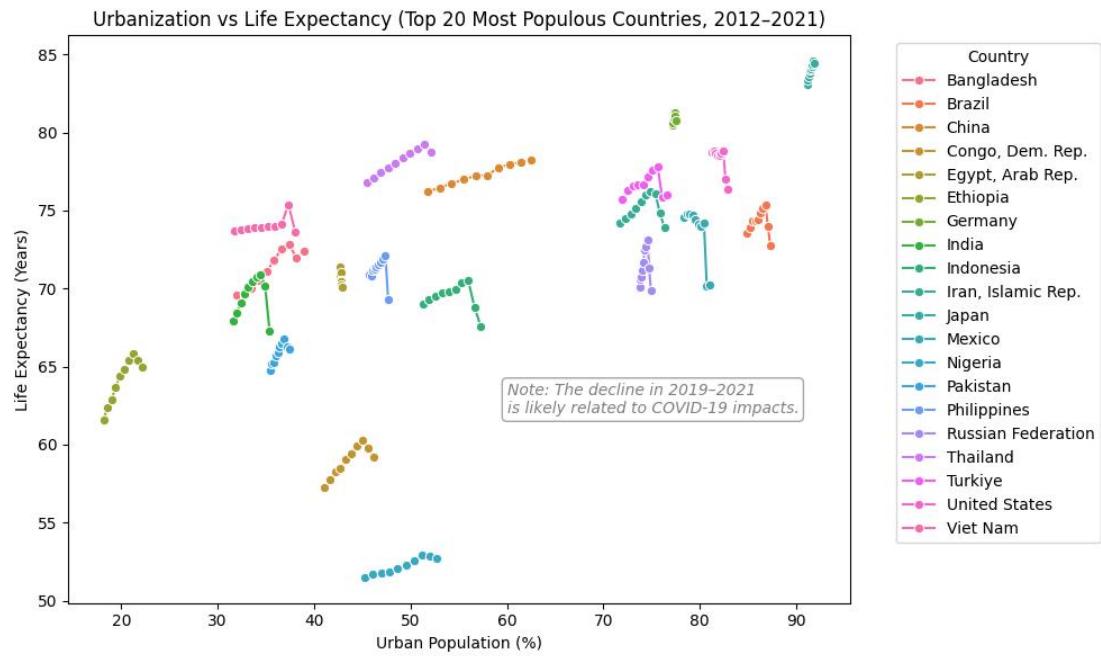


Project 3 checkpoint

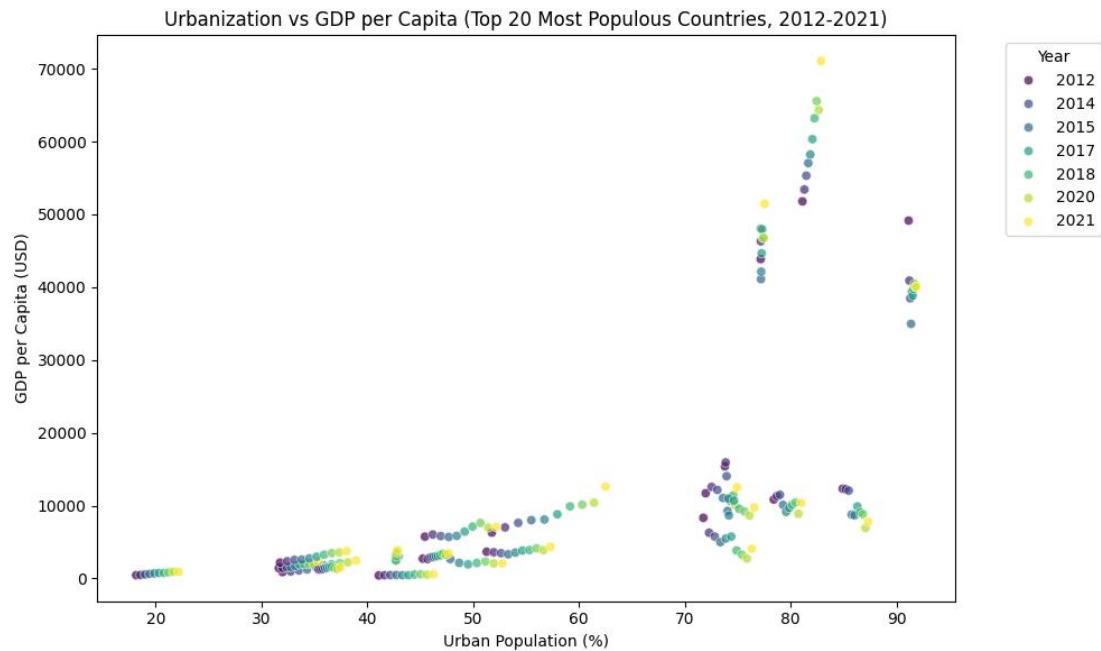
Plot 1

Urbanization vs Life Expectancy (2012-2021), shows how life expectancy tends to increase along with urbanization among the world's 20 most populous countries. Each line represents one country's trend over time. While most countries show a gradual improvement in both urban population and life expectancy, there is a visible decline between 2019-2021, likely related to the COVID-19 pandemic.



Plot 2

Urbanization vs GDP per Capita (2012-2021), shows a positive correlation between urbanization and economic development. As the percentage of people living in urban areas rises, GDP per capita generally increases as well.



Idea for Interactive Visualization

For the final interactive version, Maybe we can use a slider for year selection and hover interaction to display country-level details.

As the year slider moves, all bubbles on the chart will update dynamically to reflect each country's urbanization rate and corresponding life expectancy or GDP per capita for that year. We can hover over a bubble to see more details, like that country's GDP, pollution level, or health spending.