

Homework 8

1. Please make sure that you have access to my Github repository https://github.com/bklingen/DataViz2020_Maps. Import that repository into RStudio and create a branch that has your name. (Many of you have done this already by creating a project and starting a branch.) In that branch, write R code to show the Florida COVID-19 cases visualized on a map.
2. First Dashboard
 - a. Create a new Github repository and make me a contributor. (My Github name is bklingen and you should also find me under Bernhard Klingenberg.) In the repository, place a .csv spreadsheet that lists some areas (e.g., all Florida counties, but you can choose something different) and in a second column some statistic about these counties that could change over time (e.g., COVID-19 cases, but you can choose something different.) On Canvas, under the Homework 8 assignment, provide the link to your GitHub repository.
 - b. Create a Dashboard (you don't need to include a sidebar if you don't have any functionality for it in mind) that has two boxes: One showing a map corresponding to the areas in your .csv file and displaying the information that the statistic refers to (i.e., a map of Florida with county specific COVID-19 cases), and a second box that shows the .csv file as a DataTable or an Rhandsontable.
 - c. If you or I update the spreadsheet on Github with new information, the two boxes should automatically update.
 - d. Publish your dashboard on shinyapps.io and provide the link to the working app on Canvas, under the Homework 8 assignment.