

Abstract: Analyzing Billionaire Demographics and Wealth Distribution

Understanding the factors that influence wealth accumulation among billionaires is a key area of economic and social research. In this project, we analyze demographic and financial data to identify trends in billionaire distribution, industry dominance, and geographic concentration. Using the Billionaires Statistics Dataset and an additional demographic dataset, we aim to answer the following questions:

- Which countries have the highest number of billionaires, and how does wealth distribution vary across regions?
- What industries contribute the most to billionaire wealth accumulation?
- Is there a correlation between a billionaire's age and their net worth?

Our hypotheses suggest that:

1. Tech and finance industries dominate billionaire wealth.
2. Developed nations, particularly the United States and China, have a higher concentration of billionaires.
3. Younger billionaires are more likely to be in tech-related businesses, while older billionaires come from traditional industries.

To test these hypotheses, we conduct descriptive statistical analysis and data visualization using Python. We generate bar charts, scatter plots, and distribution graphs to uncover meaningful trends in the dataset. The results provide insights into the economic landscape of billionaires worldwide and the sectors driving extreme wealth.

This research contributes to understanding how wealth is accumulated and concentrated, providing insights for economists, policymakers, and business analysts.