* 250-500-word paper summarizing the following: Statistical/Hypothetical Question
  + Outcome of your EDA
  + What do you feel was missed during the analysis?
  + Were there any variables you felt could have helped in the analysis?
  + Were there any assumptions made you felt were incorrect?
  + What challenges did you face, what did you not fully understand?

My hypothetical question for this project was “does life expectancy at birth impact birth rates?” After doing all of the various steps required, I safely rejected my null hypothesis, which was, “life expectancy at birth does not impact birth rates.” I made the conclusion that life expectancy at birth impacts birth rates after reviewing my histograms, regression line, p-value, and so on. There seems to be a negative relationship amongst the two values. As life expectancy at birth increases, birth rates seem to decline as a result. One thing that I feel I missed was the ability to run more complicated tests. Ideally, I would have wanted to run maybe a KNN test to be able to get the accuracy of my hypothesis. All of the variables that I felt were helpful, I did use. However, I do also wish that I had life expectancy at birth and birth rates from various points in time. In addition, I do wish I had information regarding the countries. For example, there is currently a war in Syria. This war could be a factor that impacts both life expectancy and birth rates. The overall assumption I made feels to be correct and does make intuitive sense, but as I stated, there could be many external variables that can impact both life expectancy and birth rates. The biggest challenge I faced was making my conclusions. I was quite hesitant about making any sound conclusions as what my code was doing felt too small scale. The only thing I did not fully understand was the calculation of my p-value. For some reason, I got “0.0.” I wish I knew if that were correct or not, as even a p-value of 0.002 would have given me a bit more comfort regarding the conclusion I could make.