- **NO** late submission will be accepted, except under special circumstances.
- Homework must be done individually and not in groups. Discussion of problems with others is permitted (and encouraged!), but you must write your own work in your own words.
- Submit your answers (via Canvas) as a single RMarkdown file that can be run on anyone's machine (i.e., that doesn't refer to your local files or directories). Your file name should have the following format: `lastname_NetID_week09.Rmd`. Make sure that your Rmarkdown file has yourself as author and has `output:html_document`.
- Be sure to include detailed explanatory text and remarks of what you are doing—don't just show a lot of `R` code and computer generated output. Use commands from the `tidyverse` and pipes whenever you can.

1. Answer the following questions.
   (a) Consider the COVID-19 data you scraped from CNN in Question #2 of the midterm exam. The website has changed in the past couple of weeks and its current format has made scraping challenging. Instead, you can scrape (similar) data from `https://www.worldometers.info/coronavirus/country/us/`. Using the `choroplethr` package, create two side-by-side choropleth maps of COVID-19 cases and deaths in the USA. You will have to adjust some of the names of the states to be compatible with the package.
   (b) Do the same thing with the country level data at `https://www.worldometers.info/coronavirus/` (you will have to scrape the data), except with the death rate. You will have to adjust some of the names of the countries to be compatible with the package.