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Outcome of my EDA:

My EDA confirmed a lot of my assumptions going into this data set. Specifically, factors like most of the globe having their total population have access to electricity. It also revealed some interesting information about the impact of GDP per capita in comparison to Total Energy Consumption. This is likely due to societal policies and energy efficiencies improving once a threshold of capital is met in each country.

What do I feel was missed during my analysis?

My analysis misses some key global political issues that happened during 2000-2020. For example, Afghanistan goes from 1.6% of their population having access to electricity to 97.7% having access to electricity by 2020. Also, my analysis did not include the “Financial Flows to Developing countries from the US” which was information available in my data set.

Variables that could have helped my analysis  
  
As previously mentioned, “Financial Flows to Developing countries from the US” is an interesting variable that may have shown some critical details regarding the increase in availability of electricity to developing countries.

Were there any assumptions that you made that were incorrect?

Short answer yes. I severely underestimated the number of countries that still had less than 20% of their population having access to electricity. While that number has dropped significantly over the past two decades it is still a lot higher than I had expected.   
  
What challenges did I face, what did I not fully understand?

I always tend to struggle with finding variables to compare together to try and pull some information from. I have typically handled this by changing a variable for each iteration until I have a visual that makes sense.   
  
Overall this was an incredibly fun and enlightening class. I wish I had more time with it because it has taught me a lot.