

Trends & Insights of the Top 250 Billionaires in 2023

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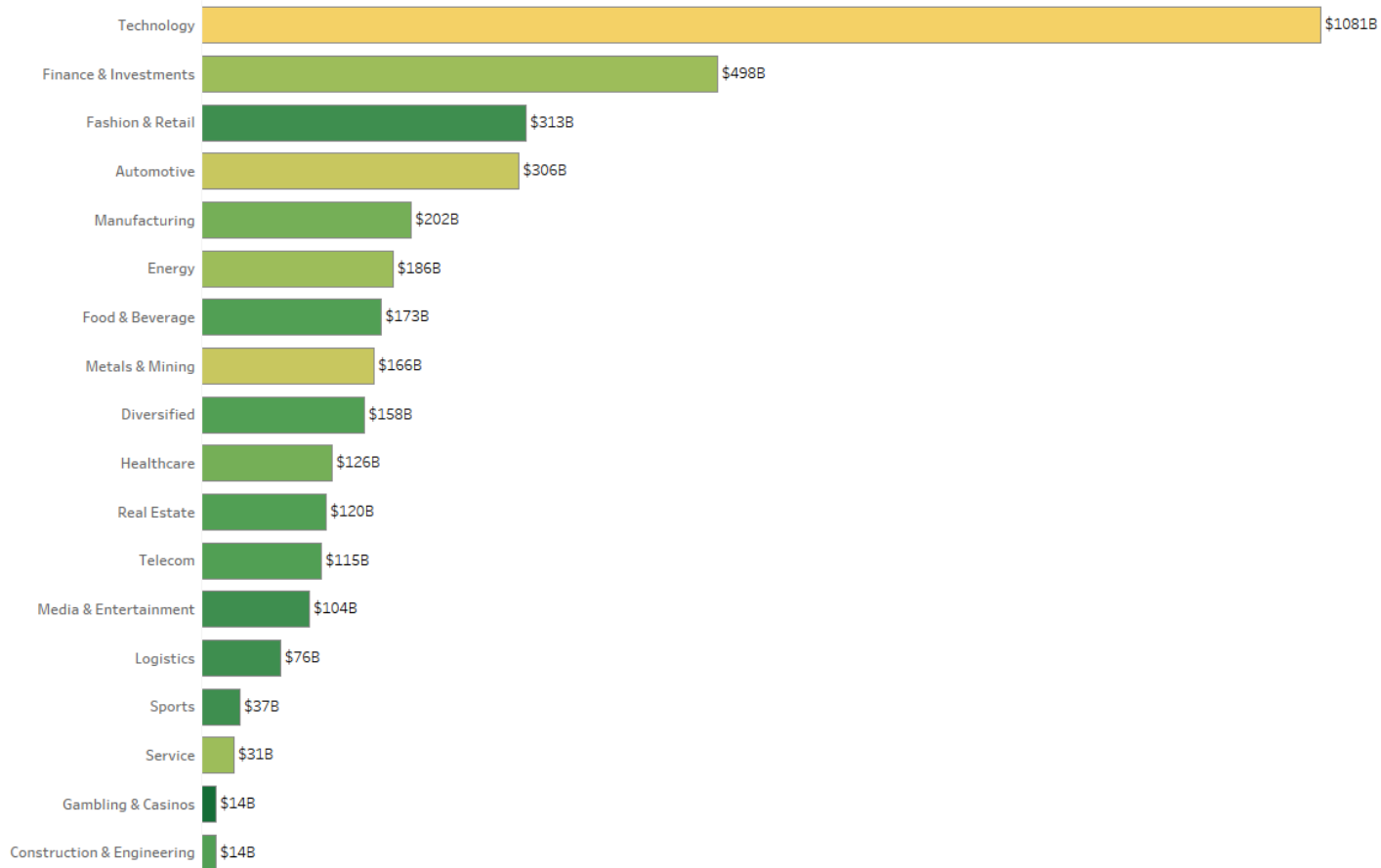
MIS 4360 01

Fundamentals of Data Visualization

April 15, 2024

Top 250 Billionaires by Sector & Age (2023)

The technology sector has both the most self-made and youngest billionaires



Median Age

51.00 94.00

Self Made or Not?

☐ (All)

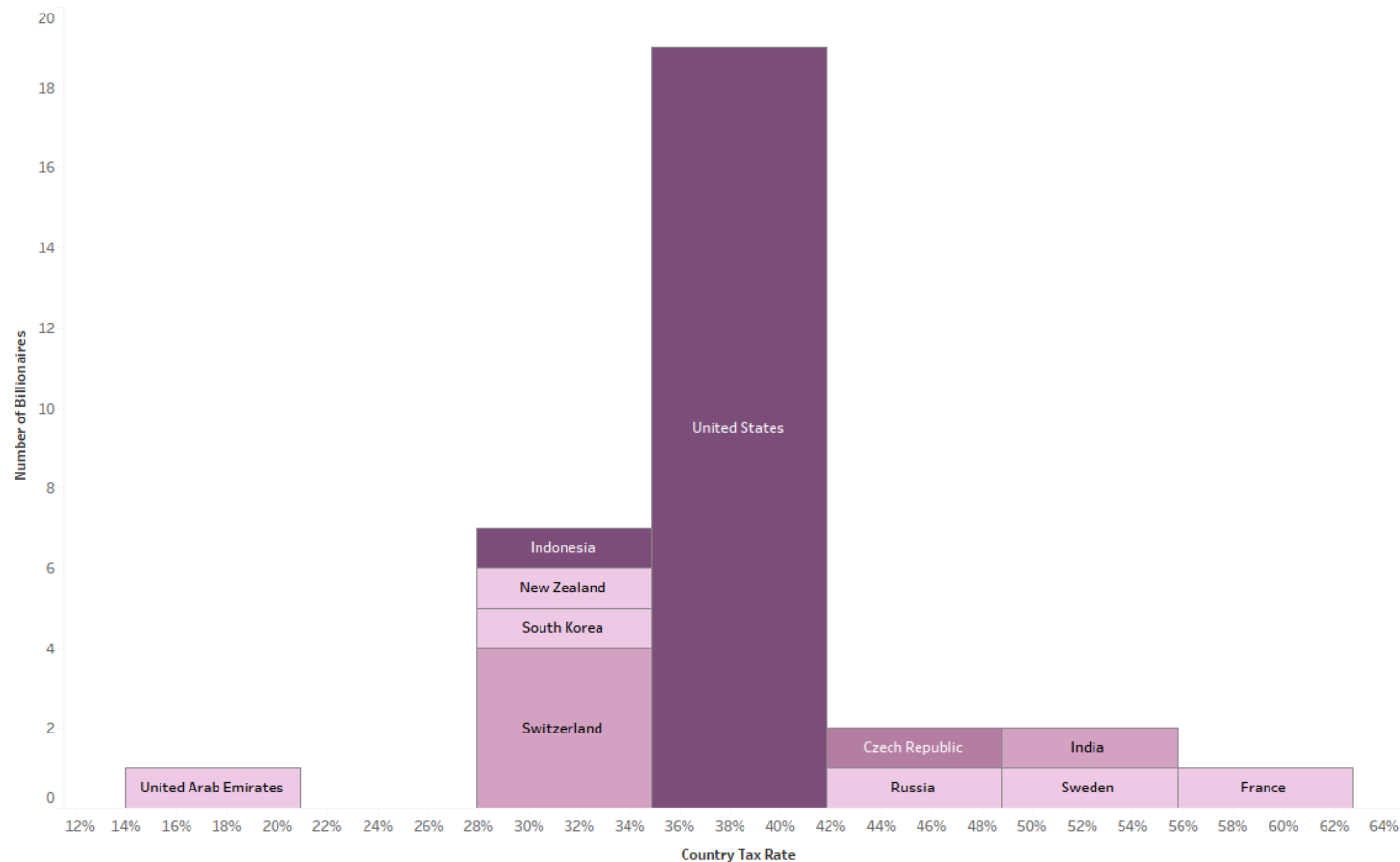
☐ False

☒ True

1. Parameter allows user to select whether the top 250 billionaires viewed are self-made billionaires or not.
2. The technology sector has the youngest median age of billionaires
3. Some industries, such as automotive, are dominated by one very successful billionaire, such as Elon Musk.
4. 70% of the wealth of the Fashion & Retail sector is influenced by 1 very successful non-self-made billionaire.
5. Distribution of age and total net worth of billionaires are very similar around the middle of the graph.
6. There is a huge disparity of median age of 51 in Technology to 94 in Gambling & Casinos.

Distribution of Top 250 Billionaires by Country Tax Rate (2023)

Wealthiest billionaires tend to be in country tax brackets between 35-42% on average



Choose Sector(s)

☐ (All)
☐ Automotive
☐ Construction & Engineering
☐ Diversified
☐ Energy
☐ Fashion & Retail
☒ Finance & Investments
☐ Food & Beverage
☐ Gambling & Casinos
☐ Healthcare
☐ Logistics
☐ Manufacturing
☐ Media & Entertainment
☐ Metals & Mining
☐ Real Estate
☐ Service
☐ Sports
☐ Technology
☐ Telecom

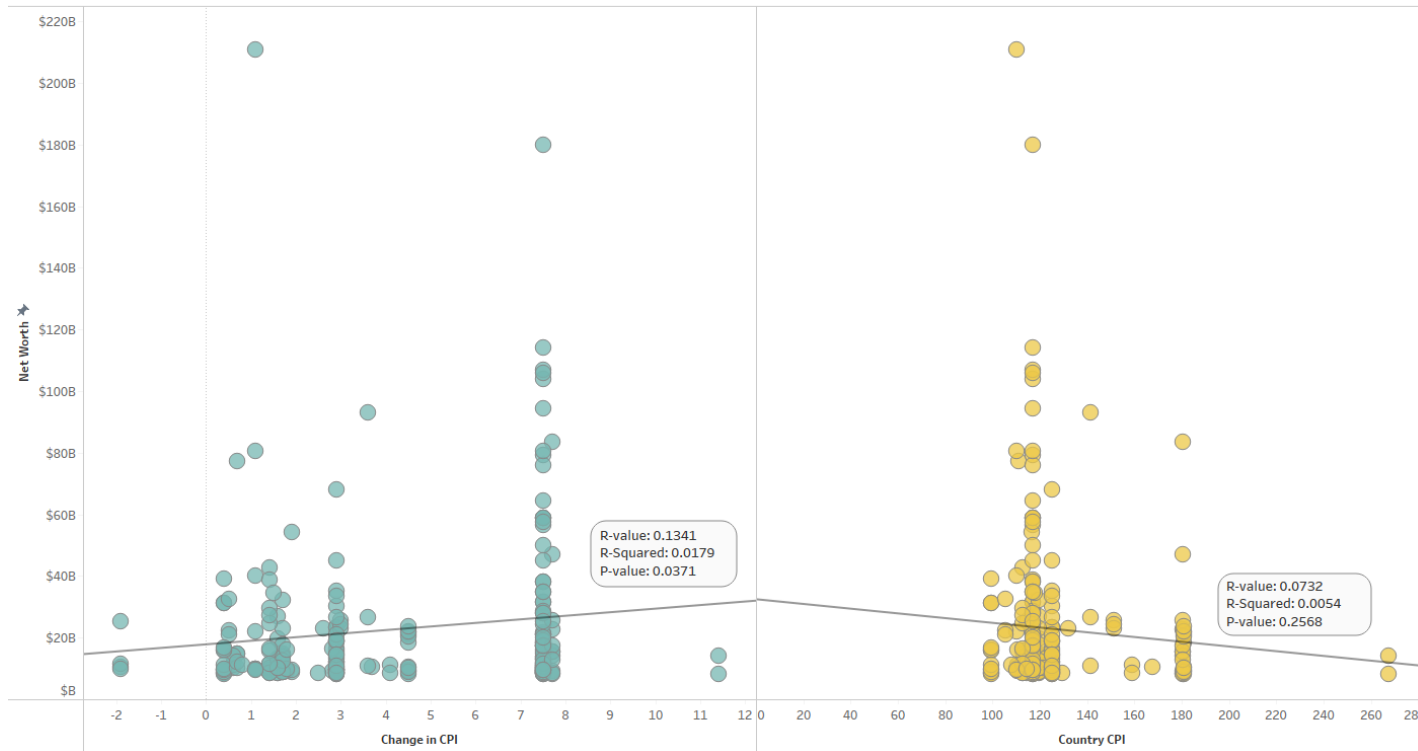
Average Net Worth

\$9B
\$248

1. Parameter allows user to select which sectors to focus in on for analysis and comparison.
2. The distribution for Finance & Investments is mostly normally distributed and is neither skewed left nor skewed right.
3. Depending on the sector, the tax bracket can differ +/- over 10%, however most are around 30-40%.
4. Some sectors portray an inverse normal distribution / inverse bell curve with units on both the low and high end of tax rate
5. There is a significant number of billionaires from the United States (over 18) when compared to other countries (with only 1).
6. Very low and very high tax rates tend to result in lower average net worth of billionaires.

CPI Change & CPI Relation to Top 250 Billionaires (2023)

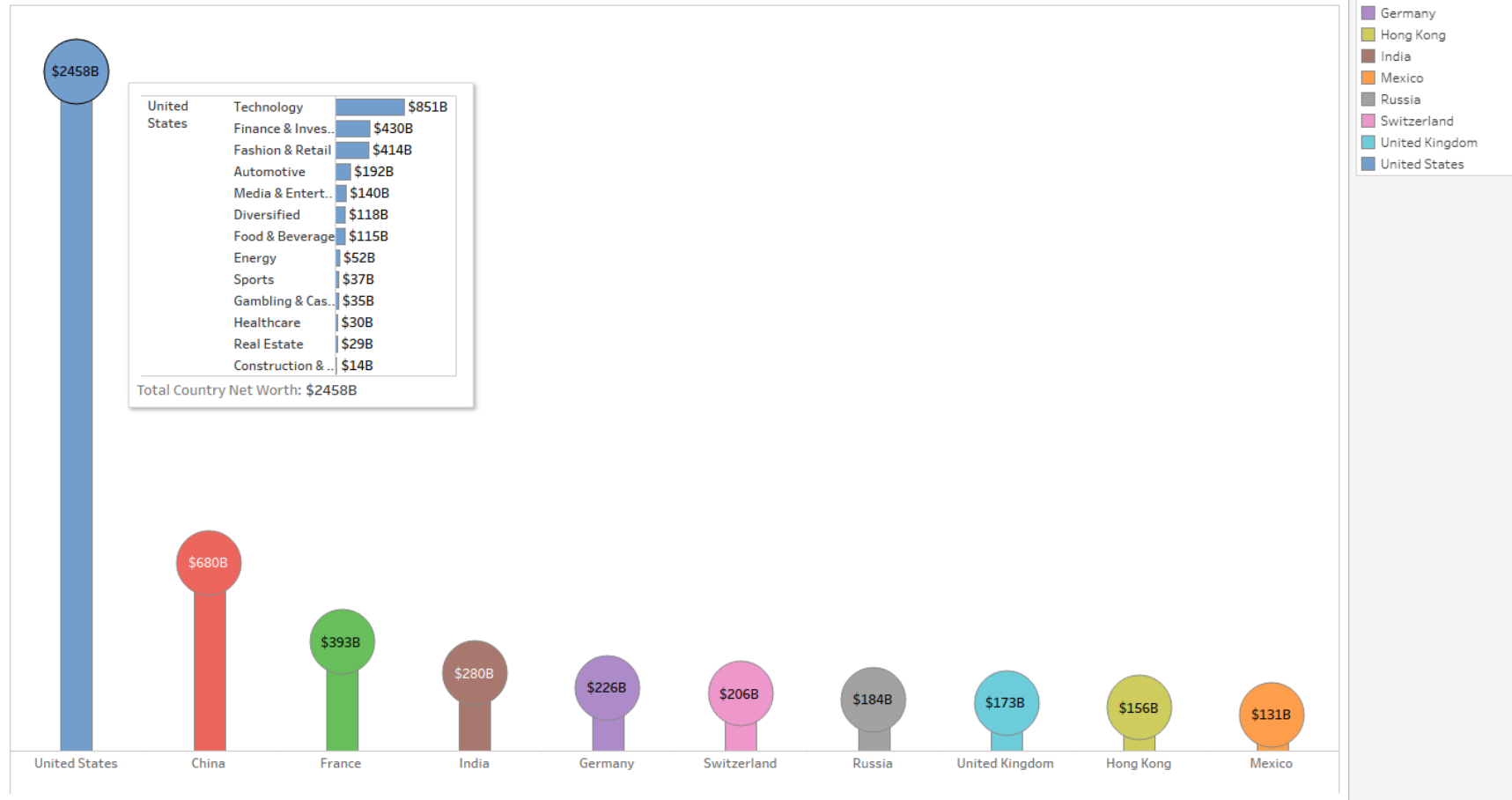
Change in CPI influence billionaire net worth more than country CPI



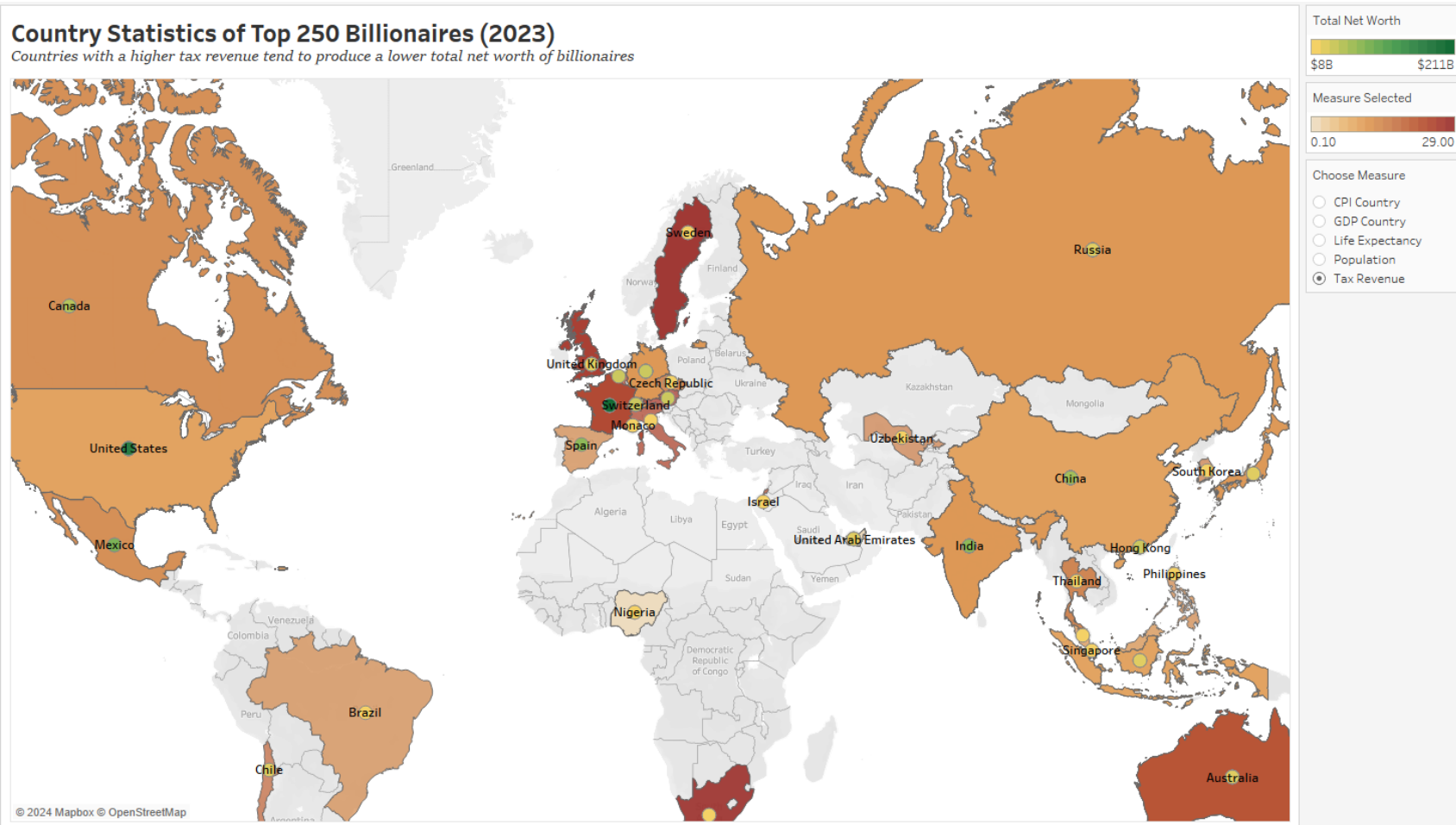
1. The R-value represents that 13% of the variance in net worth can be explained by the Change in CPI. The R-squared value of 0.0179 is very close to 0, therefore there is close to no linear association between the variables. The P-value of 0.0371 for change in CPI is under 0.05, therefore it is statistically significant, and the null hypothesis should be rejected. For Country CPI, the R-value and R-squared values have the same explanation. However, the P-value is well over 0.05 which means that it is not statistically significant, and the null hypothesis should be kept.
2. It is interesting how there is not much of a trend in Change in CPI and its affect on individual billionaire net worth.
3. The same can be said for overall Country CPI and a lack of much of an association or trend.
4. There is a high clutter around 100-130 CPI, but these also tend to be larger primary countries such as the United States.
5. Although the Change in CPI is statistically significant, there is still no linear association as proven by the R-squared value.
6. A larger number of billionaires at 7.5 CPI is more likely explained by residency in the United States, however country population, GDP, life expectancy, education enrollment, and tax revenue are ALL statistically insignificant as well.

Top 10 Countries of Top 250 Billionaires (2023)

The United States is the strongest country with the most amount of billionaires



1. Tooltip chart allows user to view split of sectors within the country and how total billionaire net worth is divided up.
2. The United States completely dominates in number of top 250 billionaires when compared to any other country.
3. Most countries are very similar around \$150-250B total net worth among the top 10 countries.
4. The United States has a high number of billionaires across all sectors
5. The technology sector and its dominance in the United States significant helps push the total country net worth to be higher.
6. China also has a strong dominance across most sectors but does not have coverage in as many sectors as the United States.



1. Parameter allows user to choose what type of country analyze CPI, GDP, life expectancy, population, and tax revenue.
2. Large primary countries such as the United States and China, which have the highest GDP's yield significant billionaire worth.
3. Companies with the highest tax revenues tend to yield the “least wealth” billionaires by comparison.
4. Both CPI and life expectancy do not seem to have a high correlation with billionaire net worth.
5. Countries with the highest population, such as India and China, do not have the most billionaires or highest worth.
6. There is a high concentration of billionaires in European countries but there is no trend amongst the countries even though they are in close proximity to each other.