



Dataset Nutrition Label

Population Density and Air Quality

About

This dataset is about population density and the air quality in particular cities.

Data Creation Range: May 2023 - present

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Content : Comma-separated values dataframe that includes US Census data for the years 1990, 2000, 2010, and 2020, and the Global Historic Emissions numbers by state and by year for the years 190, 2000, 2010, and 2020. This new data frame was created for the purpose of comparing population density and air quality around the US, to then be able to make inferences on public health status of the respective states and regions. The conclusions that can be gained from this analysis could help address larger issues when it comes to dealing with climate change at a state or region level, and could be used to present as arguments calling for policymakers to take action against climate change at a more local level than the global scale at which climate change is typically discussed at.

Sources

<https://www2.census.gov/programs-surveys/decennial/2020/data/apportionment/apportionment.csv>

Use Cases

- 1 How are certain populations more impacted by carbon emissions than others?
- 2 Is there a pattern of a certain type of air quality for particular populations?
- 3 Why are some cities more successful than others at protecting citizens from the affects of poor air quality?