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Live Expectancy and GDP

I got this data from Codecademy for a portfolio project. It's a data with few columns but I think it was good for learning plotting graphics.

Precedent

I started to look to the columns. They are "Country", "Year", "Life expectancy at birth (years)", "GDP". I wanted to compare Life expectancy and GDP by country. It is also a helpful to know if GDP and life expectancy correlate.

My finds

We see that since the 2000s the life expectancy for around 4 years. This data doesn't give that information for the reason, but I guess that healthcare for the 3rd world countries got better. We see in the 1.1 Statistic the worse the life expectancy the better the improvement of it. For Instance, Zimbabwe went from 44 years to 60 years but it's still under the mean 73 years.

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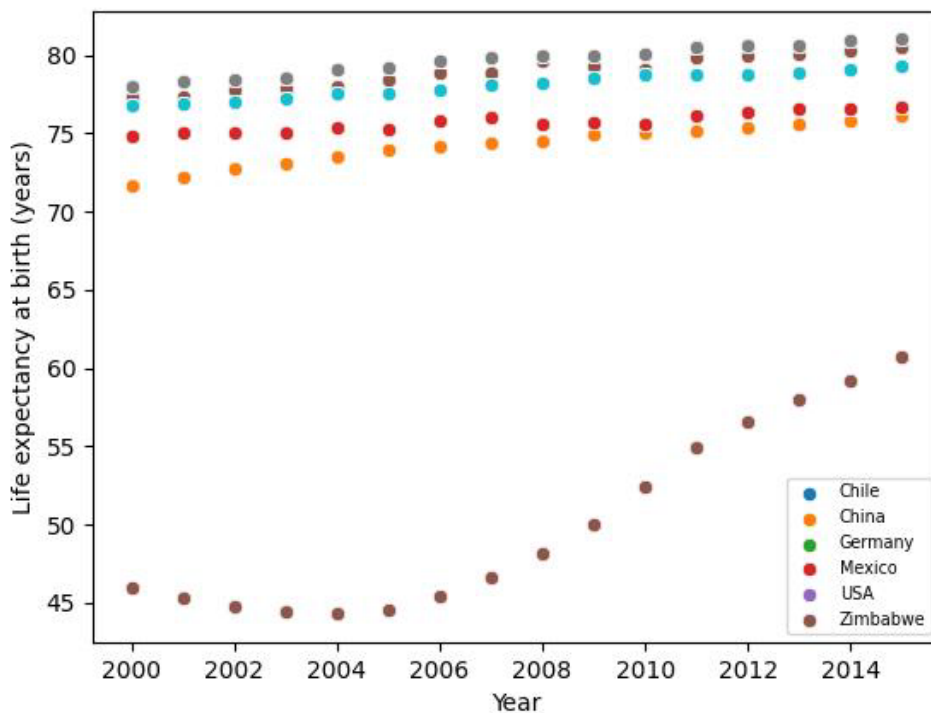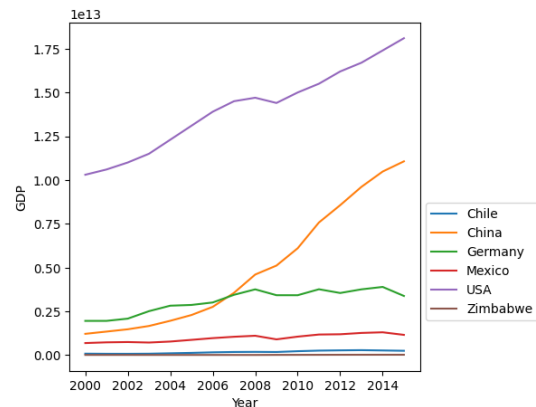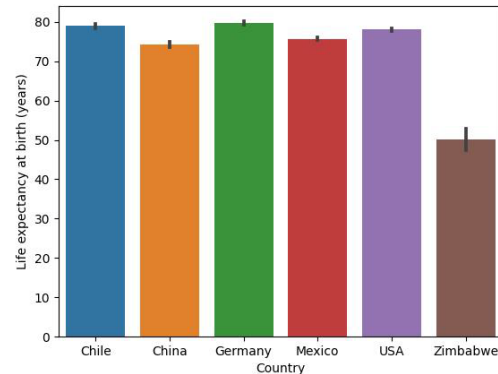
Most GDP went up especially for USA and China. We will get closer look to GDP and life expectancy. After a certain GDP it starts to effect less to the life expectancy. And for the most countries we see a decrease in 2008-2009 because of the Lehmann crisis. We see in the 1.3 graphic that those both correlate. And even if I compare the worst three countries with life expectancy. We don't see the GDP of Zimbabwe increase. This proves my point.
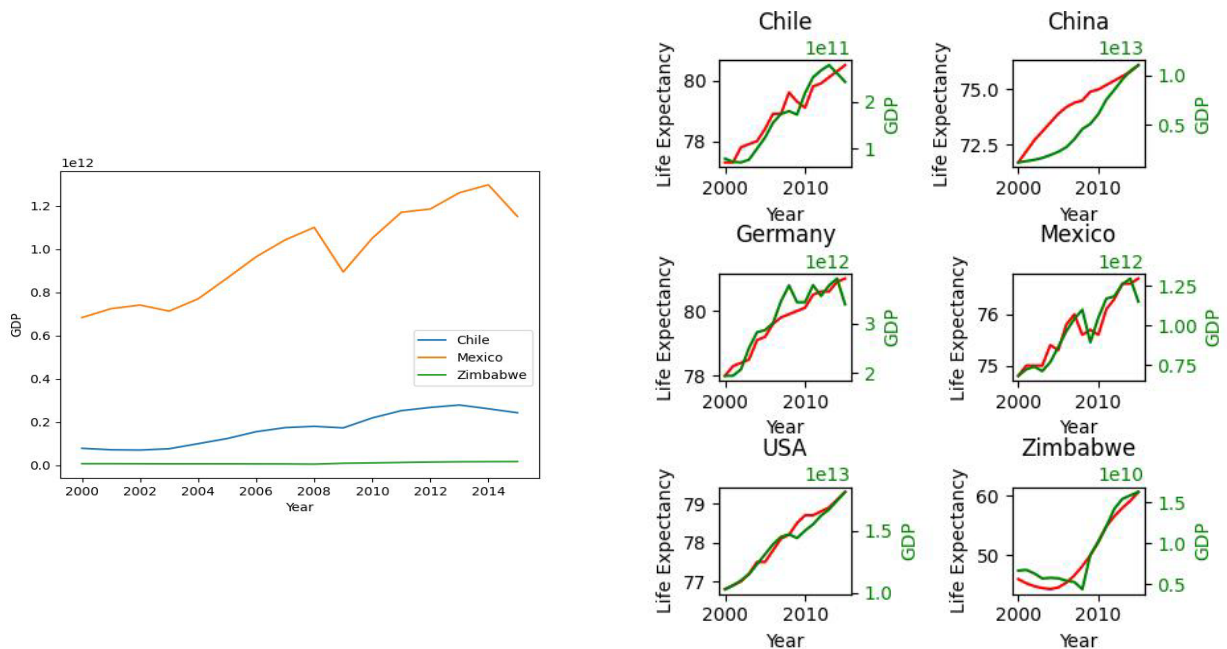
Conclusion:

In conclusion, this analysis of life expectancy and GDP data has revealed key insights. The data showcases a consistent rise in global life expectancy since the 2000s, particularly in countries with lower initial life expectancies. While GDP growth positively influences life expectancy, this impact diminishes beyond a certain economic threshold. The 2008-2009 financial crisis left a visible imprint on both GDP and life expectancy trends, highlighting their correlation. However, this study also emphasizes that factors beyond GDP contribute to improved life expectancy, as demonstrated by cases like Zimbabwe.