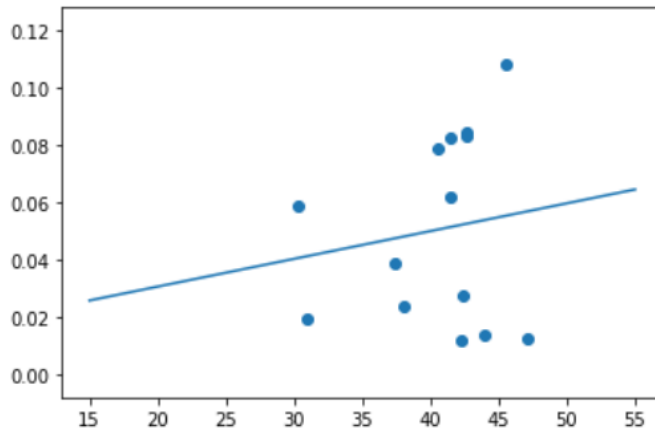


Rex Asabor

Task 1: - Graph of new Linear Regression - Important statistics (e.g. R^2 , p-value) - Results, Interpretation, and Discussion

p-values: 0.6258233995725249
 R^2 : 0.020442589905084307
Slope: 0.0009647650888934229



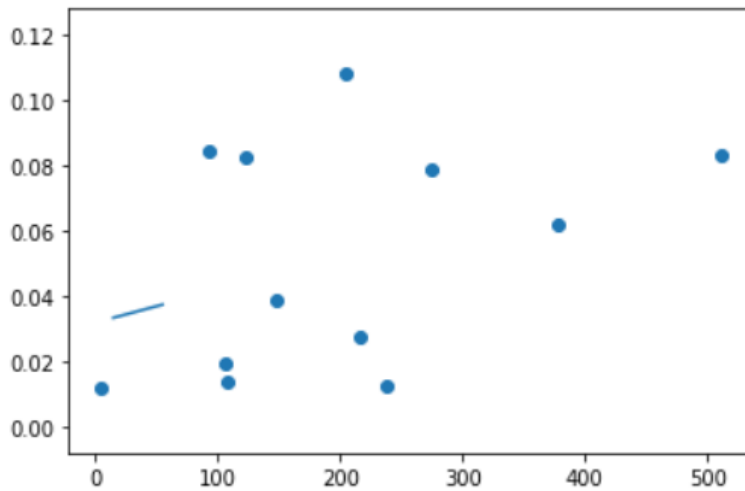
After removing the countries that have less than 10,000 confirmed cases of the coronavirus, I reran the linear regression. I noticed an increase in our correlation of determination to 0.204 noting a weak, but stronger, positive linear correlation between Median Age and Death Rates of the countries.

After reducing the set

Task 2: - Research question - Data source and description of the data you have found (a sentence or two is all you need) - Methods and results with accompanying graphs - Make sure to discuss the credibility of your results

With data downloaded from <https://population.un.org/>, I tested to see if there existed a linear correlation between population density and the death rate of the country. The sample size for this is low so that may hinder our test for correlation but nonetheless I discovered a correlation of determination of 0.159, indicating a weak positive correlation.

p-values: 0.19923933512341396
R²: 0.15894532530691166
Slope: 9.997494524925618e-05



Task 3: We are still in the process of designing the assignments for this course so we wanted to get an idea of what you all wanted to get out of it. Please include: - A few sentences describing why you decided to take this course/what you were hoping to get from it. - How long it took you to complete this assignment

I took this course because I enjoy exploring data and datasets, learning about ML and am curious about the patterns that may lie in coronavirus datasets. This assignment took 2 hours.