FIT3179 Data Visualization | Homework Assessment Week 4
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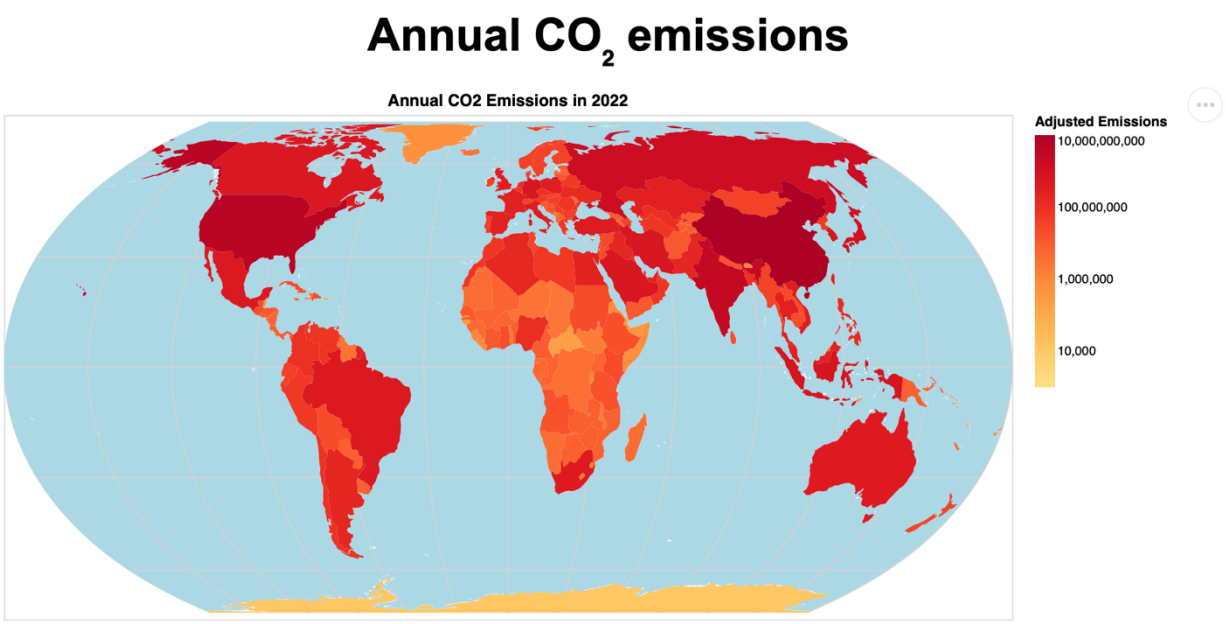
URL for GitHub : https://github.com/junistz-dev/2024_Data_Vis_Homework_week9



domain of visualization

- Global carbon dioxide emissions from fossil fuels in the world.

The visualized dataset (attribute types, source and author)

- The type of data is Geometry, representing a world map, where the spatial data consists of each country separated by their borders. Each country is shaded according to the total Annual carbon dioxide emissions.

- Attributes | Quantitative: Areas emission by annual, Year | Qualitative: Country

- Data source: https://ourworldindata.org/co2-and-greenhouse-gas-emissions#all-charts

- Data author: Hannah Ritchie, Pablo Rosado and Max Roser

A justification for the type of map idiom used (Why I used choropleth map)

- This visualization is used to provide an overview of how much carbon dioxide each country emitted per year. By analyzing the trend of CO2 emissions over time and comparing it with other datasets, it can offer better insights into the impact of different policies, economic activities, or population growth on emission levels, and help identify areas where improvements or interventions are needed for more sustainable practices.

why you chose to create a proportional symbol map instead of a choropleth map or a dot map.

- I chose to create a choropleth map instead of a proportional symbol map or a dot map for the CO2 emission world map because it provides a clear visual representation of emissions relative to geographic areas. Choropleth maps use color gradients to represent data, which makes it easy to identify patterns and trends in CO2 emissions across countries. This is especially useful for showing the relative intensity of emissions in a spatially balanced way.