

## Week 5 Project 2: Tidying and Transforming Data

Your code should be placed in a single R script. Place your R script in a public repository on github and submitting a link to the script here.

**Project 2 is due end of day on Tuesday September 30<sup>th</sup>.** The project solution will be posted on Wednesday October 1st.

In a recent mythical poll in Scotland, voters were asked if they preferred [Cullen skink](#) over [Partan bree](#). Here are the results of the poll, with results broken down by city and by age group.

	Edinburgh		Glasgow	
	16-24	25+	16-24	25+
Yes	80,100	143,000	99,400	150,400
No	35,900	214,800	43,000	207,000

1. Write down 3 questions that you might want to answer based on this data.
2. Create an R data frame with 2 observations to store this data in its current “messy” state. Use whatever method you want to re-create and/or load the data.
3. Use the functionality in the `tidyr` package to convert the data frame to be “tidy data.”
4. Use the functionality in the `plyr` package to answer the questions that you asked in step 1.
5. Having gone through the process, would you ask different questions and/or change the way that you structured your data frame?