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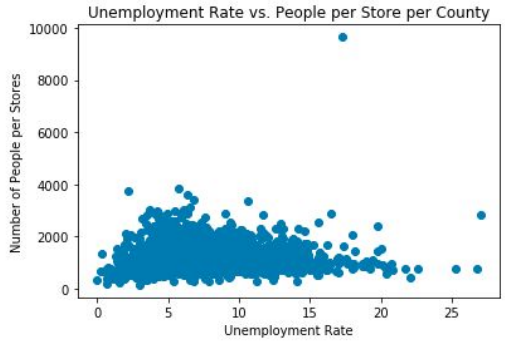
Data Write Up

Unemployment Med HH Inc-Table 1.csv

From this dataset, I was able to get the size of the civilian labor force for each county. I plan to use this as one of the features in my regression model. This dataset is representative of the population because counties should all have majority of civilians in the labor force. However, because counties have different numbers of people living in them, I will need to divide this number by the total number of people in each county to find the percentage of people in each county that are part of the labor force.

Supplemental Data - County-Table 1.csv

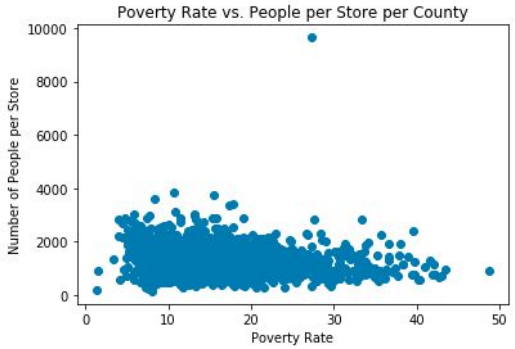
From this dataset, I was able to get the population size of each county. This will be useful in analyzing the other datasets because it will allow me to factor in the various sizes of counties.



There does not seem to be any connection between the unemployment rate and the number of people per grocery store. There is one outlier which might be interesting to investigate.

acs2015_county_data.csv

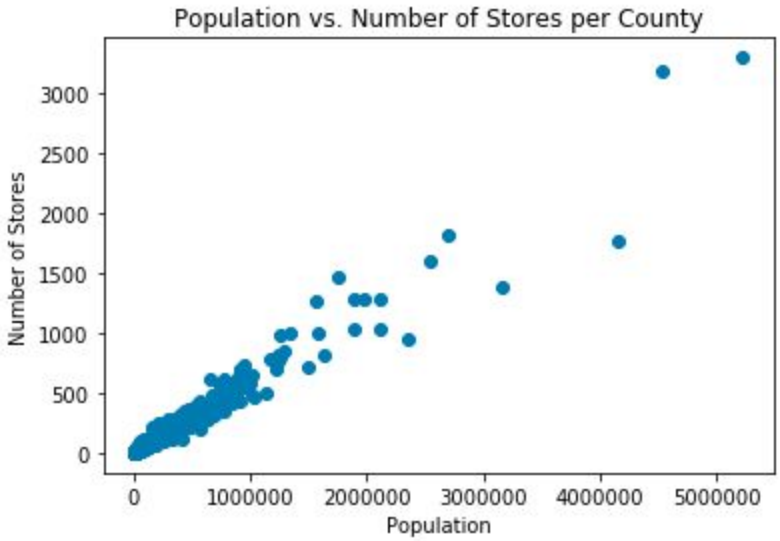
From this dataset, I was able to get the percentage of each race in each county, in addition to some other demographics data such as income, poverty percentage, and unemployment rate. This data is representative of the population because it is in terms of percent, meaning it takes into account the size of the county.



There does not seem to be any connection between the poverty rate and the number of people per grocery store. There is one outlier which might be interesting to investigate.

STORES-Table 1.csv

From this dataset, I was able to get the number of different types of stores in each county. This dataset has the number of grocery stores, supercenters, convenience stores, and specialty stores per county. This dataset is not representative of the population because some counties might get their food primarily in other ways, like farmers markets. I also will need to account for the varying sizes of each county when doing my analysis.



As population increases, so do the total number of grocery stores.