

# Homework 6 Experience - Hunter Habersaat

## Description

For my HW6, I watched episode four of Coding out Loud “Wordle on Keyboard” in which I learned how to visualize the most used letters in wordle. This was done with initial research into a wordle dataset that showed what the most common first letters are. My project repo is available on Github through the following link: <https://github.com/habersaat/sta199hw6>

## Something I learned

I initially had difficulty getting ggkeyboard library to load as I had to download it from GitHub, but I think this experience will help me going forward when I have to download libraries that aren't native to R-studio. Additionally, I learned some useful tricks for visualization on the keyboard, and was able to recreate the project for the 2nd and 3rd letter in a Wordle guess (included in my repo).

## Connection to STA 199

I used a mutate function to alter the dataset so that I could find the most common first letter. In addition, the ggkeyboard visualization was very similar to the ggplot library we used in class, and I imagine that many R visualization libraries use a similar format. Additionally, I based by color choices for most common keys on an ascending palette, mirroring the way we've visualized similar statistics in class and on projects.

<https://www.youtube.com/watch?v=9ld-9fLiv4E>