“00) custom R functions”: contains a collection of custom R-functions written over 10+ years. Most custom R-functions begin with “fn.” Only a subset of these functions are currently used.

“02)sql\_to\_r mydata”: contains R-code that imports data from SQL into R and saves the data as R “.r” files. This code does NOT need to be converted to Python, and is here as an FYI.  
  
“03) nums numeratorsofpsitems” contains R-code that creates new “columns” in each R-dataframe, and then saves the new dataframe with the additional columns with a new name.  
  
In R, an alternative to a “newer” and maybe alternative to a dataframe is a data table. Unsure what’s best to use in Python.  
  
The r data files “mydata\_af.m1” and “mydata\_af.” have over 1000 columns and ~250,000 rows. Each column contains annual data. Each row contains data specific to a company, fiscal annual date, etc. The “primary key” or “unique identifier” for each row in the “mydata\_ad.n” dataframes are the first 8 columns of each dataframe.

I’d like to use this “project” as a way to learn:  
- How to use GitHub  
- How to better write code, organize code, comment and document code, etc.  
- How to code in Python