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CSE 302

29 March 2025

Project 1

CO2 Emission list

I am always a since oriented person, so I looked around for a more science related dataset. I stumbled across this Global Environmental Indicators list. There were a ton of potential tables that were available, but I stuck with the CO2 emissions one. The reason being is that I work in a place that has a lot of CO2 emission, so I took great interest to see which countries in this dataset had the highest and lowest.

The original data table consisted of columns from the year 1990 all the way to 2018, in addition to some other columns that more data about the change in percent of emissions of the last year. There were a few more columns that had data that was not as interesting to me that I also cut out. I cut every column down till there was country, year, and CO2 Emission for the csv file. This dataset did come from Kaggle, and I chose this as my second set originally in case the first one did not work out and low and behold the first did not work out. But all in all, this is a a really thorough set and I enjoyed working with it.

I went a tad bit off script and added the option to choose which of the three categories to sort by and in which way to sort them. I really disliked just leaving the program to sort by only one category, so I changed it. Hopefully this is not an issue on the part of the grader, but it made more sense for the user to know how the list was sorted and to make it a bit more interesting.

Source for CSV

Ruchi798. *Global Environmental Indicators*. Kaggle. Accessed March 29, 2025. <https://www.kaggle.com/datasets/ruchi798/global-environmental-indicators>.