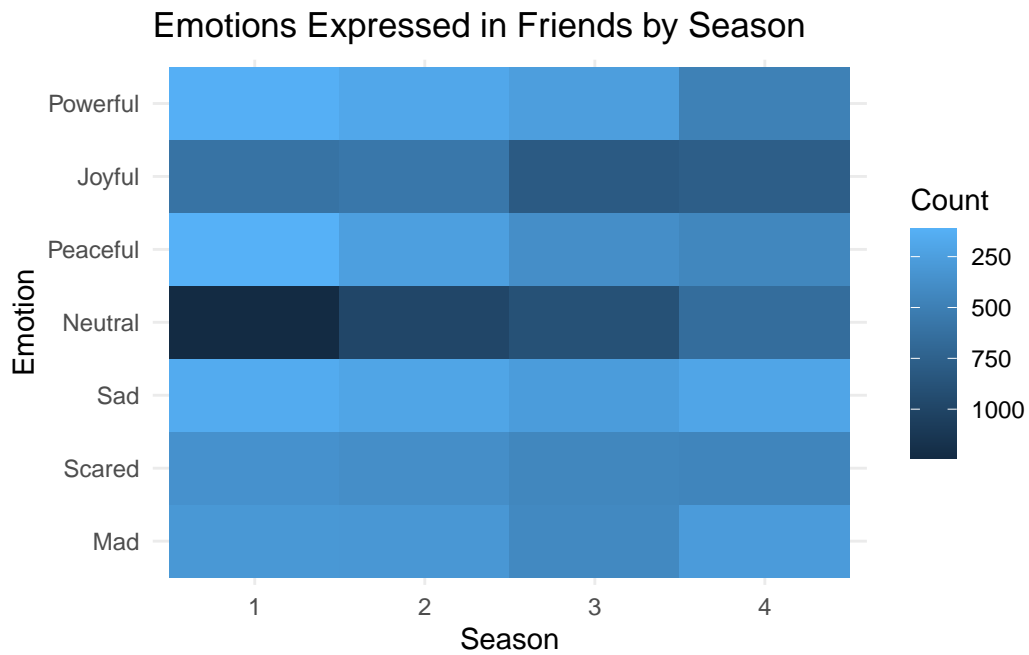# HW 6: Statistics Experience
STA 199 - Fall 2023 - Sec 2

Diya Patel

Packages + data

```r
library(tidyverse)
friends_emotions <- readr::read_csv('https://raw.githubusercontent.com/rfordatascience/tid
```

```r
friends_emotions |>
  mutate(season = as.factor(season),
         emotion = factor(emotion, levels = c("Mad", "Scared", "Sad", "Neutral",
                                              "Peaceful", "Joyful", "Powerful")
                          )) |>
  count(season, emotion) |>
  ggplot(
    aes(x = season, y = emotion)) +
  geom_tile(aes(fill = n)) +
  scale_fill_continuous(trans = 'reverse') +
  labs(
    x = "Season",
    y = "Emotion",
    fill = "Count",
    title = "Emotions Expressed in Friends by Season") +
  theme_minimal()
```

Emotions Expressed in Friends by Season


```
ggsave(
  filename = "My TidyTuesday Plot.png",
  device = "png")
```

Saving 5.5 x 3.5 in image