Written analysis on Population and Fuel type

* The data that I was working with consisted of countries, years, percentage of energy produced, and population count for the 39 countries where the data was available.
* I was tasked with finding if there was a correlation between the type of energy a country produced and the population of the country.

**First slide**

* The data shown presents the 39 countries in ascending order based on population, as the y-axis shows the Non-Renewable Percentage produced in each of the countries.
* As you can see the chart doesn’t seem to have major reason to believe that there is a correlation between the two, however there are some that that do hold up on the data, like India and Iceland showing the highest population and a high production of non-renewable, with Iceland showing the lowest population but 0% non-renewable energy.

**Second slide**

* The second slide is a scatter plot throwing the population on the x axis, as well as the percentage of non-renewable produced percentage on the y-axis, the graph clearly portrays that if there is a correlation it is extremely weak based on the r value of .07 being close to 0.

**Conclusion**

* There is a weak correlation between population count and type of energy produced in a country based on this dataset.
* There may be other factors that contribute to how much and what type of energy is produced in a country other than population.