Project 1 Covid-19 in SA

We wanted to take a deep dive into the impact of COVID-19 on the population of Bexar County. We gathered our data from Open Data SA on the city of San Antonio’s website which was available as a .CSV download and a Census data pulled via API.

We specifically wanted to look at income, age, ethnicity, and zip code population to see what role, if any, these factors played in COVID-19 positivity in Bexar County.

We needed to merge the two data sets together which required a good amount of clean up of the Census data. We removed zip code 78150 – JBSA because the Census listed the income for that zip code as a negative number. We kept the zip code for Lackland AFB even though the zip code represents some outliers in our data. This is because the majority of that zip code is male and under 25. We decided to keep it because those demographics (males and under 25) show correlations in other zip codes.

We ran a scatter plot chart to see the correlation between zip code population and positive cases. As you can see, there was a strong correlation between the two. We decided to look at the positivity rate per 100k in order to level the playing field. We ran scatter plots for our data because we are comparing two different variables.