

Forbes Case Study

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Top Ranked Data Science & Analytics Education Provider since 2007

Case Study

- The dataset has been taken from Kaggle
- It consists of only one dataset
- The Name of The Dataset is Forbes_CaseStudy_Dataset
- It has 1000+ records or rows
- It has 10 columns or attributes

Case Study Agenda

- Analysing the companies based on their Market-Value, Sales and Profits over the year
- Sorting the data by sector wise profitable companies
- Publish the Findings based upon the data analysis

Top 10 companies based on their market value, including their company name, sector, industry

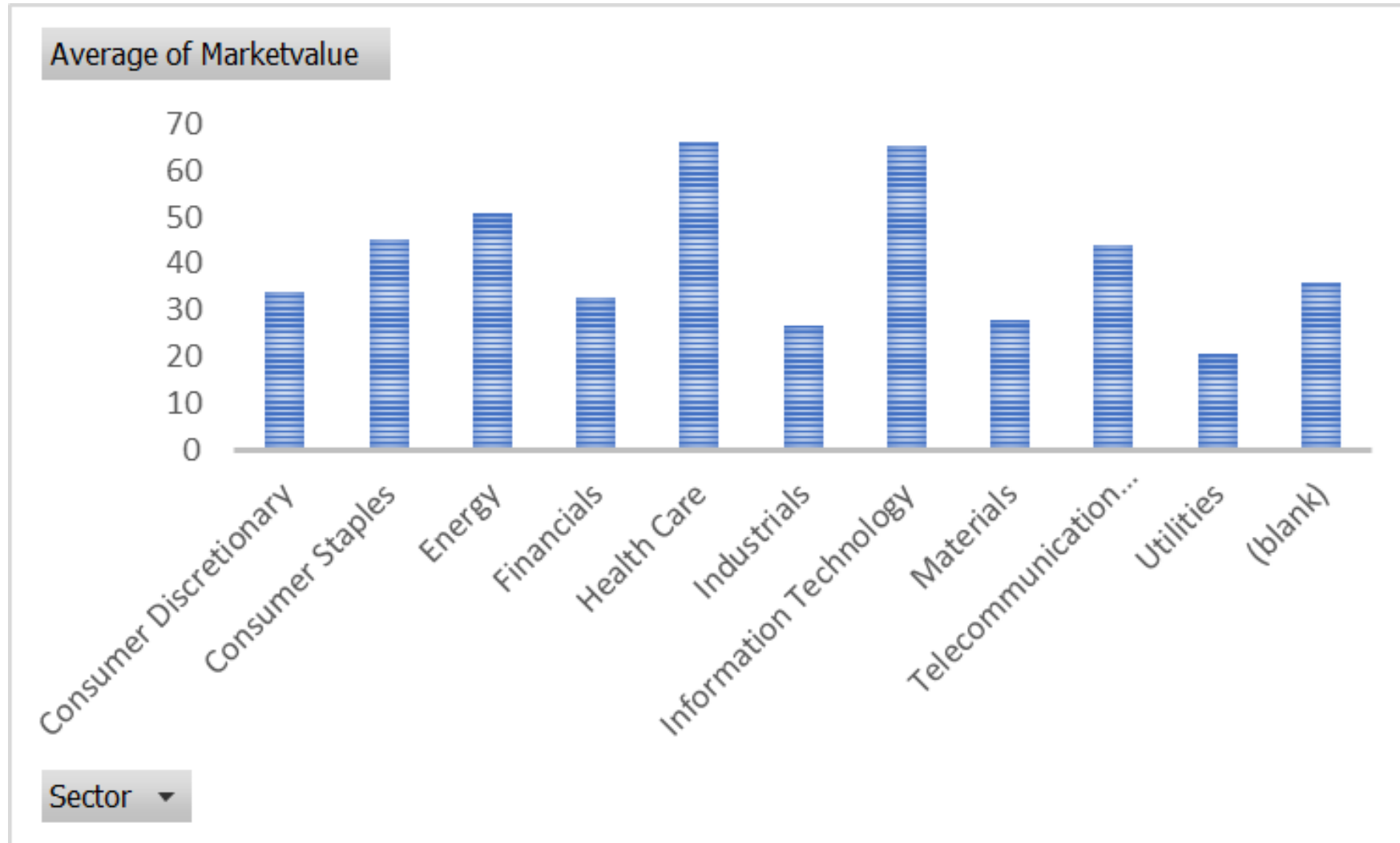
Company	Sector	Industry	Marketvalue
Berkshire Hathaway	Financials	Investment Services	309.1
Exxon Mobil	Energy	Oil & Gas Operations	422.3
General Electric	Industrials	Conglomerates	259.6
Wells Fargo	Financials	Major Banks	261.4
Apple	Information Technology	Computer Hardware	483.1
Wal-Mart Stores	Consumer Discretionary	Discount Stores	247.9
Microsoft	Information Technology	Software & Programming	343.8
Johnson & Johnson	Health Care	Medical Equipment & Supplies	277
Google	Information Technology	Computer Services	382.5
Roche Holding	Health Care	Pharmaceuticals	253.7

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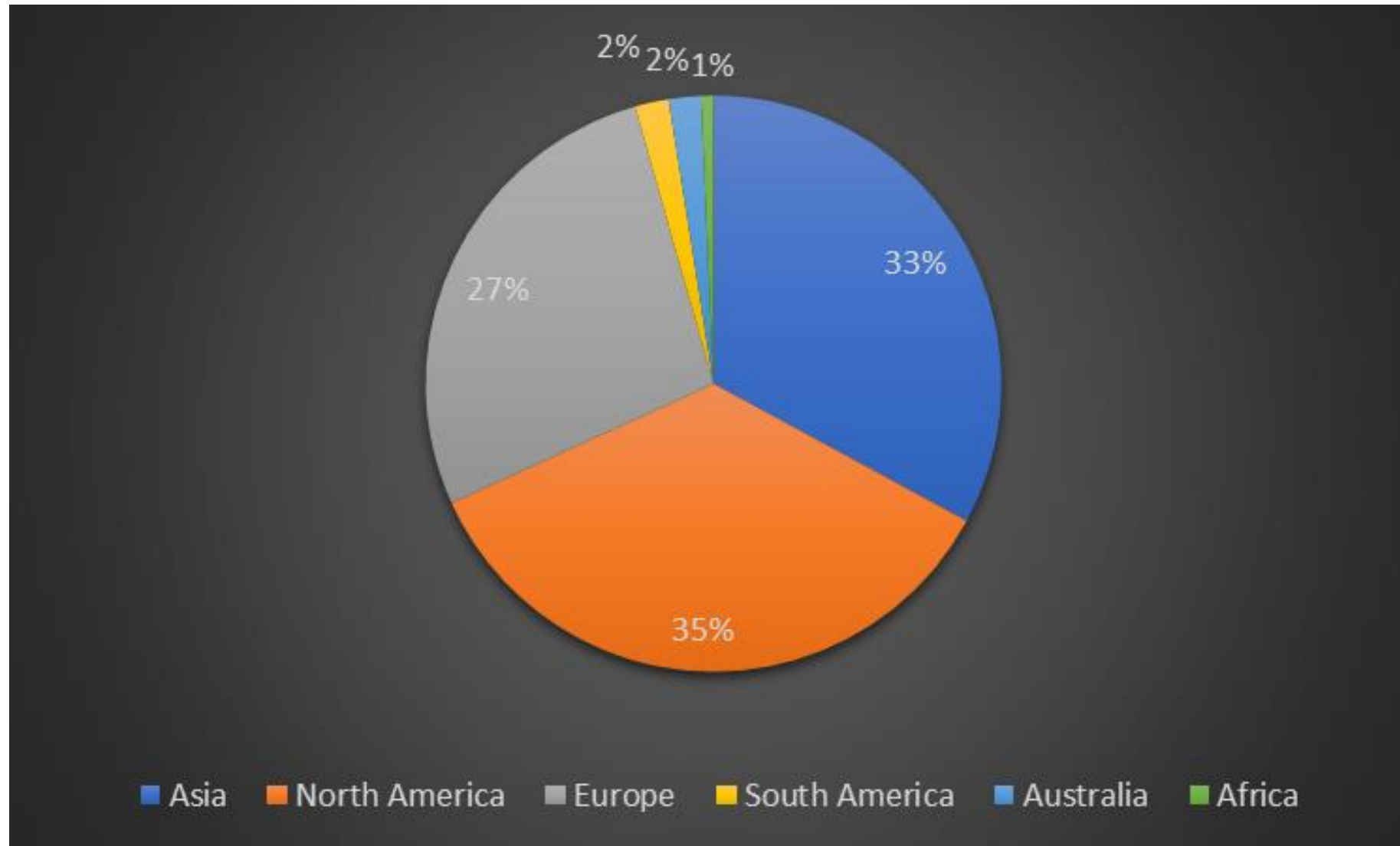
Rank-Wise Top 10 Companies

Rank_wise	Company	Sector	Industry	Marketvalue
1	Apple	Information Technology	Computer Hardware	483
2	Exxon Mobil	Energy	Oil & Gas Operations	422
3	Google	Information Technology	Computer Services	383
4	Microsoft	Information Technology	Software & Programming	344
5	Berkshire Hathaway	Financials	Investment Services	309
6	Johnson & Johnson	Health Care	Medical Equipment & Supplies	277
7	Wells Fargo	Financials	Major Banks	261
8	General Electric	Industrials	Conglomerates	260
9	Roche Holding	Health Care	Pharmaceuticals	254
10	Wal-Mart Stores	Consumer Discretionary	Discount Stores	248

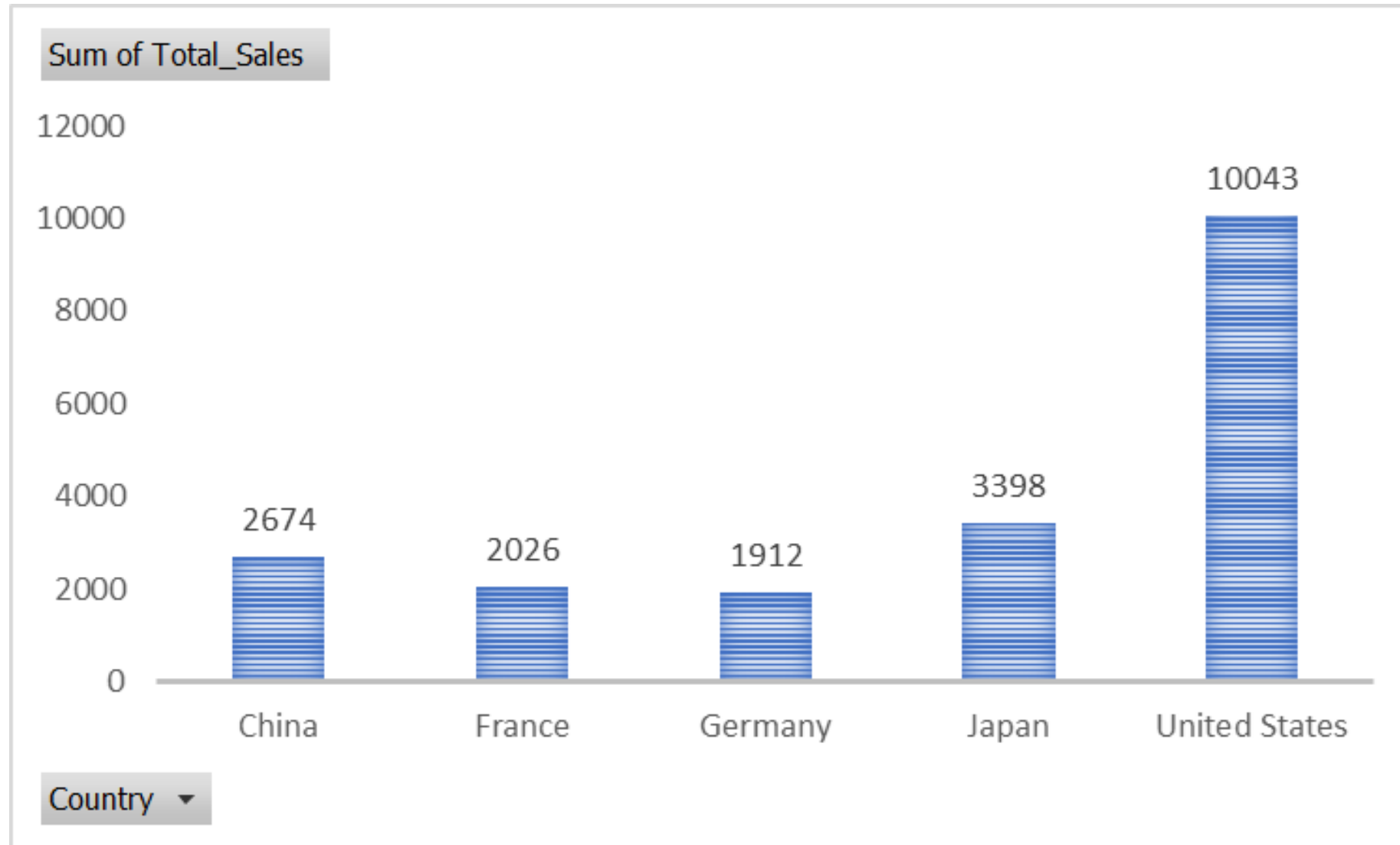
Average Market-value Sector wise



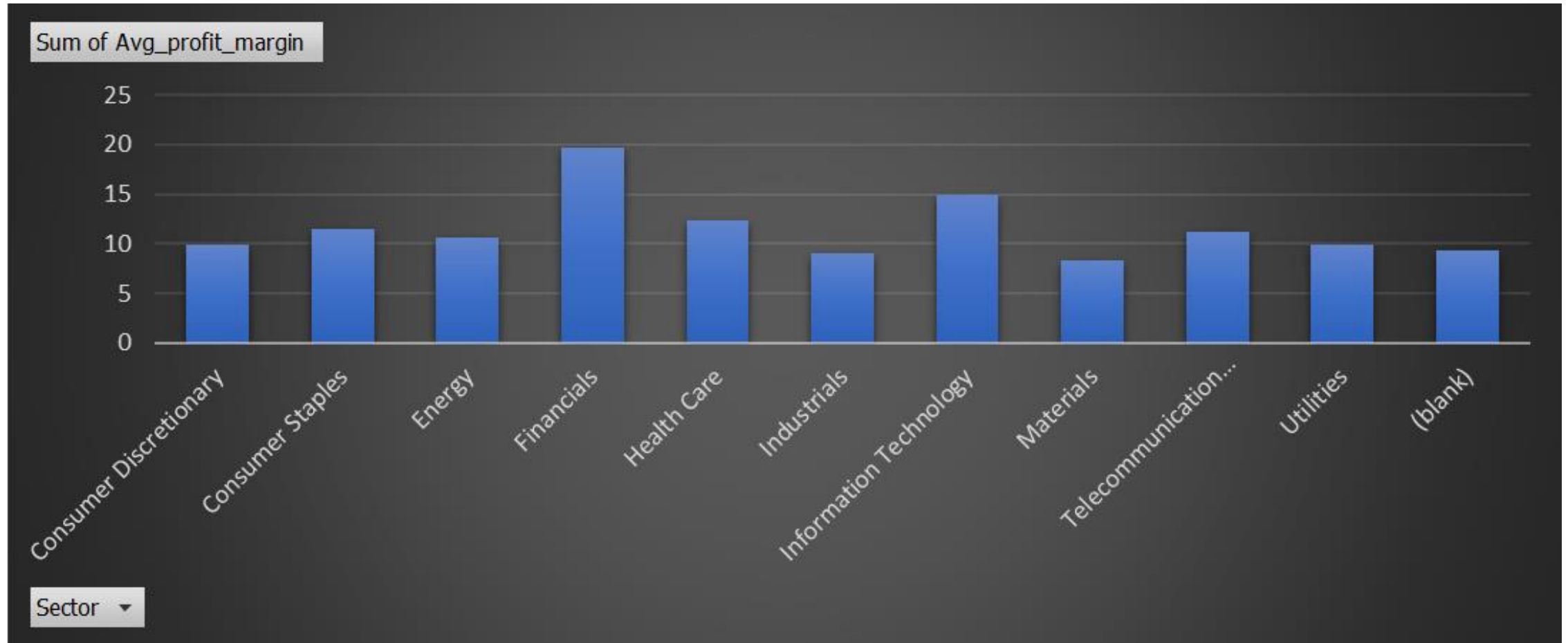
Companies in each Continent



Top 5 countries with the highest total sales



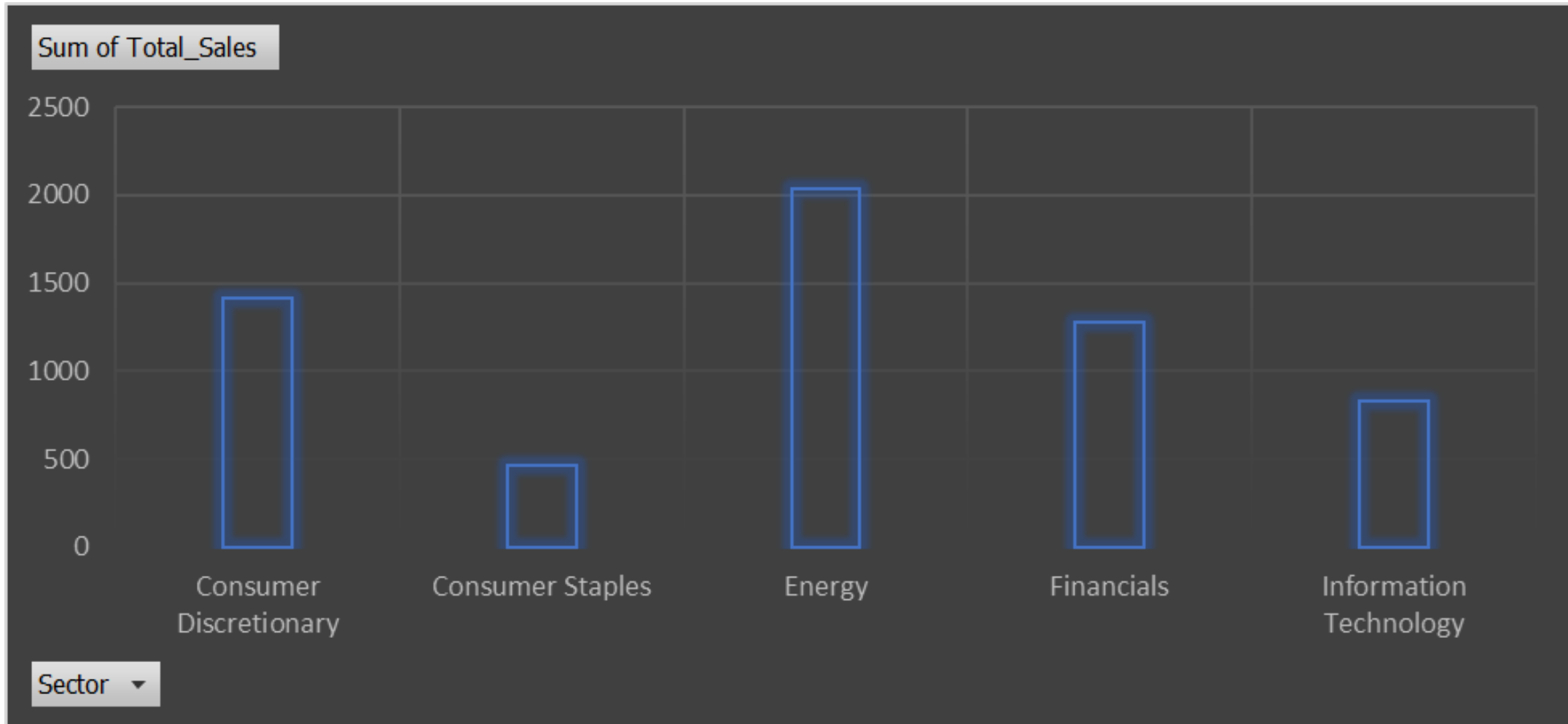
Sector wise Avg_Profit_Margin



Companies with profits greater than 1 billion and assets greater than 10 billion.

Company	Profits	Assets
ICBC	43	3125
China Construction Bank	34	2450
Agricultural Bank of China	27	2405
JPMorgan Chase	17	2435
Wells Fargo	22	1543
Bank of China	26	2292
Bank of America	11	2114
HSBC Holdings	16	2671
Citigroup	13	1883
Mitsubishi UFJ Financial	11	2459
Fannie Mae	84	3270
Freddie Mac	49	1982

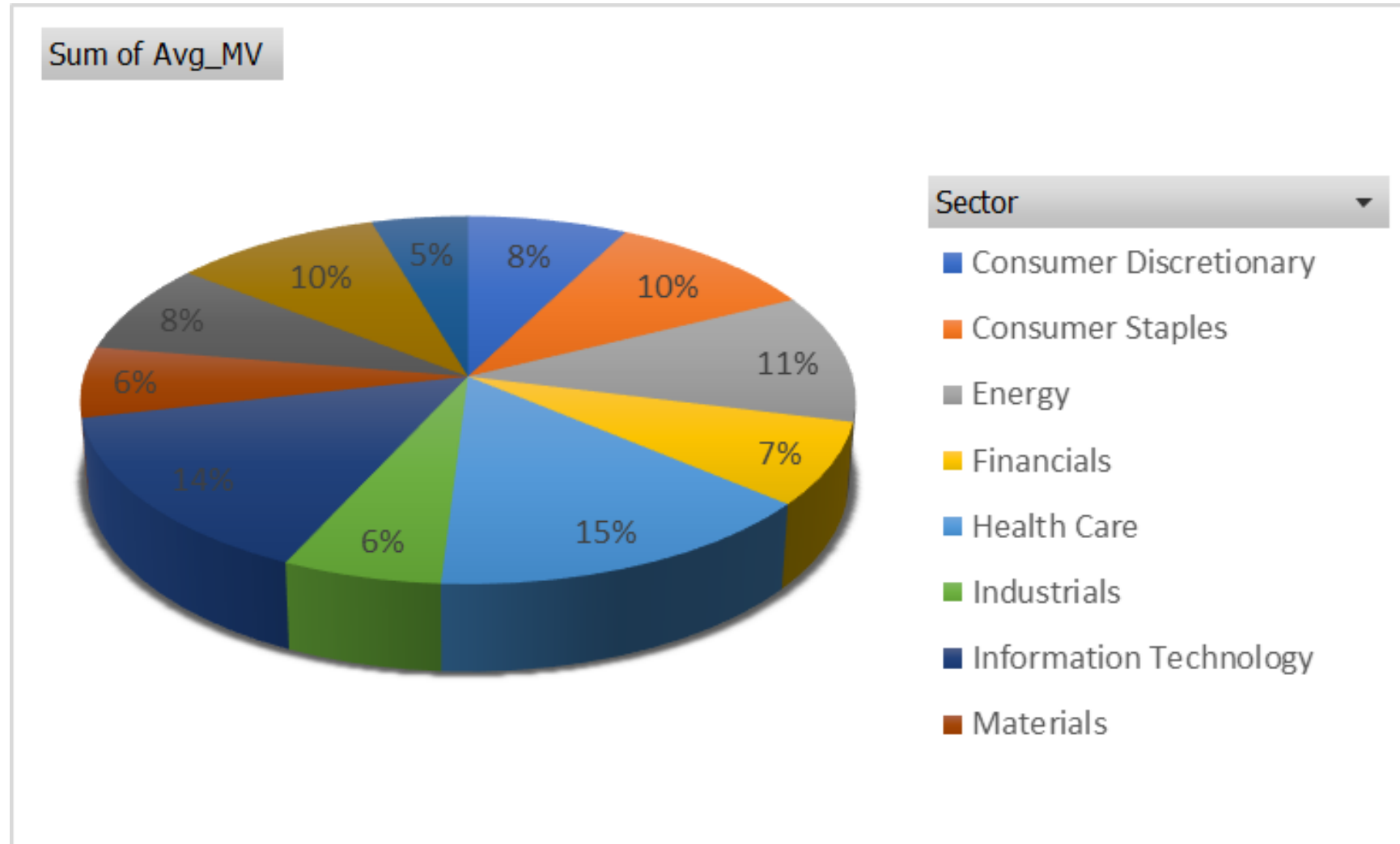
Top 5 sectors with the highest total sales, considering only the companies with a market value greater than 1 billion



Top 5 companies with the highest profit-to-sales ratio in the technology sector

Company	Sector	Profit_to_sales_ratio
NHN	Information Technology	1
Baidu	Information Technology	0.4
Tencent Holdings	Information Technology	0.3
Taiwan Semiconductor	Information Technology	0.3
Oracle	Information Technology	0.3

Average market value per employee for each sector



Thank
You