

Life Expectancy at Birth and GDP

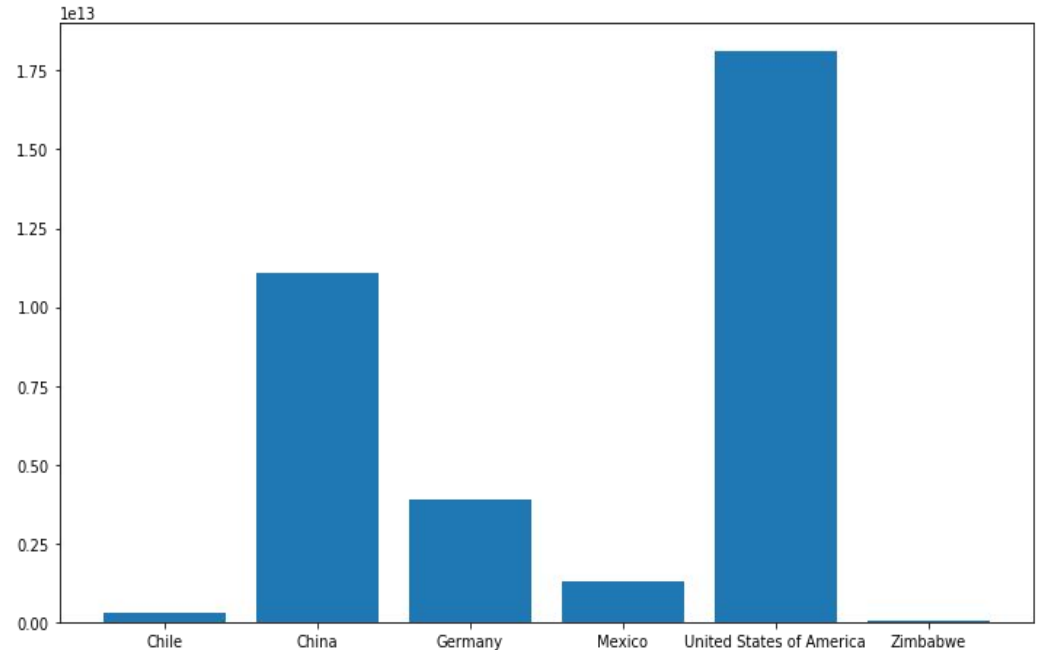
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Average GDP for Countries

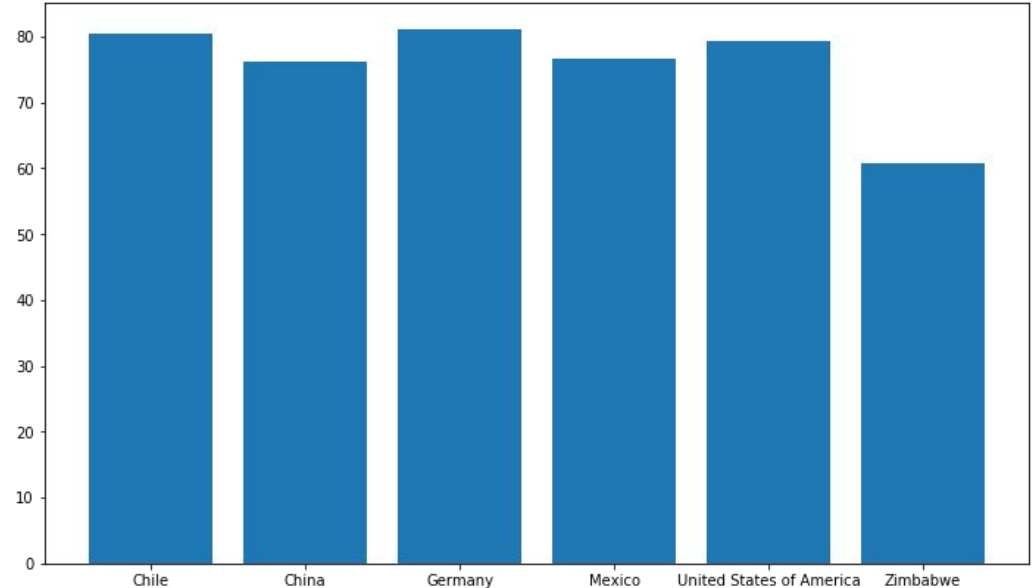
- GDP (Gross Domestic Product)
 - Amount of products produced by a country per year
- Countries studied were Chile, China, Germany, Mexico, America, and Zimbabwe
- United states has highest average GDP, while Zimbabwe has the lowest
- Data taken from 2000 to 2015





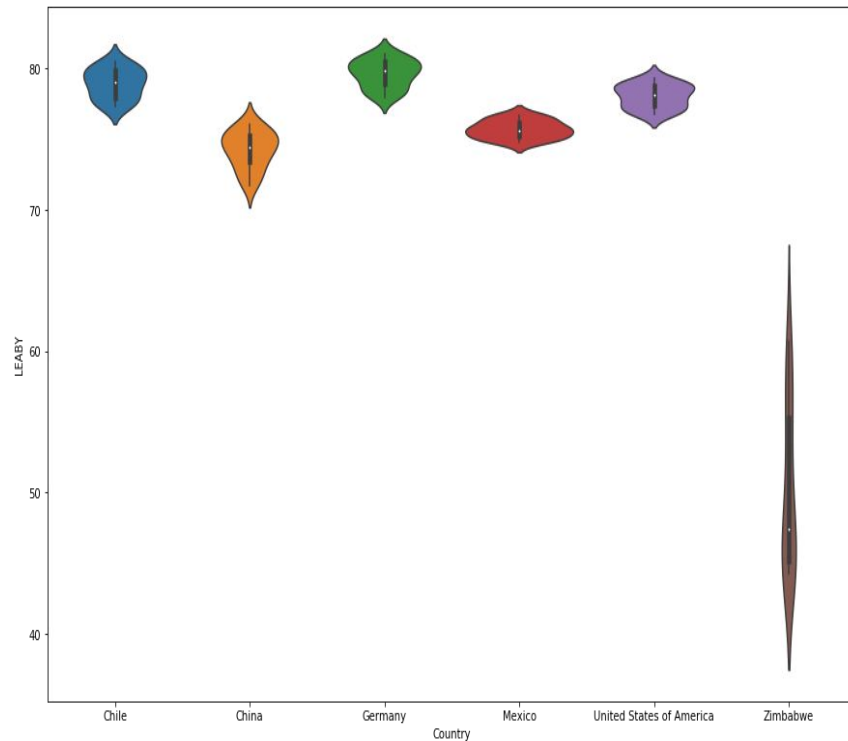
Average Life Expectancy at Birth (LEABY) for Countries

- Life Expectancy at Birth vs. Countries Graph
- Life expectancy is mostly constant with the exception of Zimbabwe.
- Countries studied were Chile, China, Germany, Mexico, America, and Zimbabwe
- Data taken from 2000 to 2015

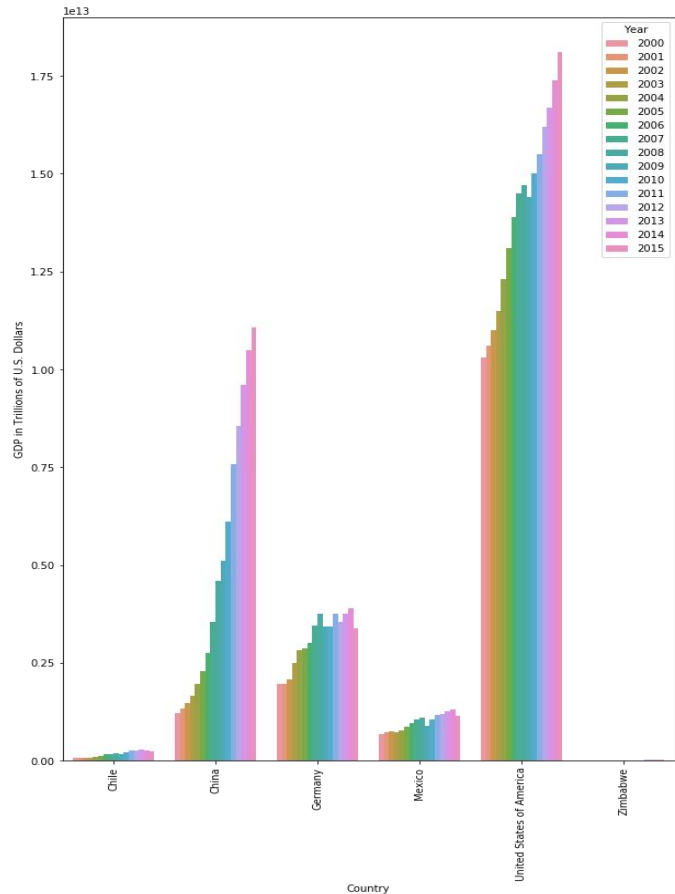


LEABY Violin Graphs

- Again most countries have pretty concentrated life expectancies with the exception of Zimbabwe
- Most people from Chile, China, Germany, Mexico, and America have life expectancies between 70 and 85

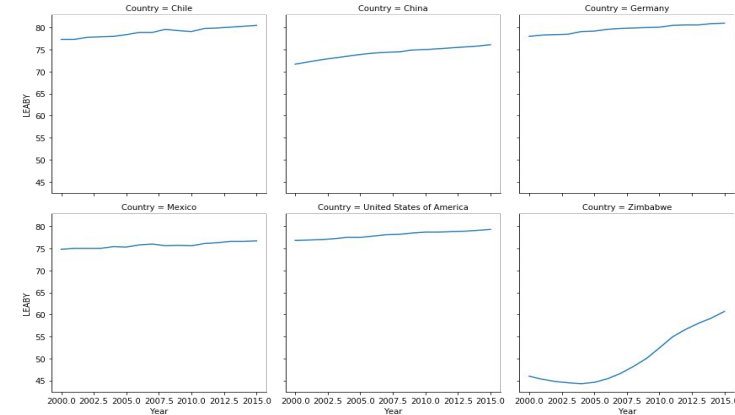
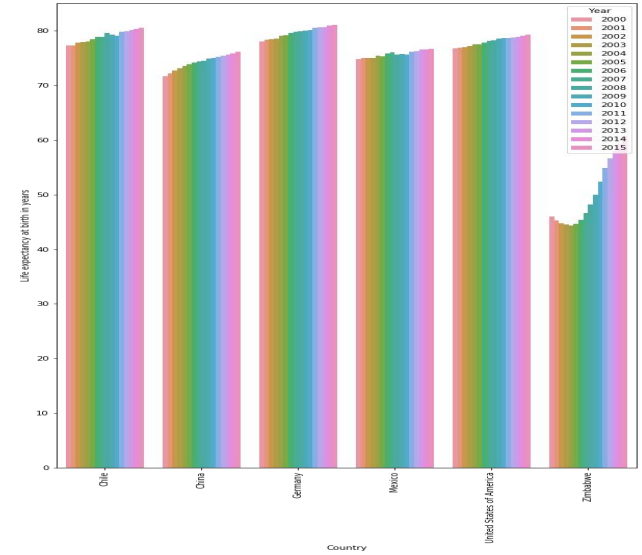


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- Figure 1 consists of six subplots arranged in a 2x3 grid, each showing the GDP of a different country from 2000 to 2015. The y-axis for all plots is 'GDP' on a logarithmic scale, and the x-axis is 'Year'.
- Country = Chile:** The GDP remains relatively stable and low, starting around 0.1 and ending slightly higher.
 - Country = China:** The GDP shows a strong upward trend, starting around 0.1 and reaching approximately 1.1 by 2015.
 - Country = Germany:** The GDP is stable, starting around 0.2 and ending slightly higher.
 - Country = Mexico:** The GDP is stable, starting around 0.1 and ending slightly higher.
 - Country = United States of America:** The GDP shows a strong upward trend, starting around 1.0 and reaching approximately 1.8 by 2015.
 - Country = Zimbabwe:** The GDP remains very low and stable, starting around 0.05 and ending slightly higher.



LEABY 2000-2015

- The LEABY is the highest in Germany, but it is all concentrated around 77 million for five of the six countries (excluding Zimbabwe)
- Zimbabwe, though it has the lowest LEABY, has had the greatest increase over the last 16 years
- Zimbabwe is also the only country to have a considerable dip in leaby in the last 16 years





LEABY and GDP

- The X axis for each graph shows the GDP for each country
- The Y axis for each graph shows the LEABY
- The United States consistently has the highest combination of GDP and LEABY
- China has the largest change in GDP
- Zimbabwe has had the greatest change in LEABY.
- Zimbabwe consistently has the lowest combination of GDP and LEABY

