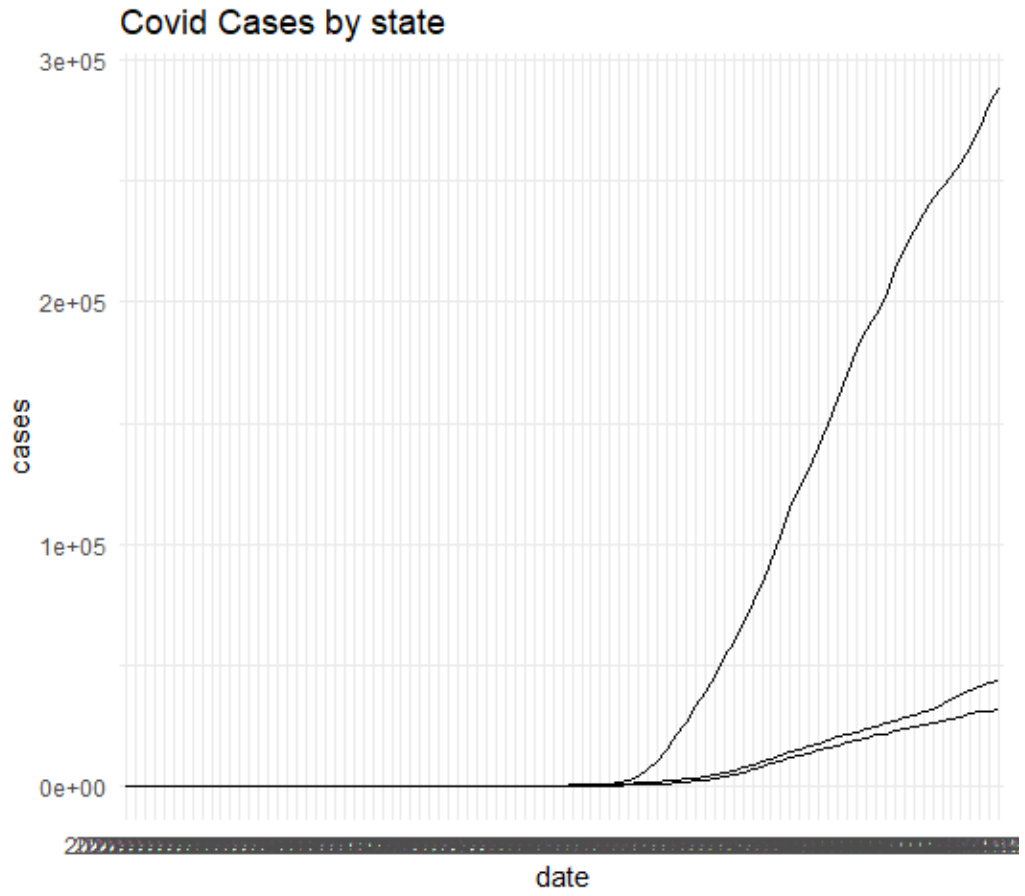
```
ggplot(heights_df, aes(race)) + geom_bar() + coord_flip()+
ggtitle("Records for each `race`")
```



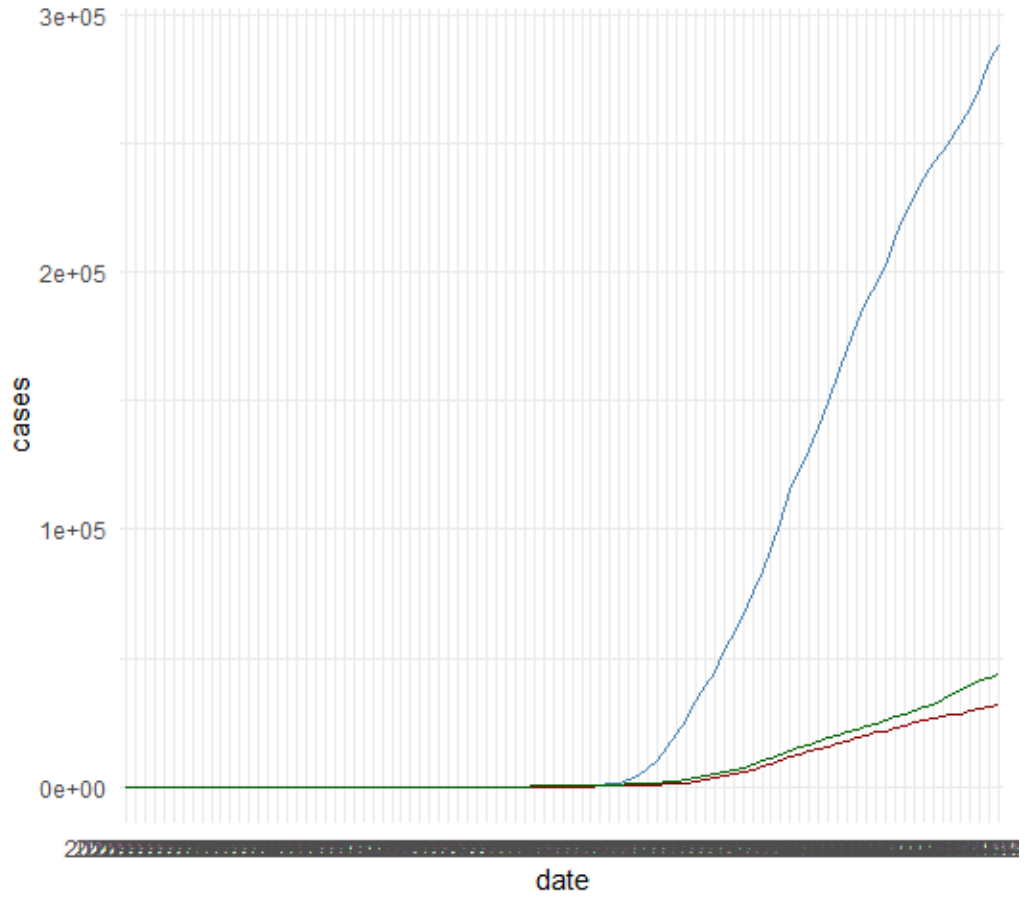
```
ggplot(data=florida_df, aes(x=date, y=cases, group=1)) +
geom_line()+ ggtitle('Florida Cases over time')
```



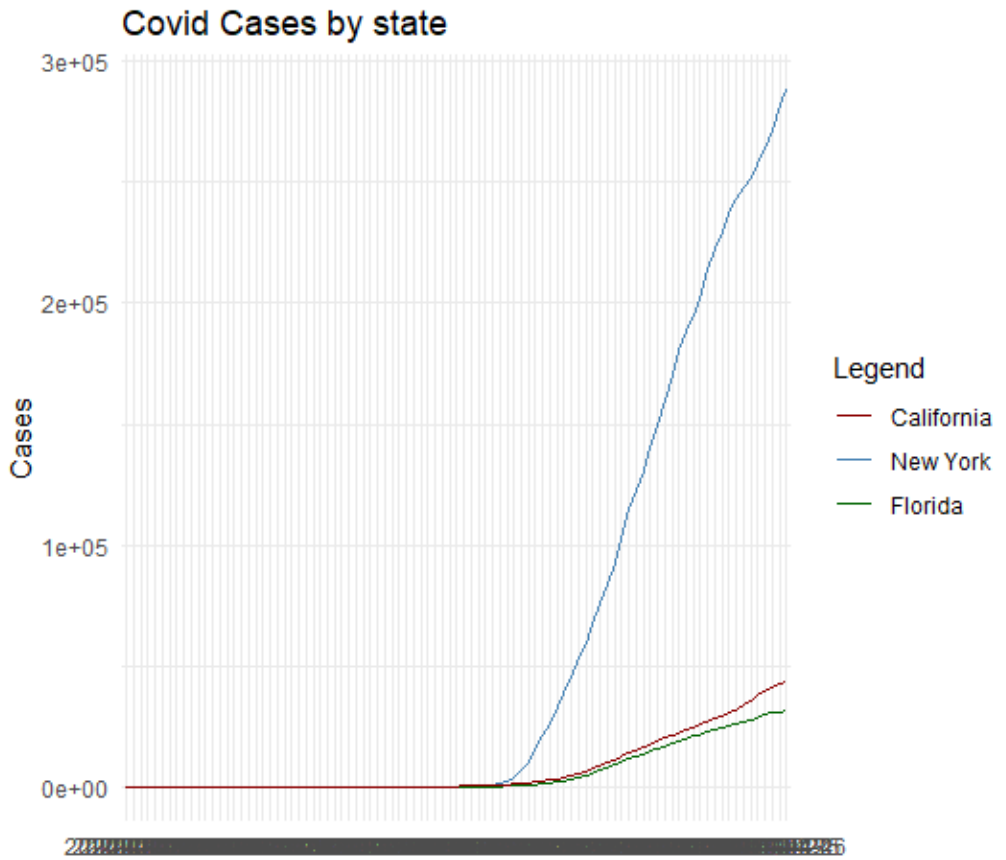
```
ggplot(data=florida_df, aes(x=date, group=1)) +
  geom_line(aes(y = cases)) +
  geom_line(data=california_df, aes(y = cases)) +
  geom_line(data=ny_df, aes(y = cases))+ ggtitle('Covid Cases by state')
```



```
ggplot(data=florida_df, aes(x=date, group=1)) +
  geom_line(aes(y = cases), color = "darkred") +
  geom_line(data=ny_df, aes(y = cases), color="steelblue") +
  geom_line(data=california_df, aes(y = cases), color="darkgreen")
```



```
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("Legend",
                      breaks = c("California", "New York","Florida"),
                      values = c("darkred", "steelblue","darkgreen")) + ggtitle('Covid Cases by state')+
  xlab(" ") + ylab("Cases")
```



```
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("Legend",
                      breaks = c("California", "New York","Florida"),
                      values = c("darkred", "steelblue","darkgreen")) + ggtitle('Covid Cases by state')+
  xlab(" ") + ylab("Cases") + scale_y_log10()
```