Documentation
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The main purpose of this webpage is to better understand and compare air quality of different counties within the contiguous United States from 1980-2021.

The project is shown through three webpages, the index, the linechart, and the comparative pie charts. For the line charts you can enter in through a prompt which major counties you want to compare. I wanted to make it so it was a scroll down and the search got narrowed as you typed in your answer, but I ran out of time. For the pie charts you can still enter the desired counties by prompt, or you can answer all and get the entire data available. Further, there is a drop down menu where you can select which desired years to compare.

With these visualizations it is easy to see how air quality and how certain pollutants have changed over time within a single county. Aso it enables users to compare how air quality Varies across the entire contiguous United States.

I just used d3v6 as the only major library for this project besides javascript, html, and css. I wrote a python code to get the list of 40 excel documents into one document to work with.

My code is available at: https://github.com/hunterhfugitt/hunterhfugitt.github.io. The webpage can be accessed at hunterhfugitt.github.io