

Forbes Billionaires



In this analysis, we delve into the fascinating world of billionaires using the renowned Forbes billionaires list as our datasets. By examining the data, we aim to uncover key insights regarding the distribution of billionaires across different countries, industries, and sources of wealth. Our analysis encompasses several essential aspects, including the average net worth within each category, the combined total value of billionaires' fortunes, and the number of billionaires in each respective category.

To conduct this comprehensive study, we utilize various analytical techniques, including custom web scraping in Python, to gather accurate and up-to-date information. Additionally, we have created compelling visualizations that effectively convey our findings.

Our investigation begins by exploring the distribution of billionaires among different countries. We assess the leading countries in terms of the number of billionaires, highlighting noteworthy statistics such as the United States, which boasts 68 billionaires, closely followed by China with 37 billionaires.

Moving forward, we examine the industries that serve as the primary sources of wealth for these billionaires. By analyzing this aspect, we aim to identify the sectors that attract the most wealth, revealing insights into the global economic landscape. Our analysis includes an evaluation of the average net worth within each industry, providing a nuanced understanding of the wealth accumulation patterns across sectors.

Furthermore, we explore the various sources from which billionaires derive their fortunes. This examination encompasses a diverse range of wealth origins, including self-made entrepreneurs, inheritances, investments, and other avenues. By unraveling the sources of wealth, we gain insights into the strategies and pathways that lead to immense financial success.

Throughout this analysis, we emphasize the importance of visualizations to aid in comprehension and storytelling. These visual representations enhance the understanding of our findings and enable a more engaging presentation of the data.

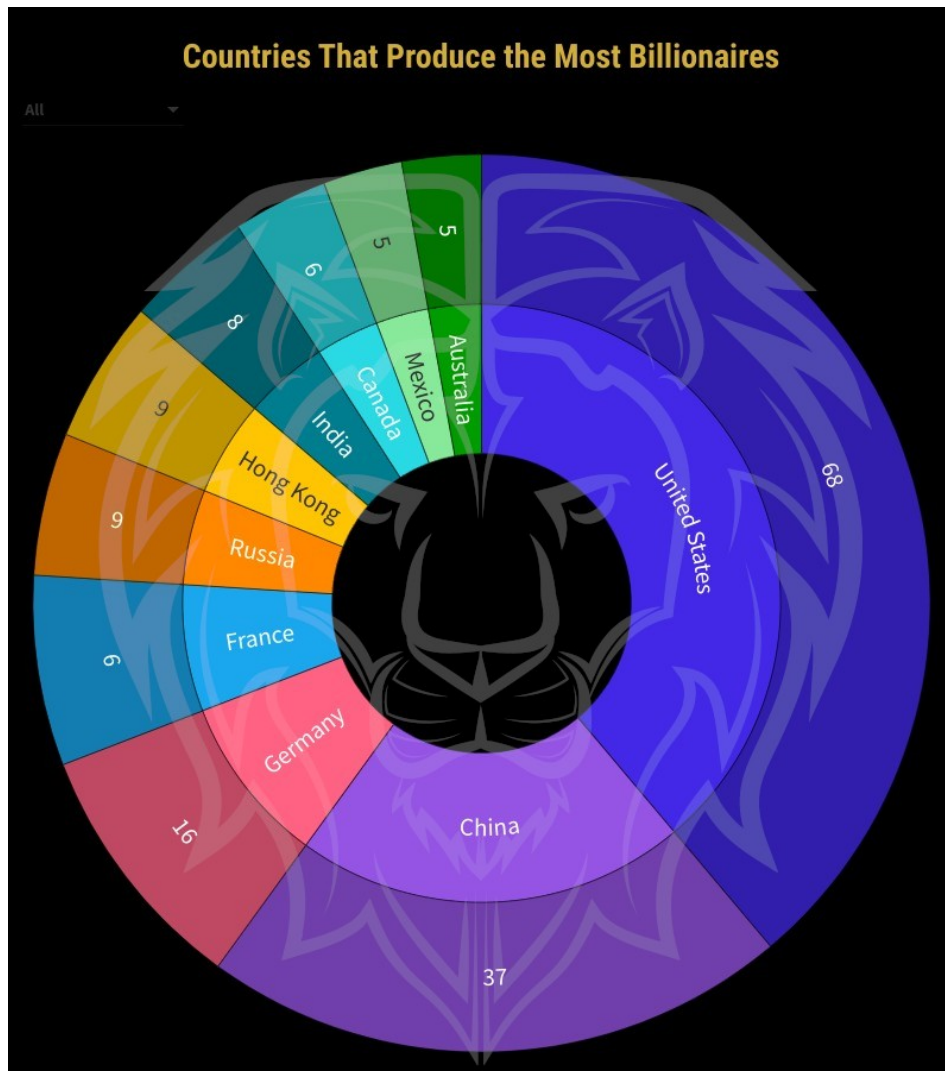
Overall, this analysis aims to shed light on the distribution of billionaires globally, uncovering patterns and trends across countries, industries, and sources of wealth. By employing a combination of data analysis techniques, custom web scraping, and captivating visualizations, we provide a comprehensive exploration of the Forbes billionaires list and offer valuable insights into the world's wealthiest individuals.

My web scraper

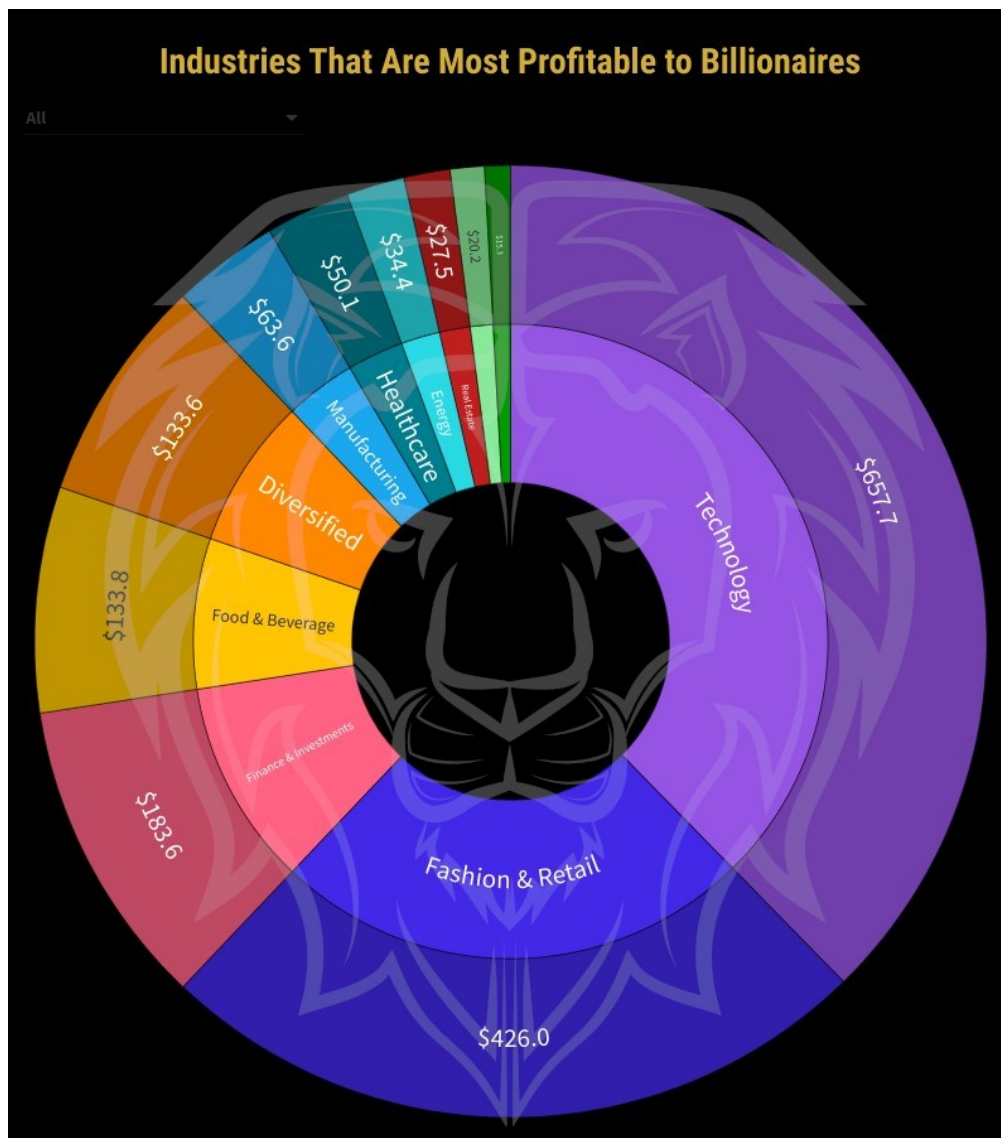
```
1 import requests
2 from bs4 import BeautifulSoup
3 import pandas as pd
4
5 url = 'https://www.forbes.com/billionaires/'
6
7 headers = {
8     'User-Agent': 'Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/56
9 response = requests.get(url, headers=headers)
10 soup = BeautifulSoup(response.content, 'html.parser')
11
12 billionaires = []
13 for person in soup.find_all('div', class_='personName'):
14     name = person.span.get_text()
15     netWorth = person.find_next_sibling().get_text().strip()
16     source = person.find_next_sibling().find_next_sibling().get_text().strip()
17     rank = person.find_previous_sibling().get_text().strip().replace('.', '')
18     age = person.find_previous_sibling().find_previous_sibling().get_text().strip()
19     country = person.find_next_sibling().find_next_sibling().find_next_sibling().get_text().strip()
20     billionaires.append(
21         {'name': name, 'net_worth': netWorth, 'source': source, 'rank': rank, 'age': age, 'country': country})
22
23 df = pd.DataFrame(billionaires)
24 df.to_csv('forbes_billionaires.csv', index=False)
```

Using a custom web scraper in Python, we collected comprehensive data on billionaires from the Forbes list, including their rank, name, net worth, age, country, source, and industry. The scraper was built with just 24 lines of code, enabling efficient data collection for our analysis.

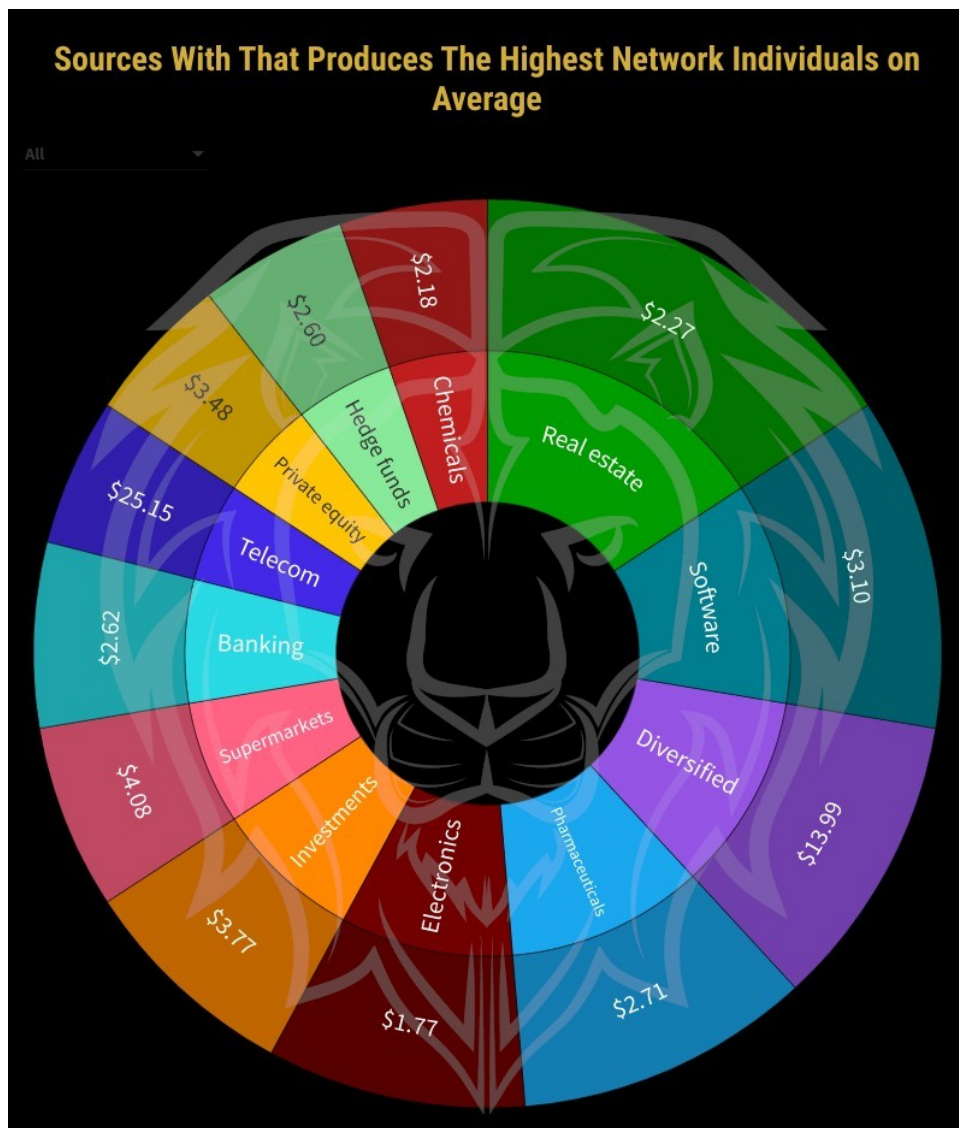
My Findings



The countries that produce the most billionaires are the US, leading the pack with 68, followed by China at 37.



The industries that have been most profitable to billionaires. Unsurprisingly, being that we are in the age of tech, information, and data. Technology leads the charge



This shows the average net worth for every source of wealth. While telecom has the highest average at \$25 billion per billionaire, this chart is size on total billionaires with Real Estate having the higher number of billionaires.