

# Forbes Billionaires List

Billionaires wealth distribution analysis 1997 - 2023

## Goal

The goal of this analysis is to understand how the wealth of the wealthiest is distributed in the different present variables. And to discover trends, patterns, and insights on the world's billionaires. Such as the gender and age distribution, the countries with more billionaire activity, and the percentages of self-made and inherited fortunes.

[Tableau Interactive Dashboard](#)

[Github Repository](#)

## Skills

Data cleaning and wrangling  
Descriptive analysis  
Geospatial Analysis  
Linear regression  
Machine learning: Clustering  
Time series data  
Developing insights  
Visualizing in Python and Tableau  
Presenting results

## Tools

Excel  
Python  
Tableau

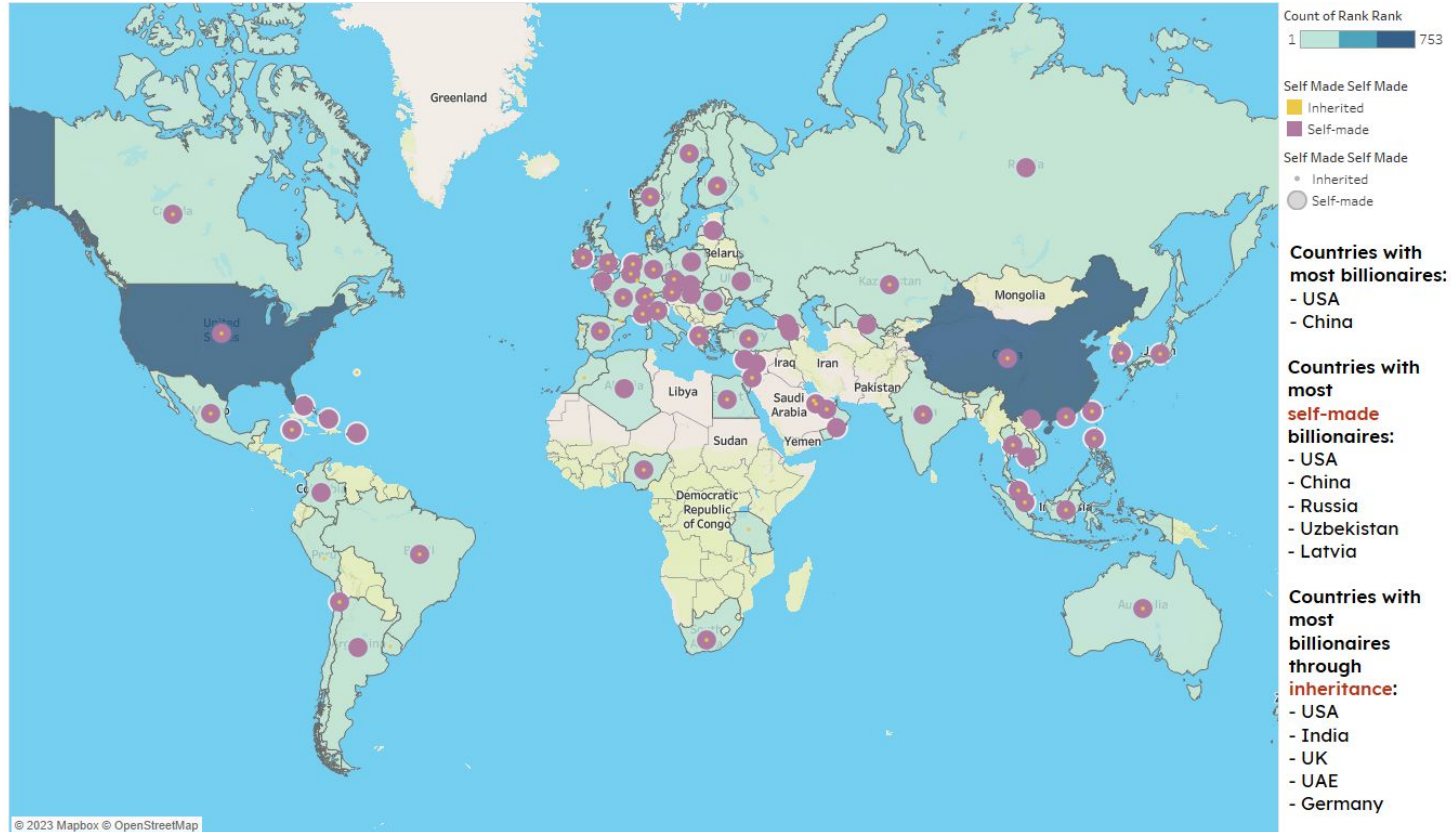
# Exploratory Analysis

2640 billionaires among  
an 8 billion world population  
Average Net Worth: 4.6B  
Average Age: 65

- The vast majority of billionaires are male, with only 13% females.
- 69% of billionaires are self-made as opposed to the 31% who inherited their fortune.
- The top 5 industries among the billionaires businesses are: Finance & Investments, Manufacturing, Technology, Fashion & Retail, and Food and Beverage.

Business Industries	
Finance & Investments	372
Manufacturing	324
Technology	314
Fashion & Retail	266
Food & Beverage	212
Healthcare	201
Real Estate	193
Diversified	187
Energy	100
Media & Entertainment	91
Metals & Mining	74
Automotive	73
Service	53
Construction & Engineering	45
Logistics	40
Sports	39
Telecom	31
Gambling & Casinos	25

# Geospatial Analysis

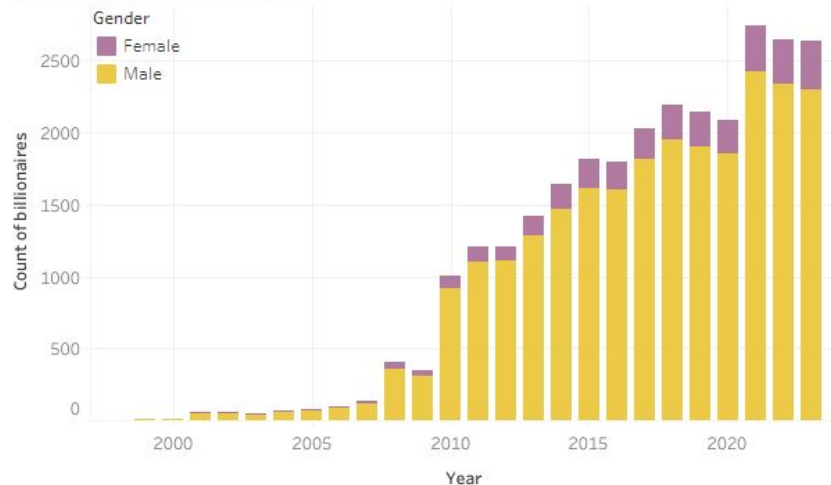


### Total billionaires per country 2023

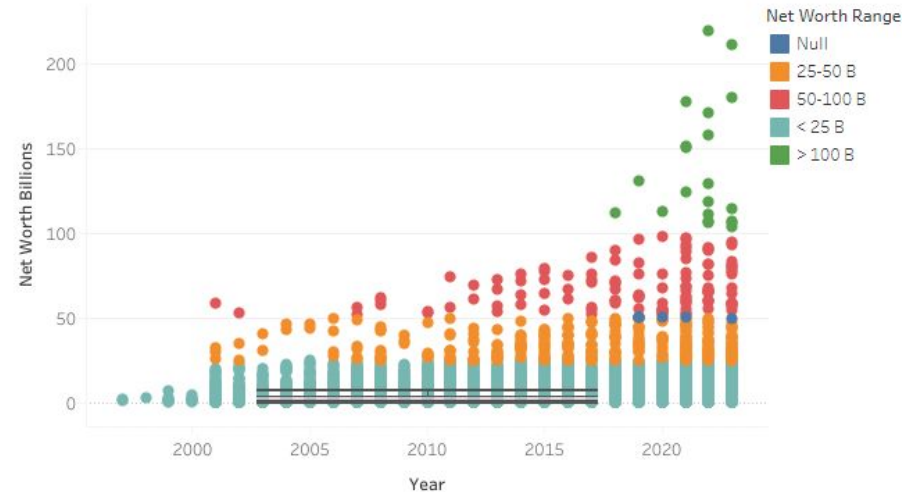
# Amount of billionaires and net worth over time 1997 - 2023

- There's a **positive trend** in increase of billionaires and net worth due to inflation and new business possibilities due to digitalization.
- The total count of billionaires has gone from 2 in 1997 to 2640 in 2023.
- There is a big jump in 2001 going from 8 in the previous year to 335 billionaires, and for the first time, with net worths over 50 B.
- 2018 is the first year to have billionaires over 100B net worth.

Total count of billionaires 1997-2023



Net Worth 1997-2023



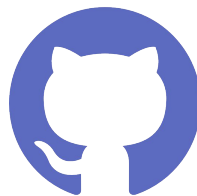
## Conclusions

- Only 13% of the billionaires are females, with none over 80B net worth, as opposed to men that go above 200B.
- 69% of billionaires are self-made as opposed to the 31% who inherited their fortune.
- The billionaire population is overall quite aged, with the lowest mean at 45 years.
- The majority of billionaires have a net worth under 20B. With a selected group over 20B and over 50B. With a maximum of 219B.
- The countries with the highest amount of billionaires are USA, with over 611 billionaires, and China, over 489. In USA 72% of the billionaires are self-made while in China 97% are self-made.
- The top 5 industries among the billionaires businesses are: Finance & Investments, Manufacturing, Technology, Fashion & Retail, and Food and Beverage.

## Recommendations

- Tracking the historical context and industry changes that have influenced the increase in billionaires over time, such as online businesses, or COVID-19, where there is a 131% increase of billionaires.
- It could be interesting to analyze the evolution and trajectory of the top 5, and see if their net worth increases or decreases.
- Another suggested analysis is to find out whether most billionaires have kept their status, and tend to grow it, and if there's many who have lost it.

# Thank you!



Do you want to talk?  
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