

richestperson

July 25, 2025

```
[1]: !pip install pandas  
      !pip install matplotlib
```

```
Defaulting to user installation because normal site-packages is not writeable  
Looking in links: /usr/share/pip-wheels  
Requirement already satisfied: pandas in /opt/conda/envs/anaconda-  
ai-2024.04-py310/lib/python3.10/site-packages (2.1.4)  
Requirement already satisfied: numpy<2,>=1.22.4 in /opt/conda/envs/anaconda-  
ai-2024.04-py310/lib/python3.10/site-packages (from pandas) (1.26.4)  
Requirement already satisfied: python-dateutil>=2.8.2 in  
/opt/conda/envs/anaconda-ai-2024.04-py310/lib/python3.10/site-packages (from  
pandas) (2.8.2)  
Requirement already satisfied: pytz>=2020.1 in /opt/conda/envs/anaconda-  
ai-2024.04-py310/lib/python3.10/site-packages (from pandas) (2023.3.post1)  
Requirement already satisfied: tzdata>=2022.1 in /opt/conda/envs/anaconda-  
ai-2024.04-py310/lib/python3.10/site-packages (from pandas) (2023.3)  
Requirement already satisfied: six>=1.5 in /opt/conda/envs/anaconda-  
ai-2024.04-py310/lib/python3.10/site-packages (from python-  
dateutil>=2.8.2->pandas) (1.16.0)  
Defaulting to user installation because normal site-packages is not writeable  
Looking in links: /usr/share/pip-wheels  
ERROR: Could not find a version that satisfies the requirement matplotlib  
(from versions: none)  
  
ERROR: No matching distribution found for matplotlib
```

```
[2]: !pip install pandas  
      !pip install matplotlib
```

```
Defaulting to user installation because normal site-packages is not writeable  
Looking in links: /usr/share/pip-wheels  
Requirement already satisfied: pandas in /opt/conda/envs/anaconda-  
ai-2024.04-py310/lib/python3.10/site-packages (2.1.4)  
Requirement already satisfied: numpy<2,>=1.22.4 in /opt/conda/envs/anaconda-  
ai-2024.04-py310/lib/python3.10/site-packages (from pandas) (1.26.4)  
Requirement already satisfied: python-dateutil>=2.8.2 in  
/opt/conda/envs/anaconda-ai-2024.04-py310/lib/python3.10/site-packages (from
```

pandas) (2.8.2)
Requirement already satisfied: pytz>=2020.1 in /opt/conda/envs/anaconda-ai-2024.04-py310/lib/python3.10/site-packages (from pandas) (2023.3.post1)
Requirement already satisfied: tzdata>=2022.1 in /opt/conda/envs/anaconda-ai-2024.04-py310/lib/python3.10/site-packages (from pandas) (2023.3)
Requirement already satisfied: six>=1.5 in /opt/conda/envs/anaconda-ai-2024.04-py310/lib/python3.10/site-packages (from python-dateutil>=2.8.2->pandas) (1.16.0)
Defaulting to user installation because normal site-packages is not writeable
Looking in links: /usr/share/pip-wheels
Requirement already satisfied: matplotlib in /opt/conda/envs/anaconda-ai-2024.04-py310/lib/python3.10/site-packages (3.8.0)
Requirement already satisfied: contourpy>=1.0.1 in /opt/conda/envs/anaconda-ai-2024.04-py310/lib/python3.10/site-packages (from matplotlib) (1.2.0)
Requirement already satisfied: cyclor>=0.10 in /opt/conda/envs/anaconda-ai-2024.04-py310/lib/python3.10/site-packages (from matplotlib) (0.11.0)
Requirement already satisfied: fonttools>=4.22.0 in /opt/conda/envs/anaconda-ai-2024.04-py310/lib/python3.10/site-packages (from matplotlib) (4.25.0)
Requirement already satisfied: kiwisolver>=1.0.1 in /opt/conda/envs/anaconda-ai-2024.04-py310/lib/python3.10/site-packages (from matplotlib) (1.4.4)
Requirement already satisfied: numpy<2,>=1.21 in /opt/conda/envs/anaconda-ai-2024.04-py310/lib/python3.10/site-packages (from matplotlib) (1.26.4)
Requirement already satisfied: packaging>=20.0 in /opt/conda/envs/anaconda-ai-2024.04-py310/lib/python3.10/site-packages (from matplotlib) (23.2)
Requirement already satisfied: pillow>=6.2.0 in /opt/conda/envs/anaconda-ai-2024.04-py310/lib/python3.10/site-packages (from matplotlib) (10.2.0)
Requirement already satisfied: pyparsing>=2.3.1 in /opt/conda/envs/anaconda-ai-2024.04-py310/lib/python3.10/site-packages (from matplotlib) (3.0.9)
Requirement already satisfied: python-dateutil>=2.7 in /opt/conda/envs/anaconda-ai-2024.04-py310/lib/python3.10/site-packages (from matplotlib) (2.8.2)
Requirement already satisfied: six>=1.5 in /opt/conda/envs/anaconda-ai-2024.04-py310/lib/python3.10/site-packages (from python-dateutil>=2.7->matplotlib) (1.16.0)

```
[4]: import pandas as pd
      madan=pd.read_csv("TopRichestInWorld.csv")
      print(madan)
      display(madan)
```

	Name	NetWorth	Age	Country/Territory \
0	Elon Musk	\$219,000,000,000	50	United States
1	Jeff Bezos	\$171,000,000,000	58	United States
2	Bernard Arnault & family	\$158,000,000,000	73	France
3	Bill Gates	\$129,000,000,000	66	United States
4	Warren Buffett	\$118,000,000,000	91	United States
..
96	Vladimir Potanin	\$17,300,000,000	61	Russia
97	Harold Hamm & family	\$17,200,000,000	76	United States

98	Sun Piaoyang	\$17,100,000,000	63	China
99	Luo Liguu & family	\$17,000,000,000	66	China
100	Peter Woo	\$17,000,000,000	75	Hong Kong

	Source	Industry
0	Tesla, SpaceX	Automotive
1	Amazon	Technology
2	LVMH	Fashion & Retail
3	Microsoft	Technology
4	Berkshire Hathaway	Finance & Investments
..
96	metals	Metals & Mining
97	oil & gas	Energy
98	pharmaceuticals	Healthcare
99	chemicals	Manufacturing
100	real estate	Real Estate

[101 rows x 6 columns]

	Name	NetWorth	Age	Country/Territory \
0	Elon Musk	\$219,000,000,000	50	United States
1	Jeff Bezos	\$171,000,000,000	58	United States
2	Bernard Arnault & family	\$158,000,000,000	73	France
3	Bill Gates	\$129,000,000,000	66	United States
4	Warren Buffett	\$118,000,000,000	91	United States
..
96	Vladimir Potanin	\$17,300,000,000	61	Russia
97	Harold Hamm & family	\$17,200,000,000	76	United States
98	Sun Piaoyang	\$17,100,000,000	63	China
99	Luo Liguu & family	\$17,000,000,000	66	China
100	Peter Woo	\$17,000,000,000	75	Hong Kong

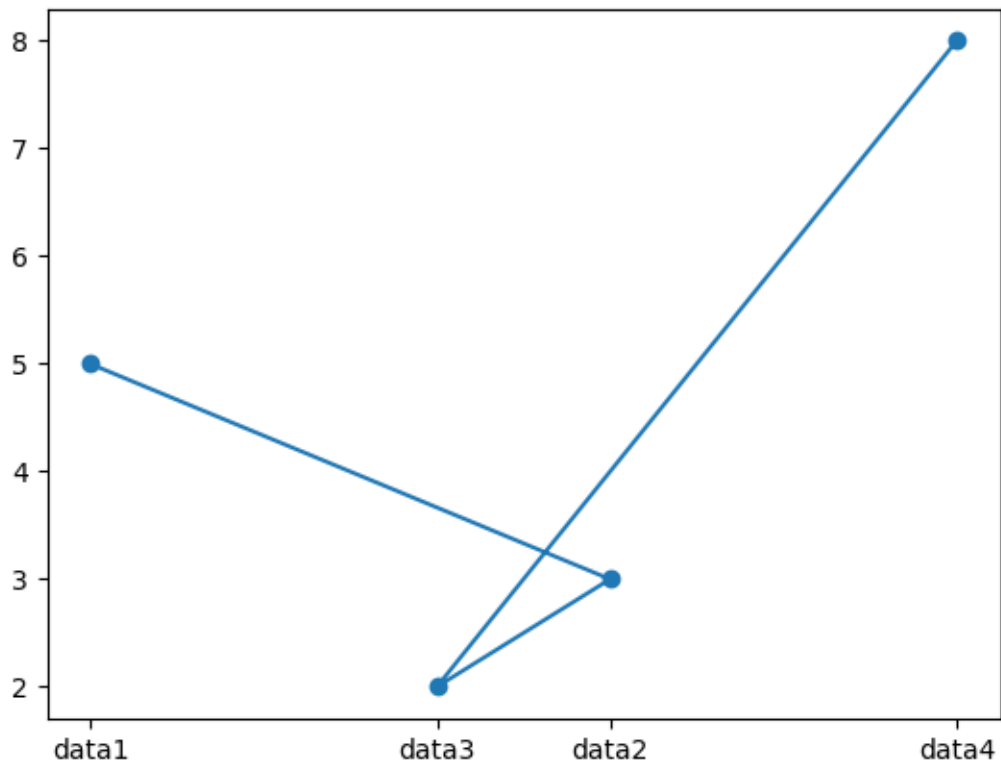
	Source	Industry
0	Tesla, SpaceX	Automotive
1	Amazon	Technology
2	LVMH	Fashion & Retail
3	Microsoft	Technology
4	Berkshire Hathaway	Finance & Investments
..
96	metals	Metals & Mining
97	oil & gas	Energy
98	pharmaceuticals	Healthcare
99	chemicals	Manufacturing
100	real estate	Real Estate

[101 rows x 6 columns]

```
[5]: import matplotlib.pyplot as plt
```

Matplotlib is building the font cache; this may take a moment.

```
[10]: b1=[2,5,4,7]
      b2=[5,3,2,8]
      label=['data1','data2','data3','data4']
      plt.plot(b1,b2,marker='o')
      plt.xticks(b1,label)
      plt.show()
```



```
[ ]:
```