R Portfolio 2

Turn in to Resources folder on Collab

Due 3/21/22 by 11:59PM

R Porfolio

In your second R Portfolio assignment, you will look at Registered Nurses by State along with their hourly wage and annual salary data.

The purpose of this assignment is for you to investigate the nurses 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. 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 is a description of the variables from the dataset:

variable	class	description
State	character	State
Year	double	Year
Total Employed RN	double	Total Employed Registered Nurses
Employed Standard Error (%)	double	Employed standard error (%)
Hourly Wage Avg	double	Hourly wage average
Hourly Wage Median	double	Hourly wage median
Annual Salary Avg	double	Annual salary average
Annual Salary Median	double	Annual salary median
Wage/Salary standard error (%)	double	Wage/salary standard error %
Hourly 10th Percentile	double	Hourly Wage 10th Percentile
Hourly 25th Percentile	double	Hourly Wage 25th Percentile

variable	class	description
Hourly 75th Percentile	double	Hourly Wage 75th Percentile
Hourly 90th Percentile	double	Hourly Wage 90th Percentile
Annual 10th Percentile	double	Annual Salary 10th Percentile
Annual 25th Percentile	double	Annual Salary 25th Percentile
Annual 75th Percentile	double	Annual Salary 75th Percentile
Annual 90th Percentile	double	Annual Salary 90th Percentile
Location Quotient	double	Location Quotient
Total Employed (National)_Aggregate	double	Total Employed (National)_Aggregate
Total Employed (Healthcare, National)_Aggregate	double	Total Employed (Healthcare, National)_Aggregate
Total Employed (Healthcare, State)_Aggregate	double	Total Employed (Healthcare, State)_Aggregate
Yearly Total Employed (State)_Aggregate	double	Yearly Total Employed (State)_Aggregate

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.