Introduction to R Shiny: Tasks

Summer 2017

1. Choose any data set you would like and use R Shiny to create an app that runs an analysis and/or creates a visualization.
2. Consider the data in the file *US\_2015\_Data.csv*. Write code in R to create a population pyramid that graphically depicts the age and sex distribution of the United States in 2015.
3. Consider the data in the file *PopData.csv*. Write code in R to create an R Shiny app that allows the user to select a country of interest and returns the population for that country in 2015.
4. If you have time, visit the U.S. Census Bureau’s website to collect data for countries of interest from years other than 2015:   
     
   <https://www.census.gov/population/international/data/idb/region.php?N=%20Results%20&T=10&A=separate&RT=0&Y=2015&R=-1&C=US>

Modify your app from the previous problem so that it also allows you to filter by year in addition to country.