

R Portfolio 1

R Portfolio

This first R Portfolio assignment will have you take a look at measles vaccination data across schools for the 2018-2019 school year.

The purpose of this assignment is for you to investigate the `measles` dataset and come up with something interesting to show. What this means is up to you, but what we are looking for is well written, organized code with comments that explain your thought process. We are not looking for a complete statistical analysis, but you should take around 2 hours to complete this assignment. The only requirements for this assignment are that you have:

- Commented your code
- Done some form of data cleaning/manipulation (summarize, filter, etc.)
- Created a data visualization

To help get started, here are the variables from the dataset:

Variable	Description
index	Index ID
state	School's state
year	Academic Year
name	School's name
type	Whether a school is public, private, charter
city	City
county	County
enroll	School enrollment
mmr	School's Measles, Mumps, and Rubella (MMR) vaccination rate
overall	School's overall vaccination rate
xrel	Percentage of students exempted from vaccination for religious reasons
xmed	Percentage of students exempted from vaccination for medical reasons
xper	Percentage of students exempted from vaccination for personal reasons

From here, ask yourself a question or two about the dataset and use your R skills to investigate the proper variables to attempt to answer any questions you might have.