

# Class Assignment: ggplot and dply review

Due In Class February 24, 2017

Assignment = hw\_2\_review

Below find a short set of exercises taken from *Modern Data Science with R*. These exercises should not take much time, and are a way to check on your progress.

To complete the assignment:

- Provide the necessary code and visualization, table, or other asked for in the exercises.
- Please keep your answer limited to what is asked for in the question (e.g. if it asks for three data elements, don't provide ten).
- Make sure to **commit** the `github.md` document **and** the figures directory that is created when you **knit** your file. Name it `hw_2_review`. There is no need to create an "issue" for this homework.

Your `github_document` should include only the commands used to produce the visualization (for the first two exercises) and the code used to transform the data for the second four exercises.

For the exercises, you will want to install the `mosaicData`, `babynames` and the `Lahman` packages. If you are confused by some of these datasets, remember to investigate packages by issuing the `help(PACKAGENAME)` command, and to use `str`, `head` and `glimpse` to get a basic sense of the data structure.

## Complete the following exercises

1. Exercise 3.1
2. Exercise 3.2
3. Exercise 4.8
4. Exercise 4.9
5. Exercise 4.10
6. Exercise 4.11