

STA 104: Take Home Project
Looking into States that are being affected from Covid-19

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2/28/2021

I Introduction

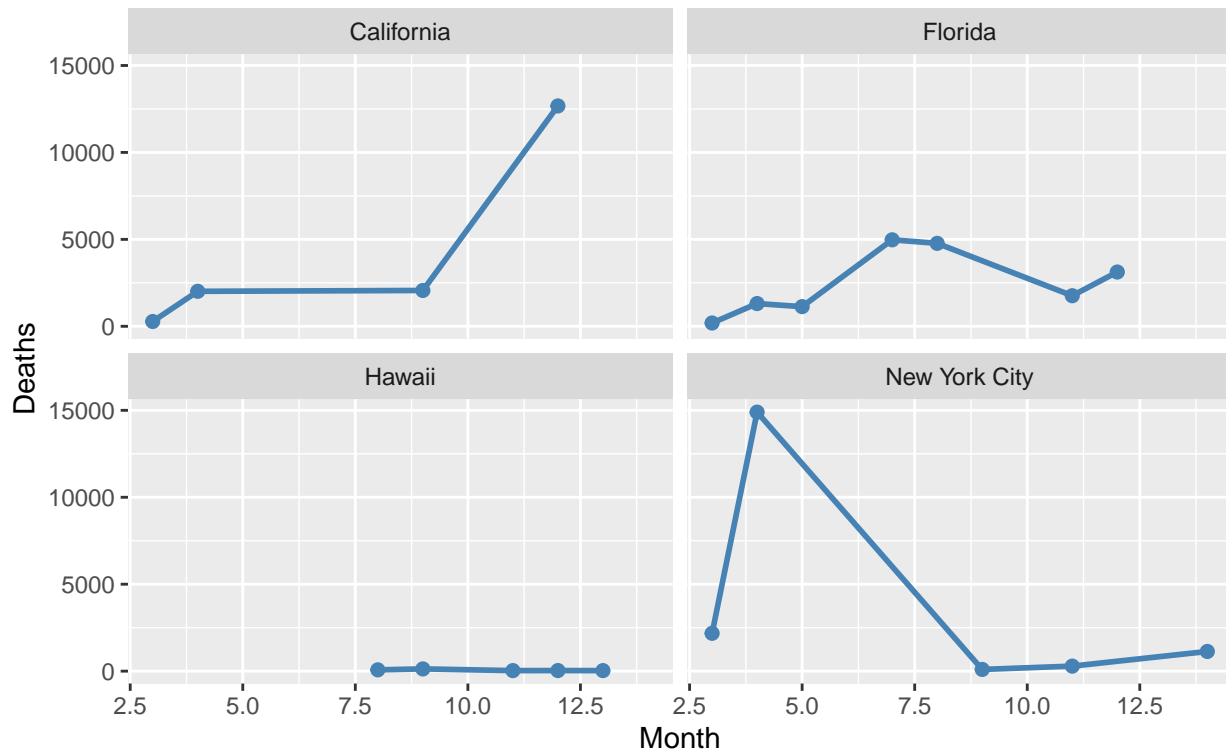
II Summary of Data

Thinking of doing the analysis on California, New York City, Florida, and Hawaii. subsetting the data:

III Analysis

Monthly Covid Deaths compared to States

Analysis of California, Florida, Hawaii & New York City Covid-19 Deaths



IV Interpretation

V Conclusion

① **Introduction**

② **Summary of Data**

④ **Interpretation**

⑤ **Conclusion**

Code Appendix

```

# cuttingoffcode
library(knitr)
opts_chunk$set(tidy.opts = list(width.cutoff = 70), tidy = TRUE)
# importing dataset
library(readr)
CovidA <- read_csv("CovidA.csv")
# subsetting data
CovidA_sub = subset(CovidA, CovidA$State == "California" | CovidA$State ==
  "New York City" | CovidA$State == "Florida" | CovidA$State == "Hawaii")
library(ggplot2)
library(dplyr)
# converting months as to not get confused by year so month 1 is
# January 2020 and month 14 is February 2021
CovidA_sub_graph = CovidA_sub
CovidA_sub_graph$Month[16] = 13
CovidA_sub_graph$Month[21] = 14

ggplot(data = CovidA_sub_graph, aes(Month, Death)) + geom_line(color = "steelblue",
  size = 1) + geom_point(color = "steelblue", size = 2) + labs(title = "Monthly Covid Deaths compared
  subtitle = "Analysis of California, Florida, Hawaii & New York City Covid-19 Deaths",
  y = "Deaths", x = "Month") + facet_wrap(~State)

```