Read.me/Instructions for Replicability

* Load the data- run whichever code works best for uploading the csv file for census data; I used one which should bring up the file finder so you can select the file
* Determine research question (and variables): What most effects the likelihood of working from home? Do individuals with higher education, differing marital status, age, and employment type, etc, have higher likelihood of workplace flexibility?
* Select the necessary variables – age, marital status sex, highest diploma/degree, class of worker (employment status), and place of work status as the outcome variable
* Using dplyr package in R; select the variables as named in the dataset, and then rename them to whichever variable name makes the most sense to you
* The dataset should contain all rows/observations but only for the six variable columns specified
* Now we should recode the variables into simple, workable categories for the simple logistic regression I run
* First, we will re-code age from 21 5-year age groups to 6- these are ages 0-19, 20s, 30s, 40s, 50s, 60s, and 70s + ; and then rename these categories as such
* Marital status is recoded into a binary variable of either has been married/common law or never has been married/common law
* Sex is already measured as a binary without any missing data, but needs to be recoded to 0/1 rather than 1/2
* Education is measured in 15 categories and recoded to 4- no college, some college, some university, beyond bachelors, and drop the missing data
* Employment type is also categorized as a binary of either self-employed or externally employed
* Finally, we recode the outcome variable of place of work status as binary for either having worked outside of home or worked at home/flexible workplace
* Using these variables, arrange a logistic regression model and view outputs
* I didn’t do any real visualizations because I wasn’t sure what would actually make sense for the context… but I tried to write code for a bar plot to represent employment status (how many work from home/are flexible versus work externally), so maybe you will have more success than my attempt!