

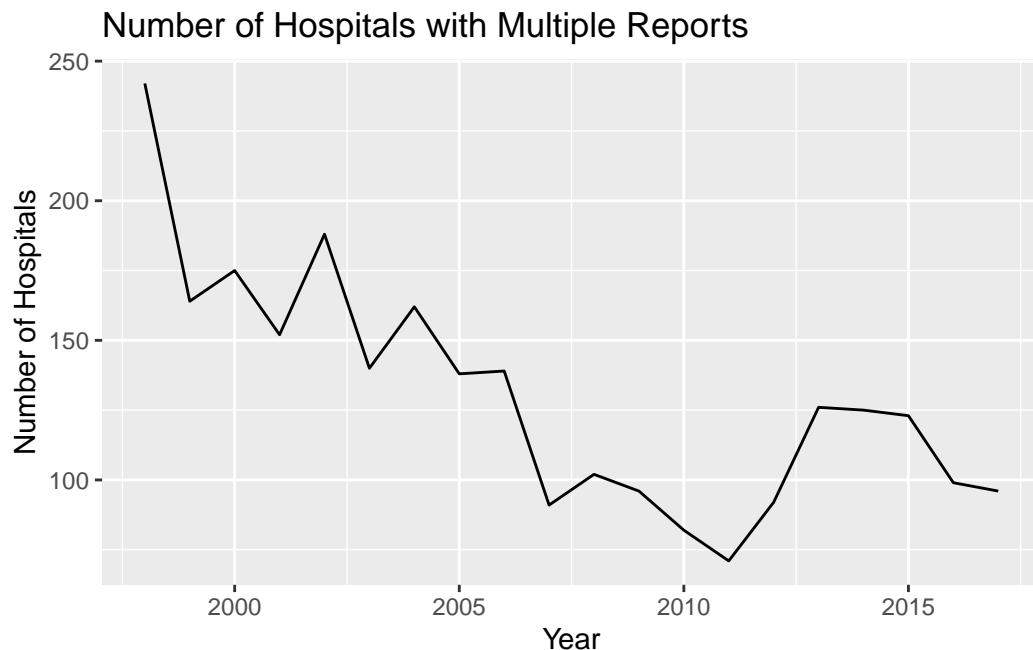
Homework 2

Varun Saxena

Repository: <https://github.com/varunsaxena2/saxena-v-hwk2-2/tree/main>

1. Here is the line graph with the number of hospitals filing multiple reports per year

Loading required package: pacman



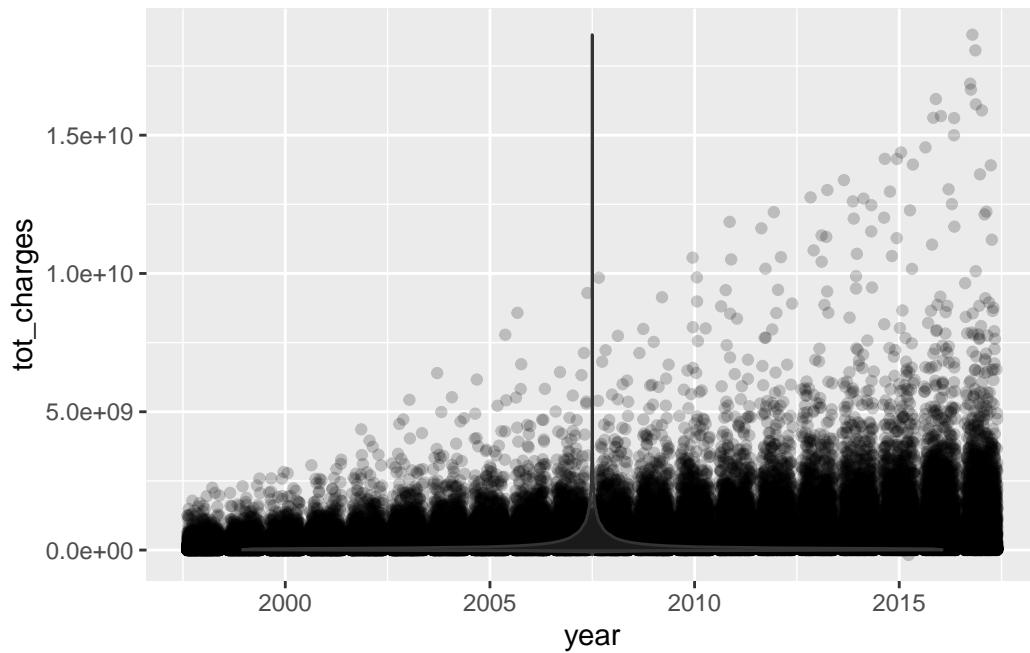
2. The number of unique hospitals based on the hospital ID is 9325.

3.

```
#|echo: false
data %>%
  ggplot(aes(x = year, y = tot_charges)) +
  geom_jitter(alpha = 0.2) +
  geom_violin(alpha = 0.1, draw_quantiles = c(0.1))
```

Warning: Removed 4933 rows containing non-finite values (`stat_ydensity()`).

Warning: Removed 4933 rows containing missing values (`geom_point()`).



10. I had a difficult time reading in the data and getting it all to download, so I was only able to get through question 1. I also have no experience with R outside of Homework 1, so figuring out how the ggplots work in conjunction with Quarto is an ongoing learning process.