Billionaires Dataset Analysis

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▶ This Dataset contains list of all the people categorized as Billionaires of 2021 by Forbes

   in their 35th Annual World's Billionaires List.

▶ Source: https://www.kaggle.com/alexanderbader/forbes-billionaires-of-2021-20

▶ https://www.kaggle.com/v4rsh1th/bloombergbillionairesdata

Dataset

	Name	NetWorth	Country	Source	Rank	Age	Residence	Citizenship	Status	Children	Education	Self_made
0	Jeff Bezos	177.0	United States	Amazon	1	57.0	Seattle, Washington	United States	In Relationship	4.0	Bachelor of Arts/Science, Princeton University	True
1	Elon Musk	151.0	United States	Tesla, SpaceX	2	49.0	Austin, Texas	United States	In Relationship	7.0	Bachelor of Arts/Science, University of Pennsy...	True
2	Bernard Arnault & family	150.0	France	LVMH	3	72.0	Paris, France	France	Married	5.0	Bachelor of Arts/Science, Ecole Polytechnique ...	False
3	Bill Gates	124.0	United States	Microsoft	4	65.0	Medina, Washington	United States	Divorced	3.0	Drop Out, Harvard University	True
4	Mark Zuckerberg	97.0	United States	Facebook	5	36.0	Palo Alto, California	United States	Married	2.0	Drop Out, Harvard University	True
...	...	...	...	...	...	...	...	...	...	...	...	...
2750	Daniel Yong Zhang	1.0	China	e-commerce	2674	49.0	Hangzhou, China	China	NaN	NaN	NaN	True
2751	Zhang Yuqiang	1.0	China	Fiberglass	2674	65.0	Tongxiang, China	China	NaN	NaN	NaN	True
2752	Zhao Meiguang	1.0	China	gold mining	2674	58.0	Jilin, China	China	NaN	NaN	NaN	True
2753	Zhong Naixiong	1.0	China	conglomerate	2674	58.0	Foshan, China	China	NaN	NaN	NaN	True
2754	Zhou Wei family	1.0	China	Software	2674	54.0	Shanghai, China	China	Married	NaN	NaN	True

2755 rows × 12 columns

Missing Values

```
Name            0
NetWorth        0
Country         0
Source          0
Rank            0
Age           125
Residence      40
Citizenship    16
Status        665
Children     1203
Education    1346
Self_made      18
dtype: int64
```


Missing values in the dataset
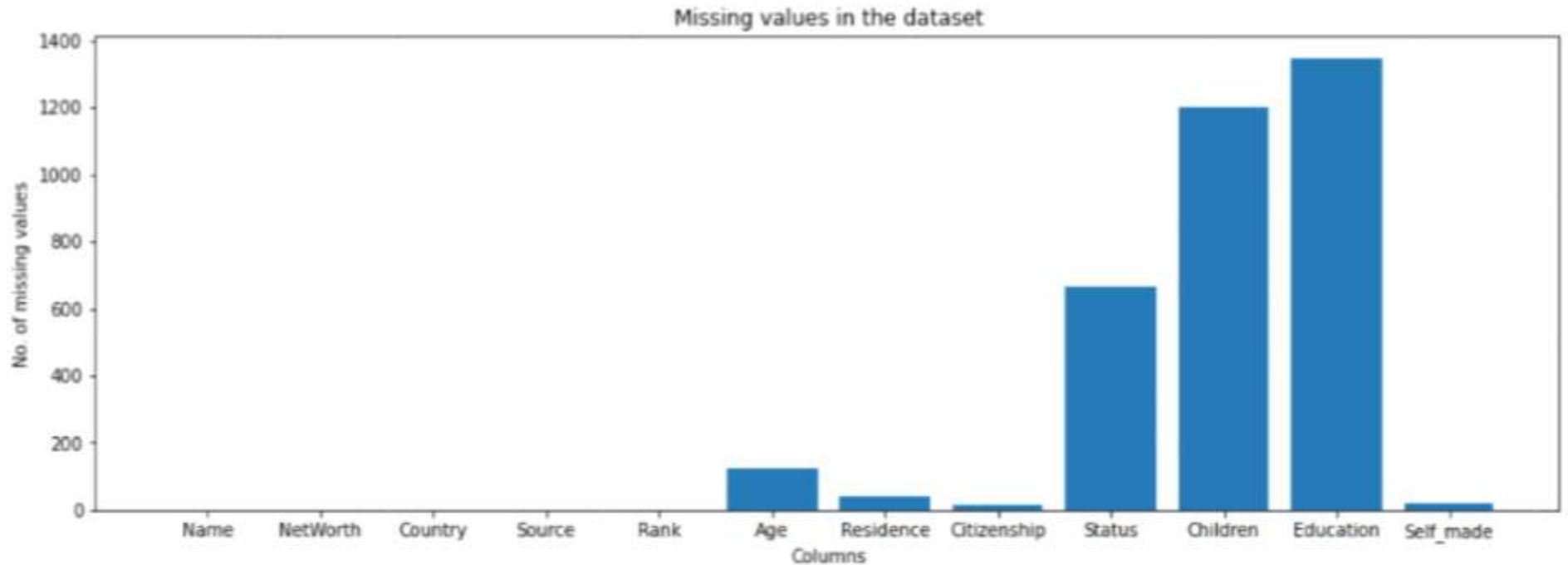
Handling Missing Values

	Name	Networth	Country	Source	Rank	Age	Industry
0	Jeff Bezos	$177 B	United States	Amazon	1	57.0	Technology
1	Elon Musk	$151 B	United States	Tesla, SpaceX	2	49.0	Automotive
2	Bernard Arnault & family	$150 B	France	LVMH	3	72.0	Fashion & Retail
3	Bill Gates	$124 B	United States	Microsoft	4	65.0	Technology
4	Mark Zuckerberg	$97 B	United States	Facebook	5	36.0	Technology
...	...	...	...	...	...	...	...
2750	Daniel Yong Zhang	$1 B	China	e-commerce	2674	49.0	Technology
2751	Zhang Yuqiang	$1 B	China	Fiberglass	2674	65.0	Manufacturing
2752	Zhao Meiguang	$1 B	China	gold mining	2674	58.0	Metals & Mining
2753	Zhong Naixiong	$1 B	China	conglomerate	2674	58.0	Diversified
2754	Zhou Wei family	$1 B	China	Software	2674	54.0	Technology

2755 rows × 7 columns

- This is another dataset from here some of the missing values were filled in the original dataset

- Another feature **Industry** was added to the original dataset.

Top 5 countries with most billionaires

1. USA
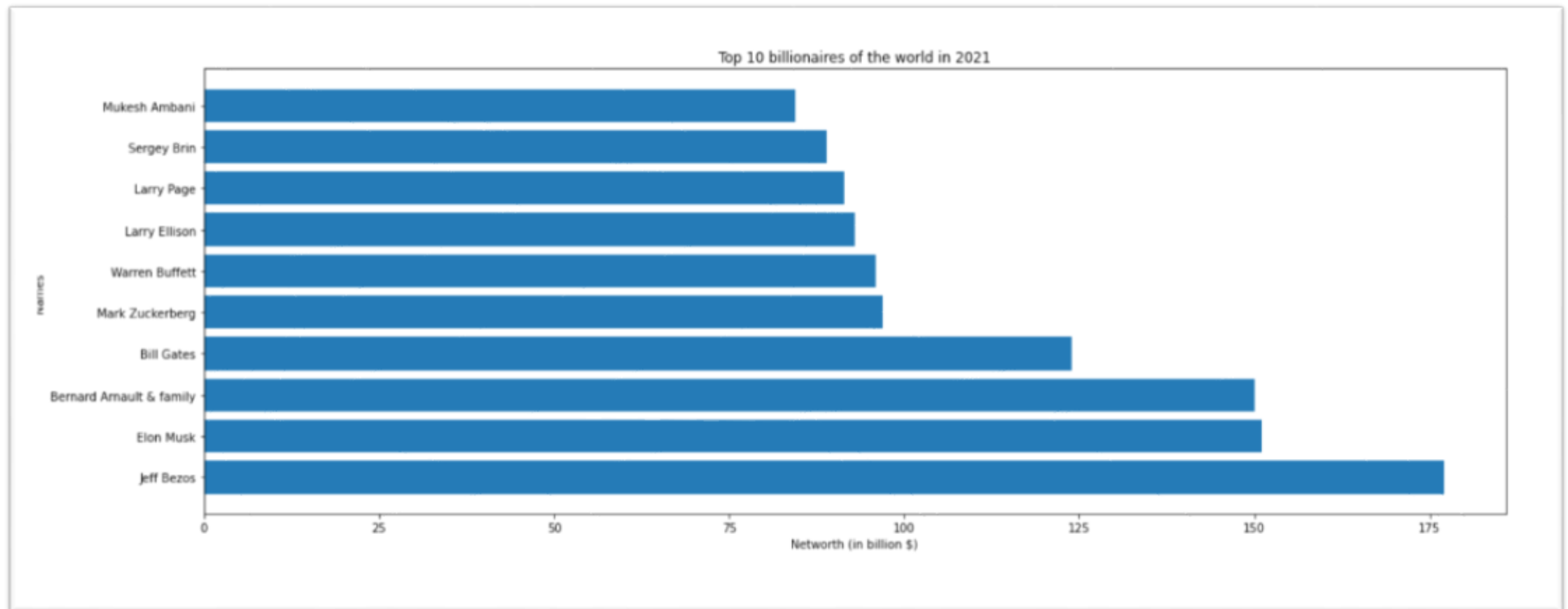2. China
3. India
4. Germany
5. Russia

Top 10 countries with most billionaires
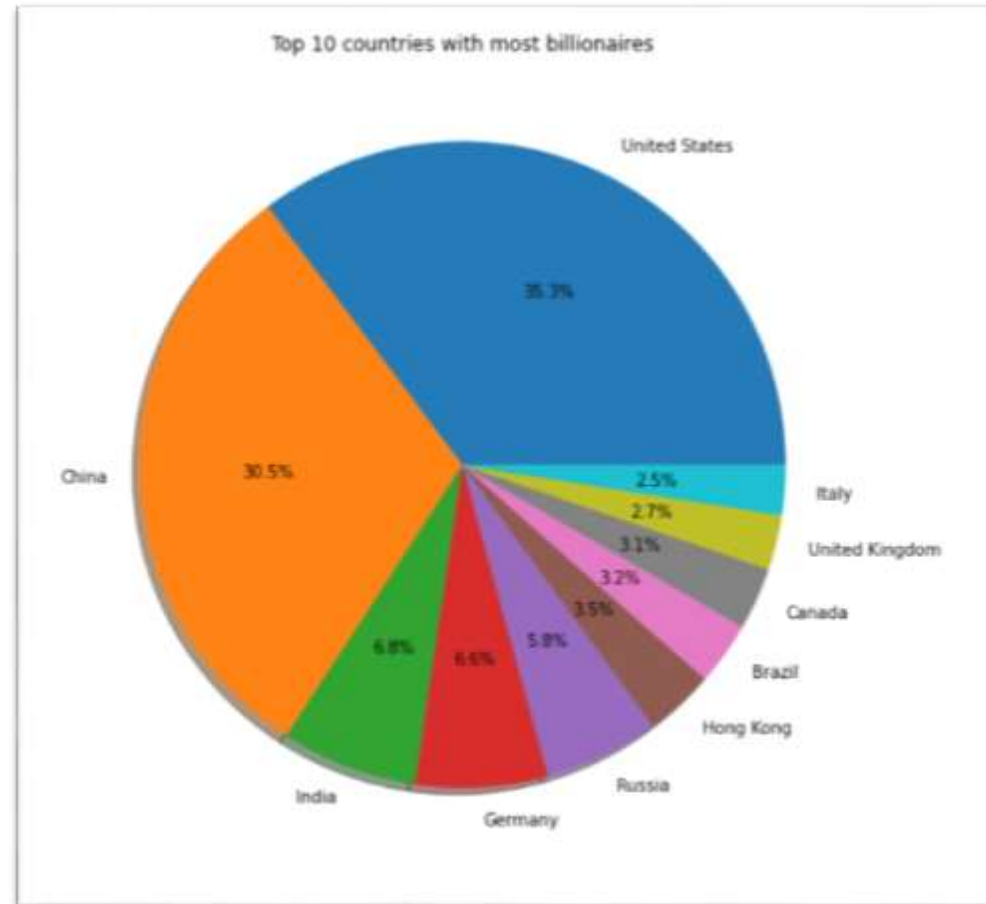
Top 5 Indian Billionaires

Rank	Name	Net Worth (in Billion USD $)
10	Mukesh Ambani	84.5
24	Gautam Adani & family	50.5
71	Shiv Nadar	23.5
117	Radhakishan Damani	16.5
121	Uday Kotak	15.9

There are 140 billionaires from India, with 1 being in top 10.

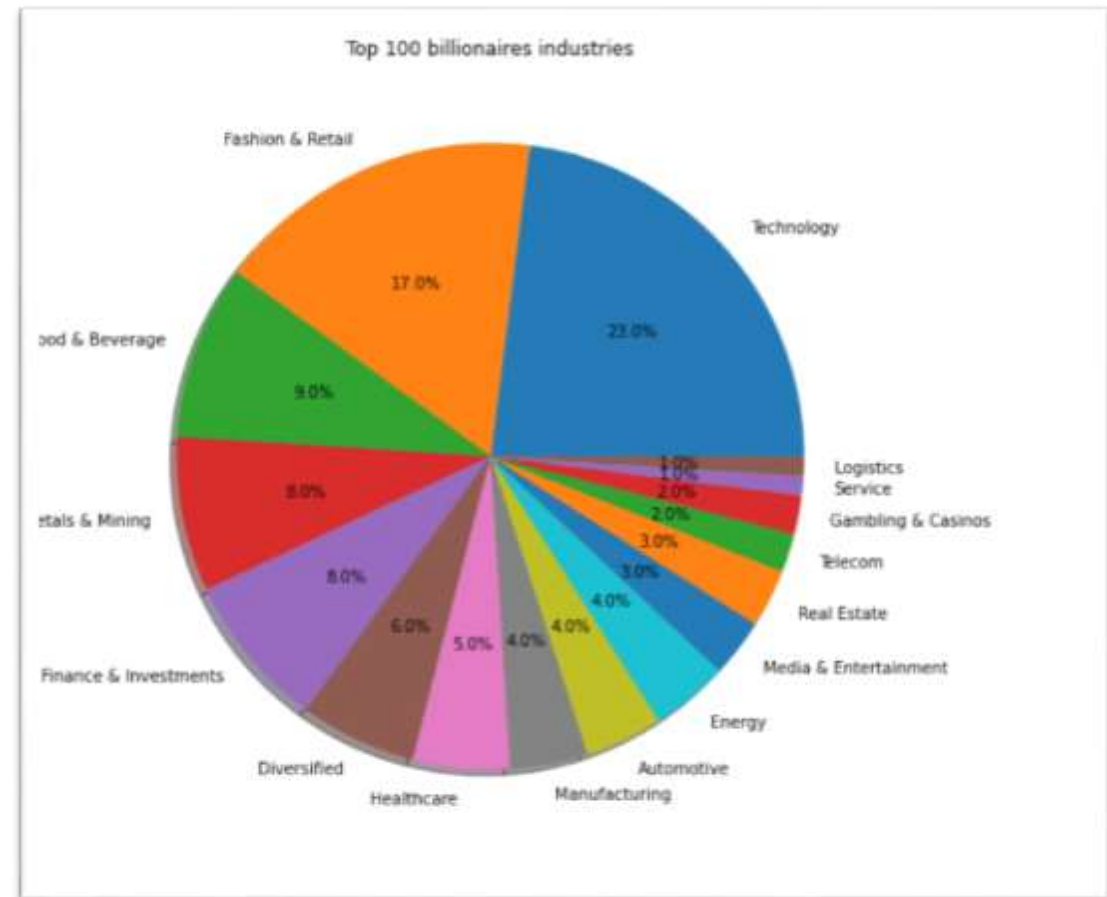# Top 10 Indian Billionaires Net worth

Top 10 billionaires of India in 2021
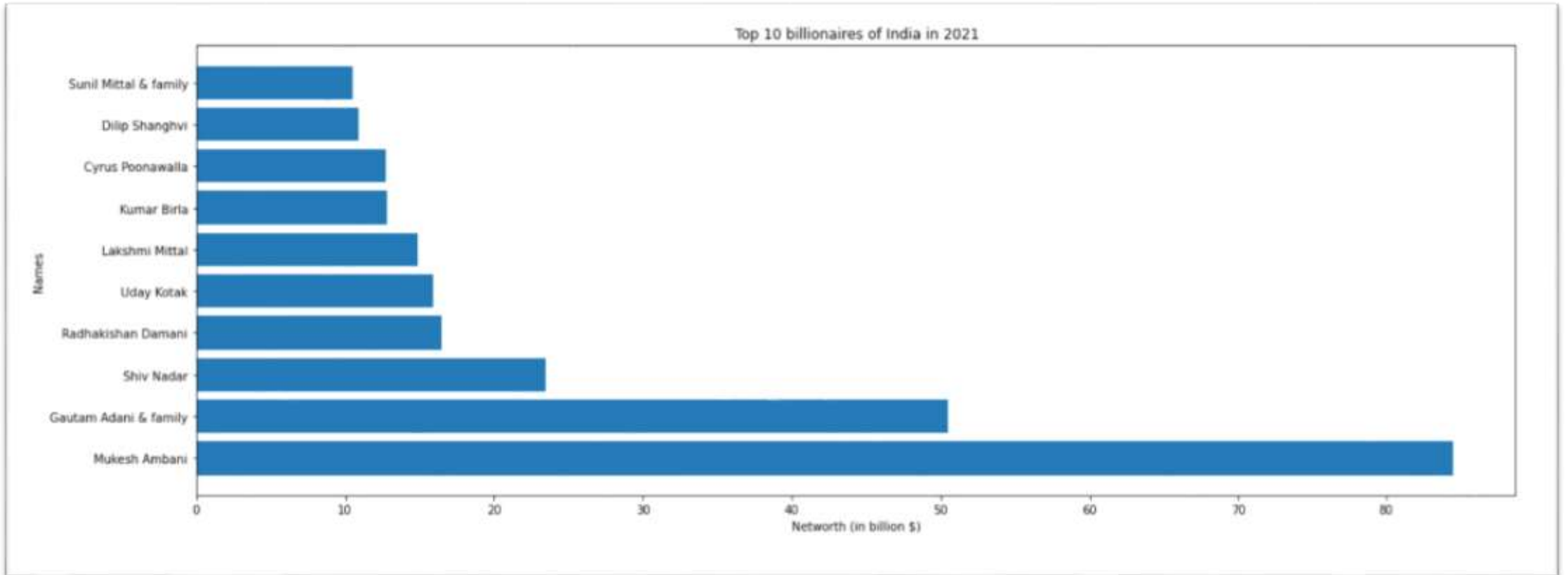
Top 10 Richest people in the world

Top 10 billionaires of the world in 2021

Industries

Industries in which world's top billionaires work
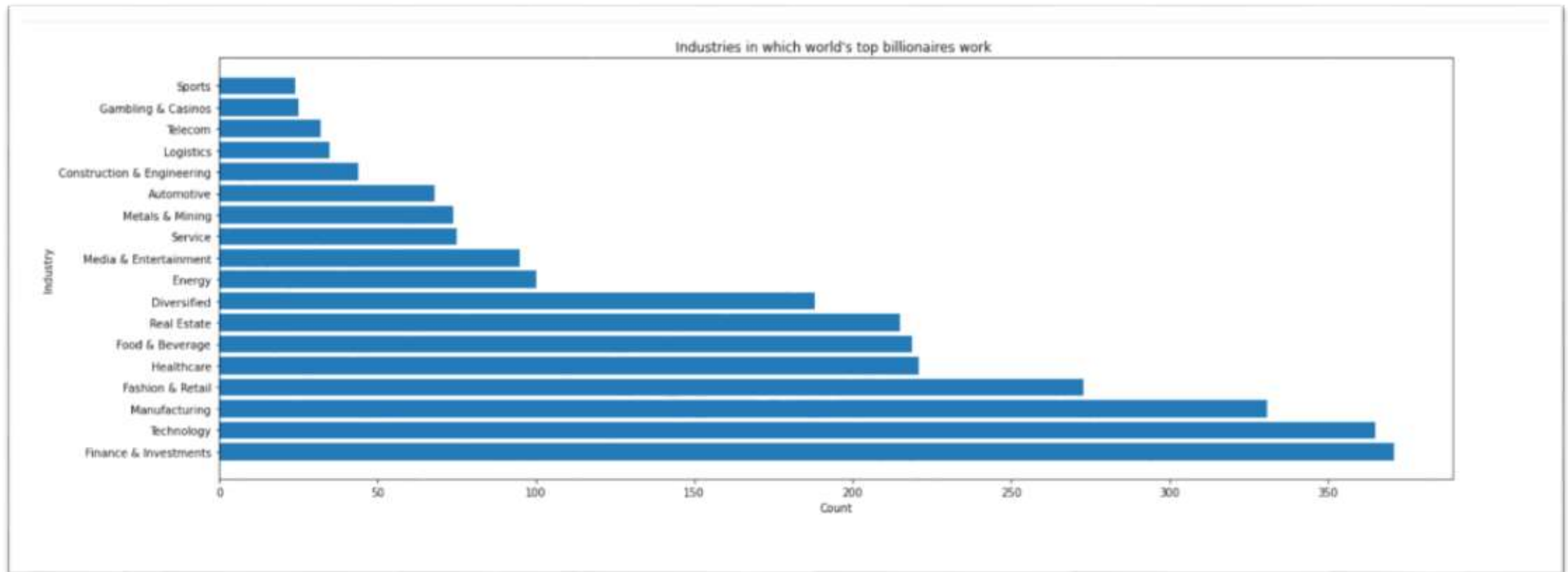
Majority of the billionaires work in these top 5 industries:

1. Finance & Investment

2. Technology

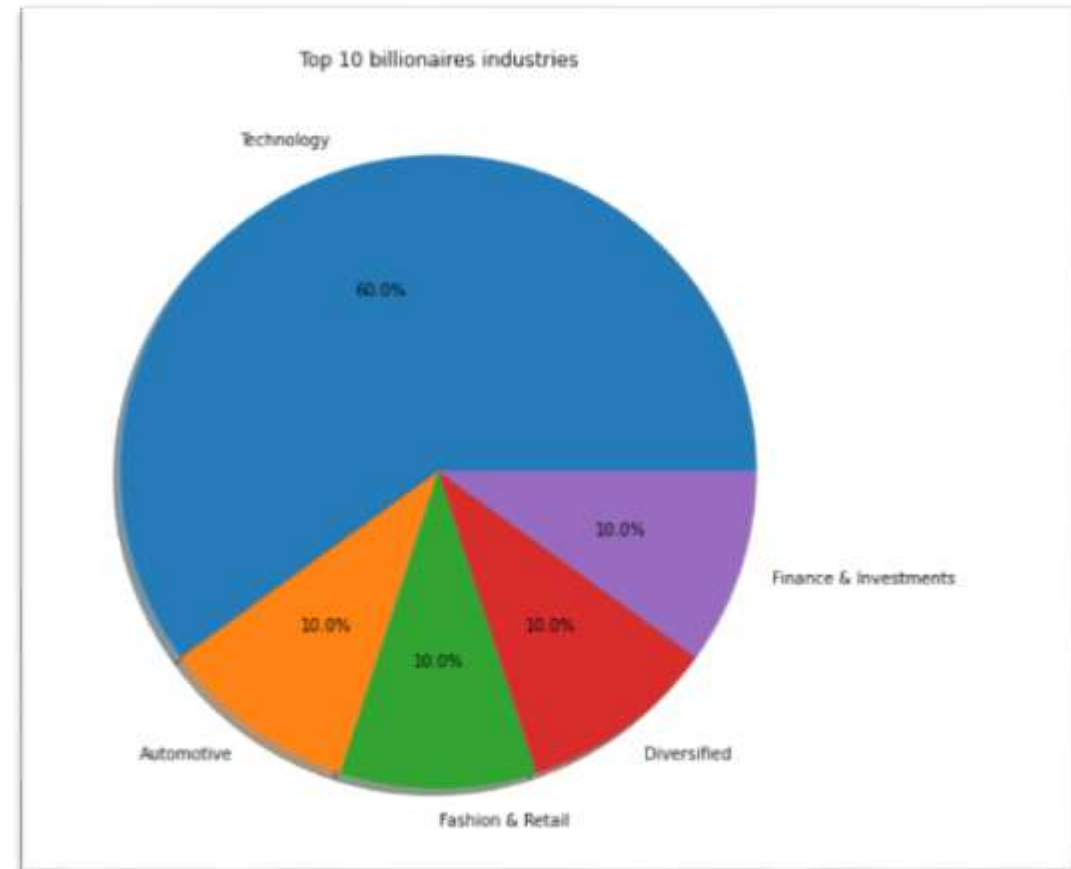3. Manufacturing

4. Fashion & Retail

5. Healthcare

Top 100 billionaires Industries

1. Technology

2. Fashion & Retail

3. Food & Beverage

4. Metals & Mining

5. Finance & Investment
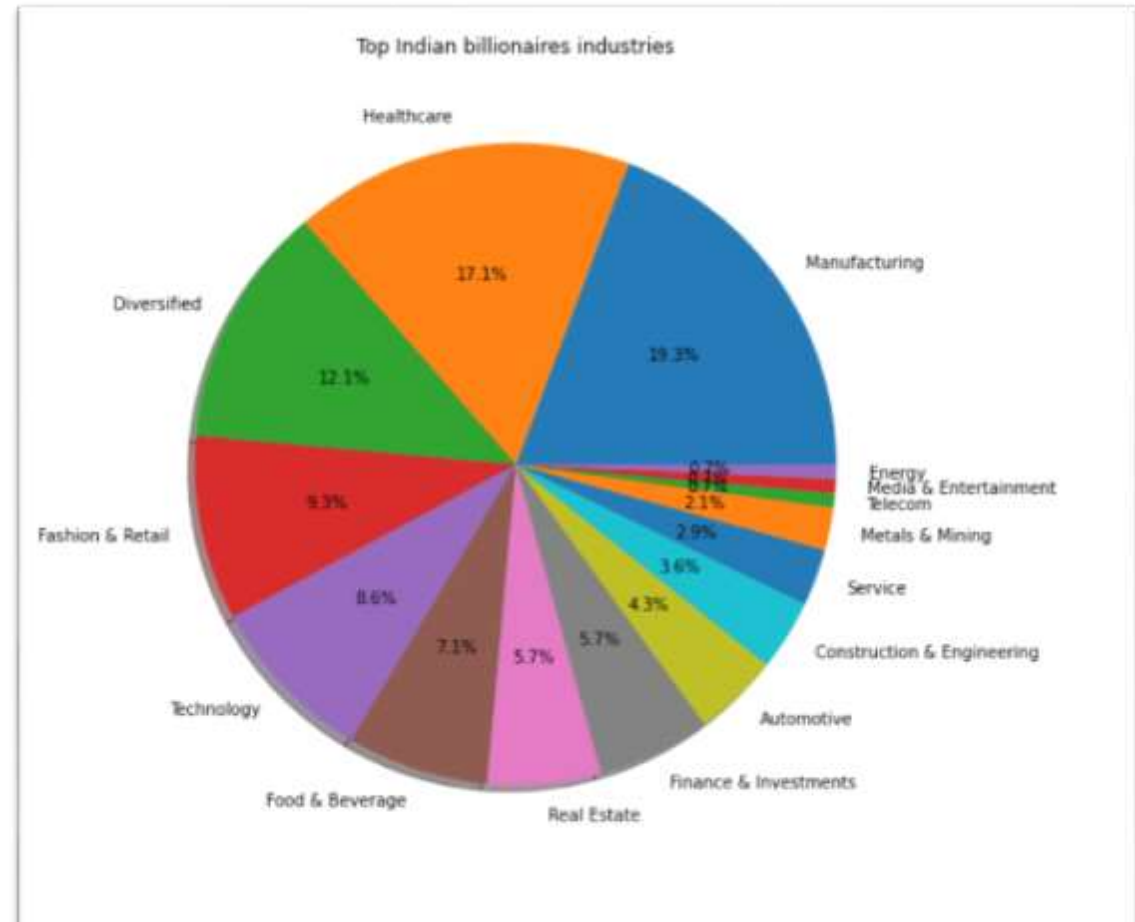

Top 100 billionaires industries

Top 10 billionaires Industries

Technology definitely seems like a promising industry.

Top Indian billionaires Industries

These are the top 5 industries pursued by Indian

billionaires:

1. Manufacturing

2. Healthcare

3. Diversified

4. Fashion & Retail

5. Technology

Top Indian billionaires industries

Age Distribution

- It is clearly visible that majority of the billionaires lie in the age range of 50 - 60 about 699.

- Mean Age = 63.11

- Median Age = 63

- Billionaires with age under 30 = 10
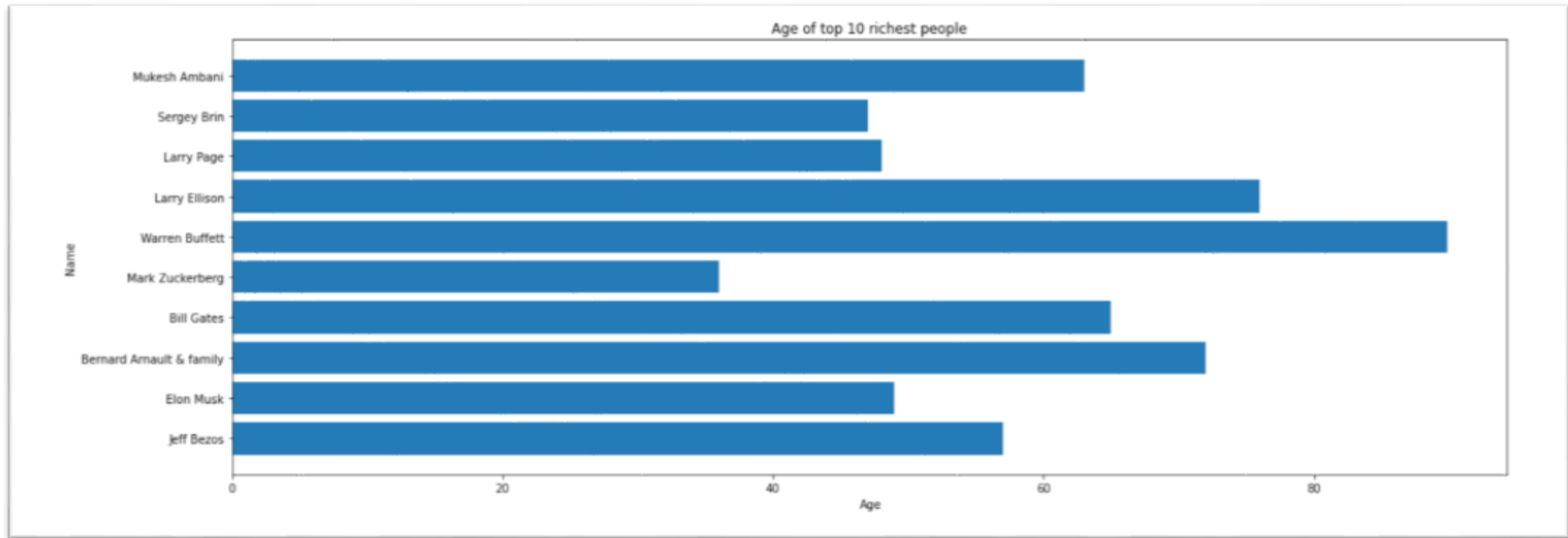
- Billionaires with age above 90 = 55

Age distribution of billionaires
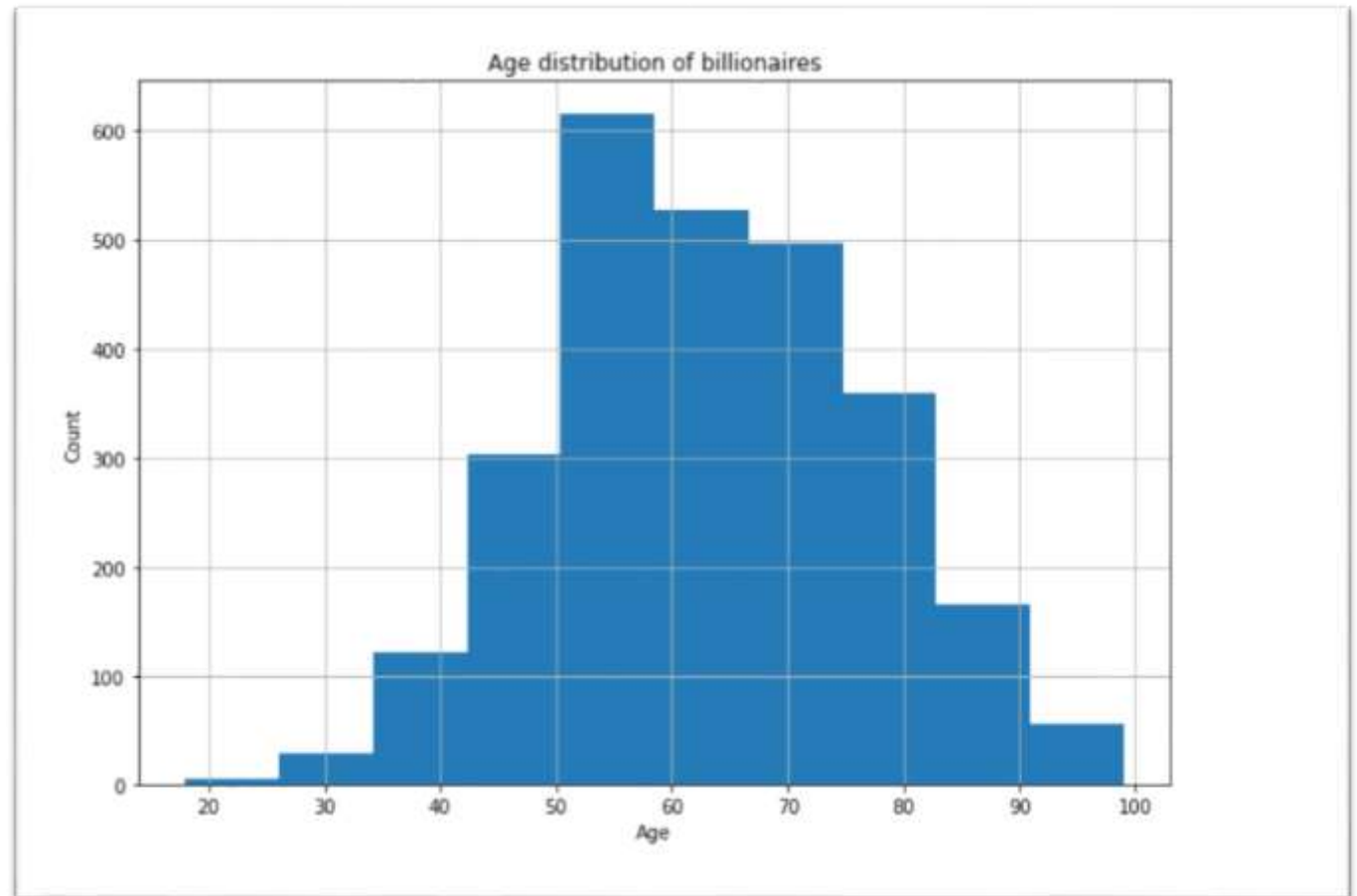
Extremes of Age

► Youngest Billionaire

Rank	Name	Age	Net Worth (in Billion $)
925	Kevin David Lehmann	18	3.3

► Oldest Billionaire

| Rank	Name	Age	Net Worth (in Billion $)
1580	George Joseph	99	2.0

Age of top 10 richest people

Age of top 10 richest people

- Mark Zukerberg is the youngest in the top 10.
- Warren Buffett is the oldest in the top 10.

- Mean Age = 60.3
- Median Age = 60

Indian Billionaires Age distribution

In India, majority of the billionaires are in the age group 65 - 70.

Age distribution of Indian billionaires
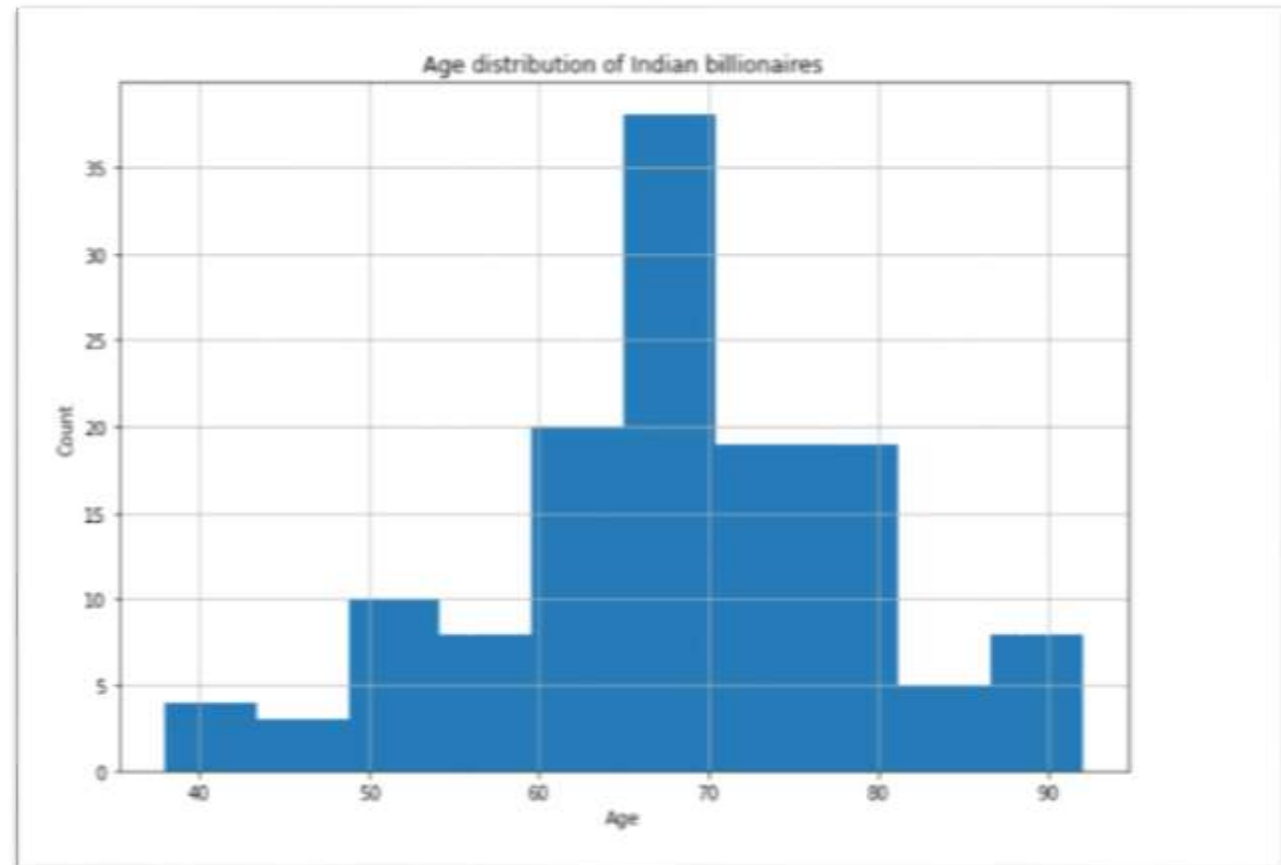
Top 5 Youngest Indian Billionaires

	Name	NetWorth	Country	Source	Rank	Age	Residence	Citizenship	Status	Children	Education	Self_made	Industry
2528	Binny Bansal	1.1	India	flipkart	2524	38.0	Singapore, Singapore	India	Married	2.0	Bachelor of Science in Engineering, Indian Ins...	True	Technology
1255	Byju Raveendran and Divya Gokulnath	2.5	India	education technology	1249	39.0	Bangalore, India	India	Married	2.0	NaN	True	Technology
2382	Sachin Bansal	1.2	India	flipkart	2378	39.0	Bangalore, India	India	Married	1.0	Bachelor of Science in Engineering, Indian Ins...	True	Fashion & Retail
1424	Vijay Shekhar Sharma	2.3	India	financial technology	1362	42.0	Delhi, India	India	Married	1.0	Bachelor of Science in Engineering, Delhi Univ...	True	Service
1447	Acharya Balkrishna	2.2	India	consumer goods	1444	48.0	Haridwar, India	India	Single	NaN	NaN	True	Food & Beverage

Top 5 Oldest Indian Billionaires

|	Name	NetWorth	Country	Source	Rank	Age	Residence	Citizenship	Status	Children	Education	Self_made	Industry
1872	Devendra Jain	1.7	India	chemicals	1833	92.0	Delhi, India	India	Married	4.0	Bachelor of Arts/Science, Delhi University	False	Manufacturing
1716	Lachhman Das Mittal	1.9	India	tractors	1664	90.0	Delhi, India	India	Married	5.0	Bachelor of Arts/Science, Punjab University; M...	False	Automotive
273	Benu Gopal Bangur	8.7	India	cement	274	89.0	Kolkata, India	India	Widowed	2.0	Bachelor of Arts/Science, Calcutta University	False	Manufacturing
2100	Prathap Reddy	1.5	India	healthcare	2035	89.0	Chennai, India	India	Married	4.0	NaN	True	Healthcare
302	Kushal Pal Singh	8.3	India	real estate	297	89.0	Delhi, India	India	Widowed	3.0	Bachelor of Arts/Science, Delhi University	False	Real Estate

Self Made Billionaires
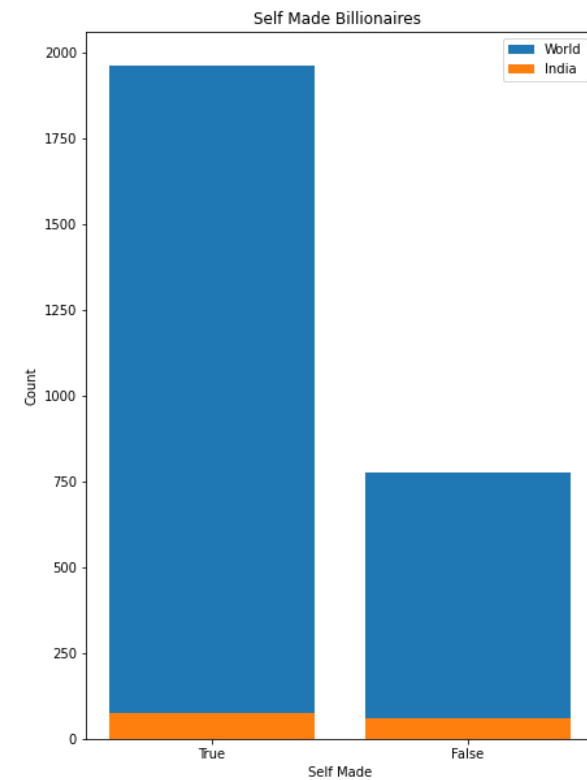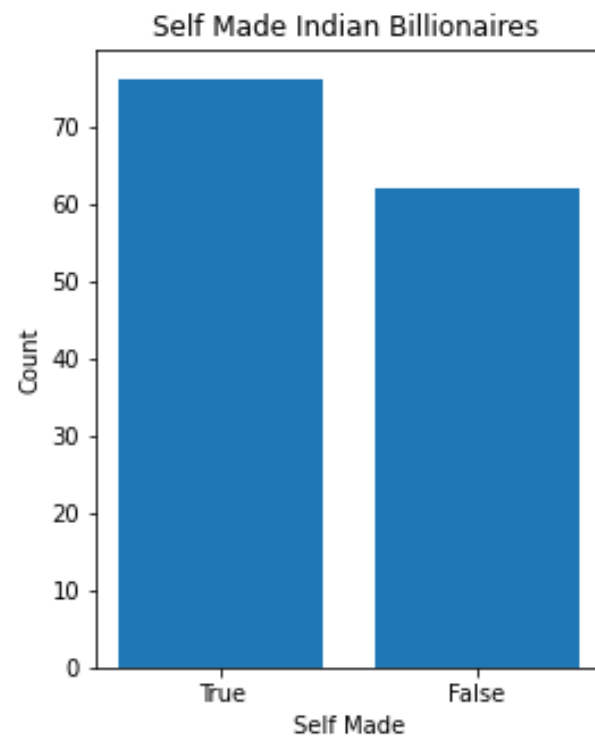
New Features from existing

- From the original dataset, the Education column has been split into 2 new columns –
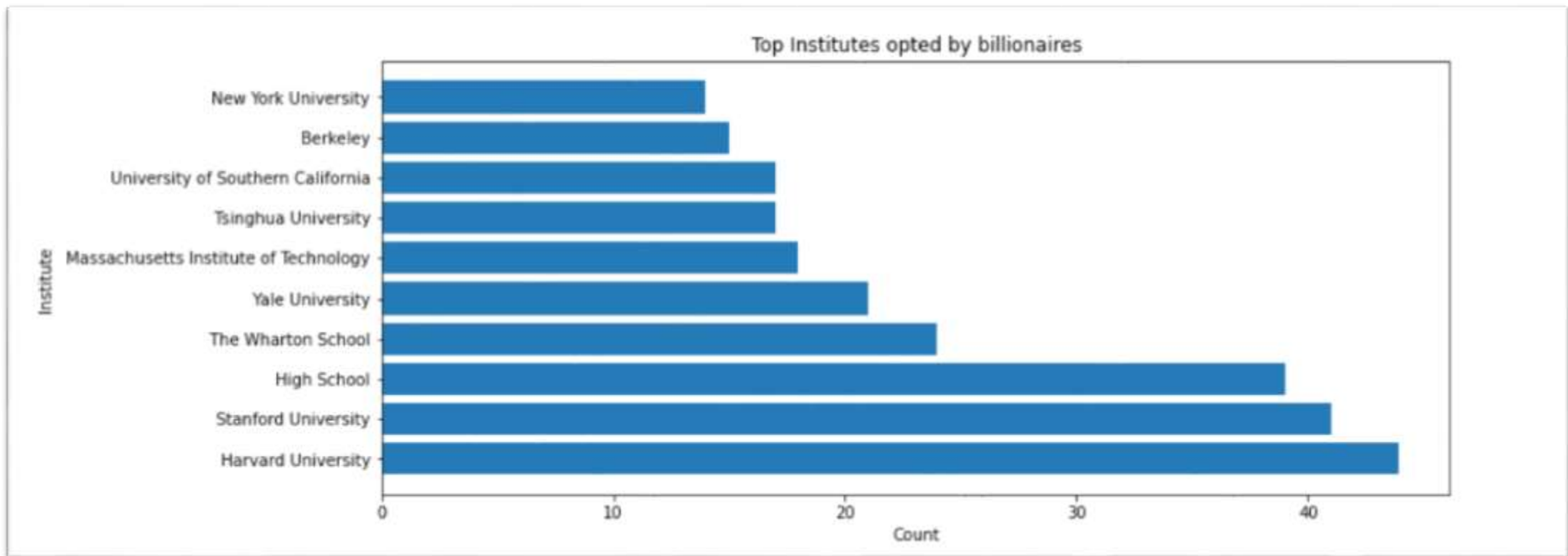
1. Course
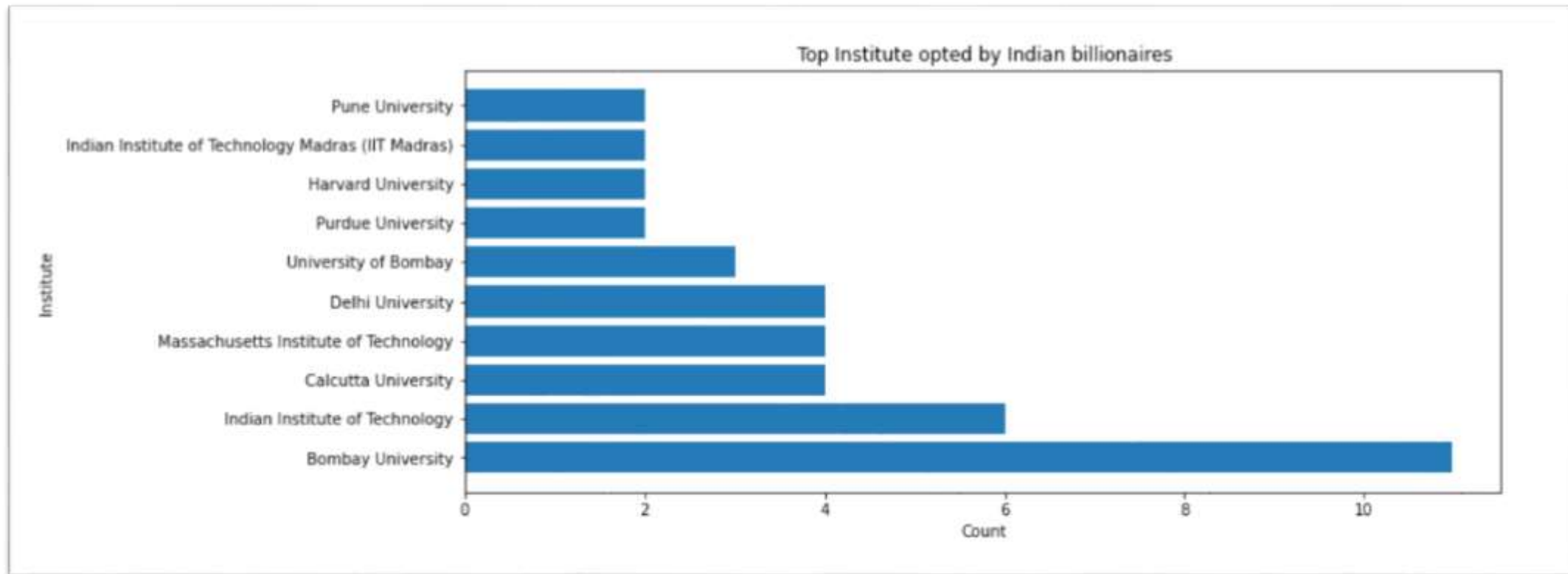2. Institute

Top courses opted by billionaires

Top courses opted by billionaires

Top courses opted by Indian billionaires
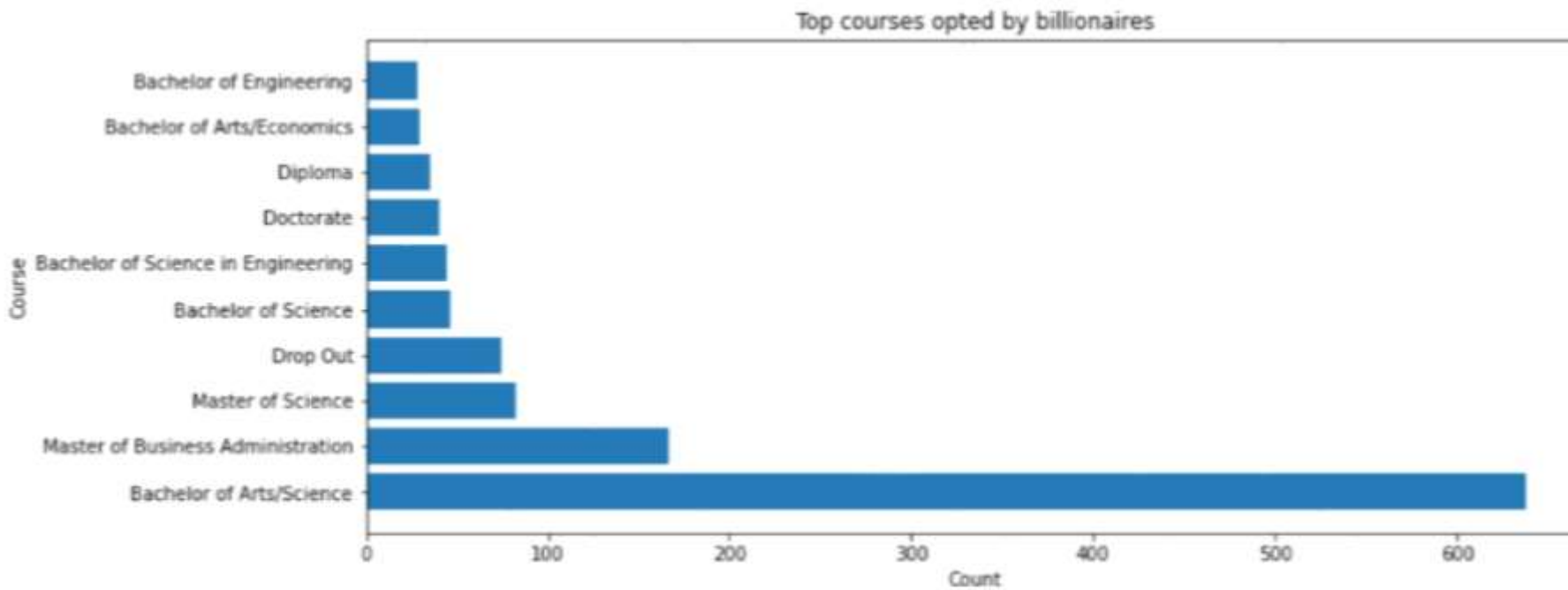
Top courses opted by Indian billionaires
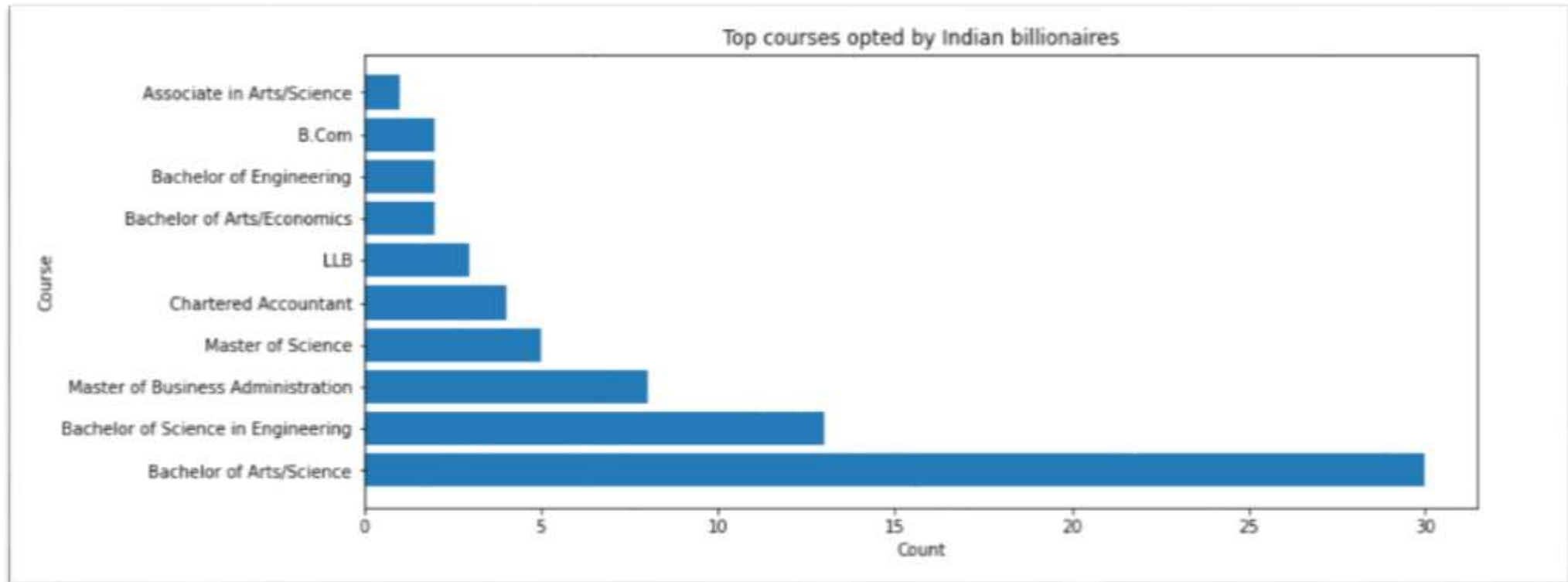
Top Institute opted by billionaires

Top Institutes opted by billionaires

Top Institute opted by Indian billionaires

Top Institute opted by Indian billionaires

THANK YOU