

STAT 153 Project Checkpoint 1

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```
covid = read.csv("data_covid.csv")
covid$date_time = as.Date(covid$date, format = "%m/%d/%y")
plot1 = ggplot(covid, aes(x = date_time, y = cases)) +
  geom_line(color = "Red") +
  labs(title = "Time Series Plot of Covid Cases", x = "Date", y = "Cases") +
  scale_x_date(date_breaks = "months", date_labels = "%b-%y") +
  scale_y_continuous(labels = scales::comma, limits = c(0,230000), breaks=seq(0,220000,20000)) +
  theme_minimal() +
  theme(plot.title = element_text(hjust = 0.5))
plot1
```

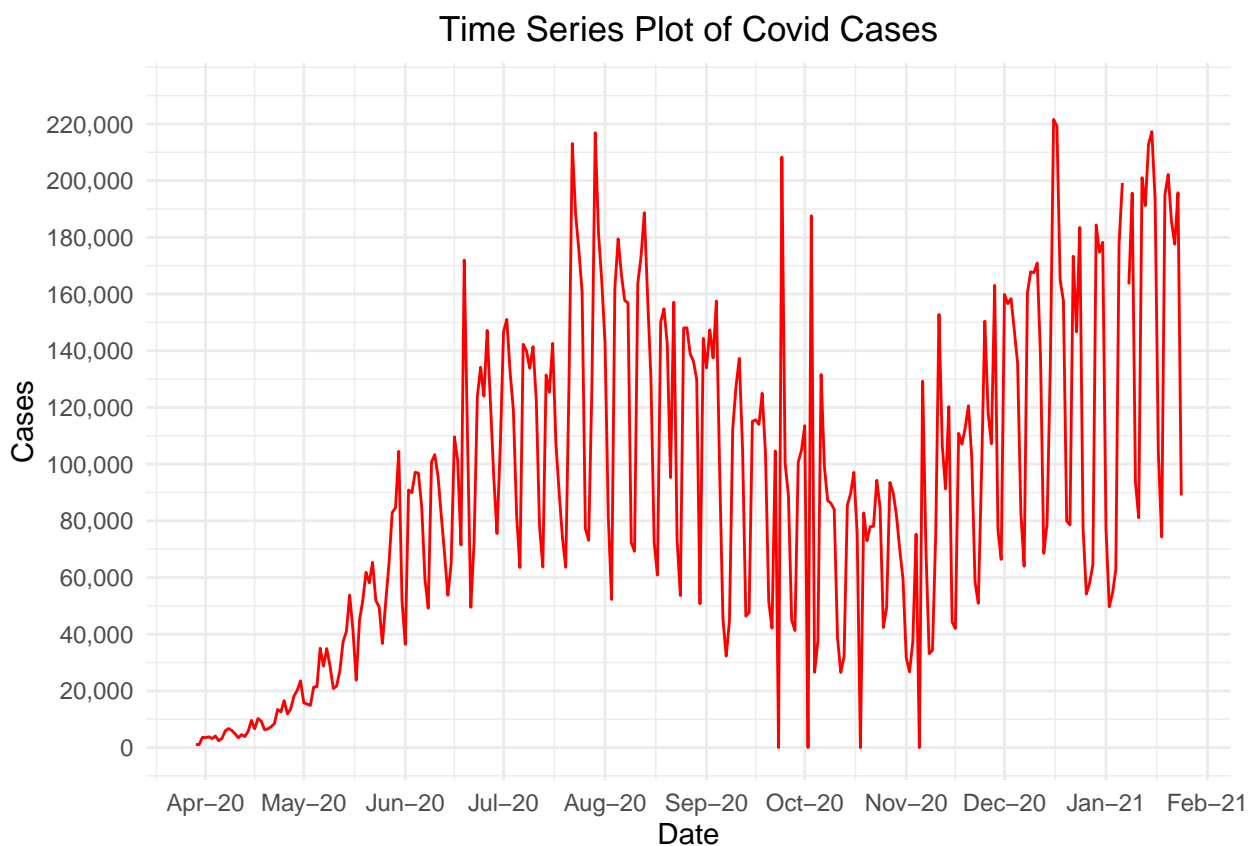


Figure 1: Daily COVID-19 cases from March 29, 2020 to January 24, 2021