csci297b Exercise 12
stats

- For this project, use the `tidyverse` library, which includes the `mpg` dataset.

- For this project, you will turn in a single R markdown file, called `exercise10.Rmd`

1. What is the problem with the following plot? How could you improve it?

    ```
    ggplot(mpg, aes(x = cty, y = hwy)) +
      geom_point()
    ```

2. What, if anything, is the difference between the two plots? Why?

    ```
    ggplot(mpg, aes(x = displ, y = hwy)) +
      geom_point()
    ggplot(mpg, aes(x = displ, y = hwy)) +
      geom_point(position = "identity")
    ```

3. What parameters to `geom_jitter()` control the amount of jittering?

4. Compare and contrast `geom_jitter()` with `geom_count()`.

5. What's the default position adjustment for `geom_boxplot()`? Create a visualization of the `mpg` dataset that demonstrates it.