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SCHOOL: MORINGA SCHOOL

COURSE: DATA VISUALISATION WITH PYTHON

MORINGA
Discover · Grow · Transform

Average of ROI by Category

8.480192857... (10.41%)

24.8923162... (30.54%)

10.635... (13.05%)

15.571717... (19.11%)

19.7282714285... (24.21%)

Category
- ● IT
- ● FOOD
- ● ELEC
- ● FinTech
- ● LOGI
- ● Bank
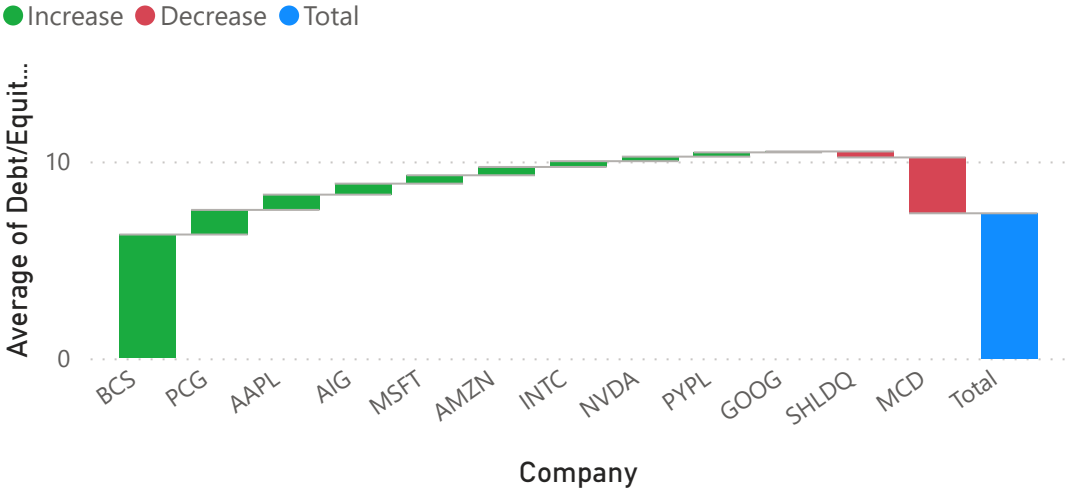- ● Finance
- ● Manufacturing

IT industry is the one that has the best return on investment while bank being the least.

Other categories that follow are FOOD, ELECTRONICS,FINTECH,LOGISTICS
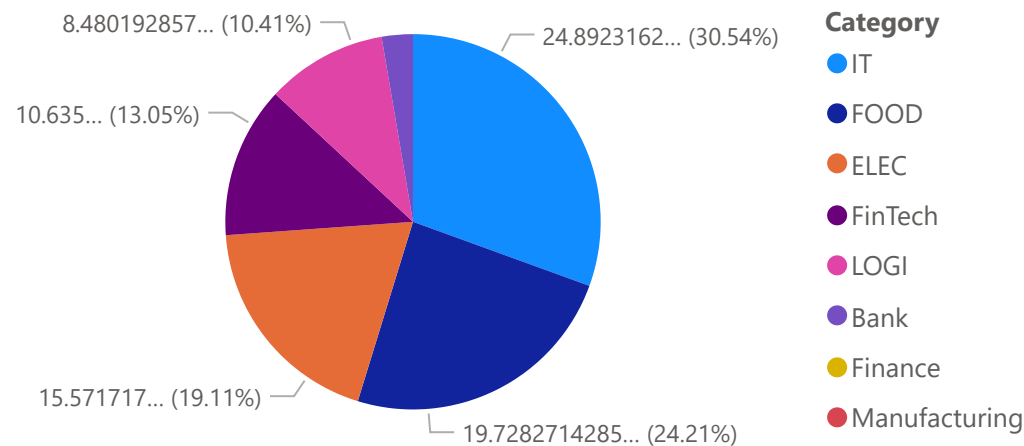
FOOD industry has the best Earning Per Share while finance is the worst performing .

Average of Earning Per Share by Category
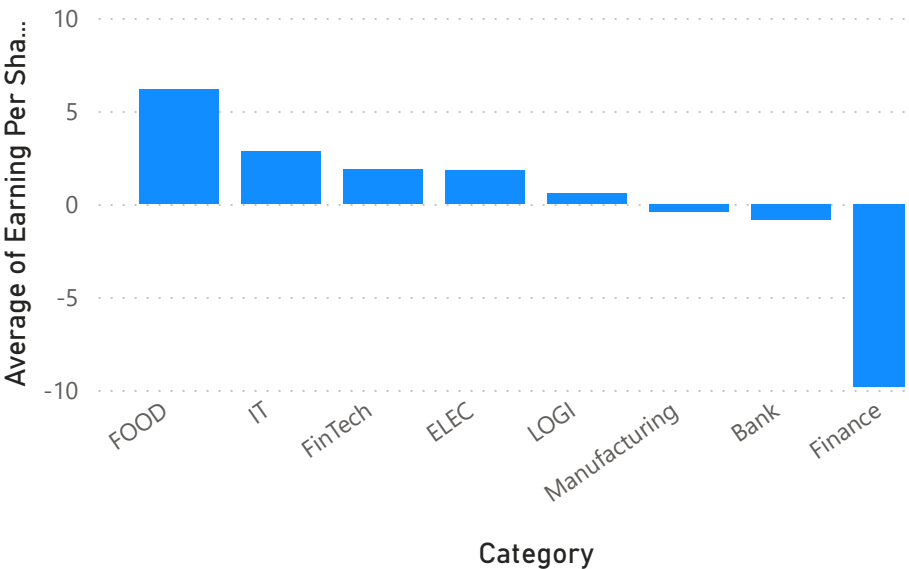
Average of Debt/Equity Ratio by Company

● Increase ● Decrease ● Total

Average of Debt/Equit... (y-axis)

Company (x-axis): BCS, PCG, AAPL, AIG, MSFT, AMZN, INTC, NVDA, PYPL, GOOG, SHLDQ, MCD, Total

BCS has an increased debt to equity ratio meaning that the company has debt as it major way of financing to equity..

MCD has a decreased Debt to Equity ratio meaning that the company is slowing decreasing debt as it financing option. this is a healthy way as the company will not be burdened by debt and interests related to the facilities.
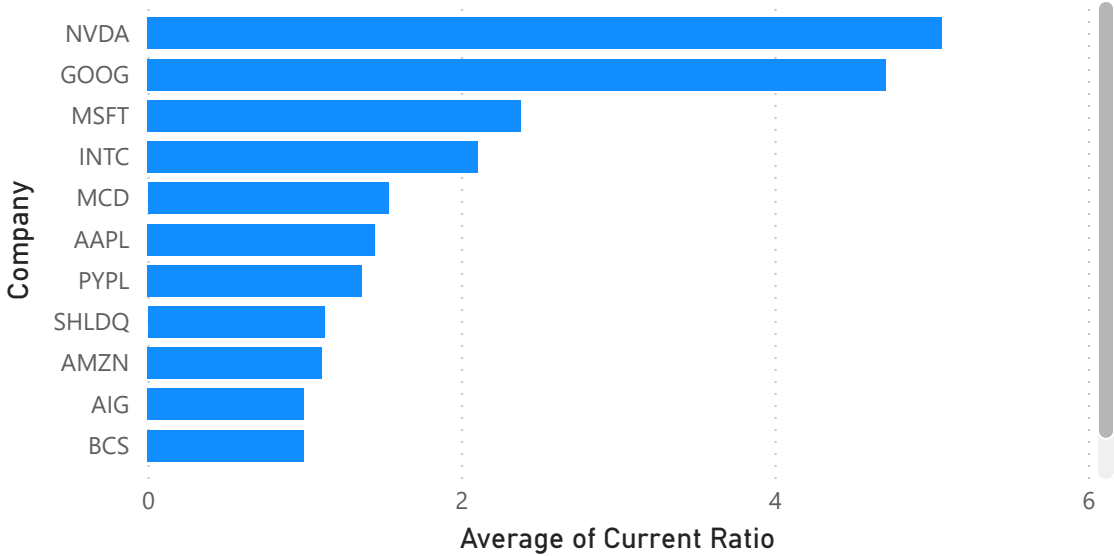
Sum of Number of Employees by Company

AMZN, MCD, SHLDQ, MSFT, BCS, AAPL, INTC, GOOG, AIG, PCG, PYPL
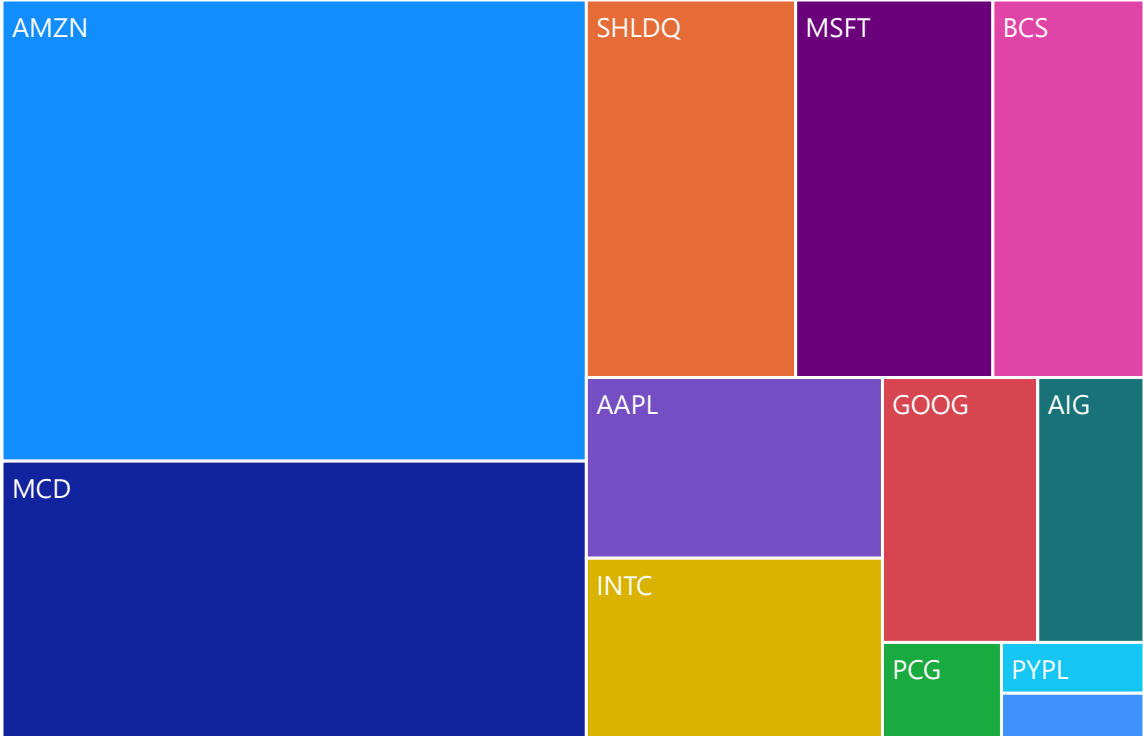
AMZN has the highest number of employees this could be attributed to the nature of the business which deals with shipment and delivery of goods across the globe thus they need sizeable man power.

PCG has the lowest number of employees, this could be attributed by the fact its a small company with small operations as it can be seem from the market cap it has.
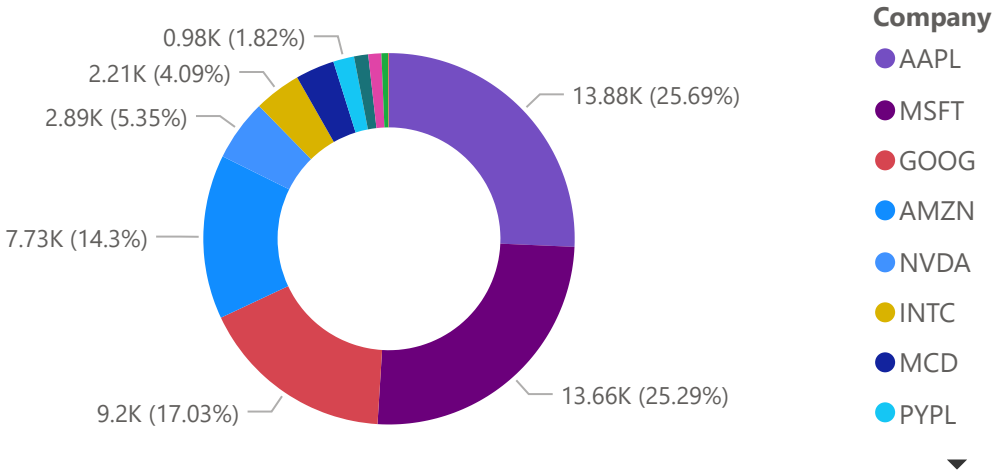
Average of Current Ratio by Company

Company	Average of Current Ratio
NVDA	~5.0
GOOG	~4.7
MSFT	~2.3
INTC	~2.1
MCD	~1.5
AAPL	~1.4
PYPL	~1.3
SHLDQ	~1.1
AMZN	~1.1
AIG	~1.0
BCS	~1.0

NVDA has the highest Current Ratio meaning it is liquid in terms of meeting its current obligations.

**BCS has the lowest ratio meaning it has a challenge meeting its short terms obligations.**

Sum of Market Cap(in B USD) by Company

- 13.88K (25.69%)
- 13.66K (25.29%)
- 9.2K (17.03%)
- 7.73K (14.3%)
- 2.89K (5.35%)
- 2.21K (4.09%)
- 0.98K (1.82%)

Company
- AAPL
- MSFT
- GOOG
- AMZN
- NVDA
- INTC
- MCD
- PYPL

MSFT has the largest market cap as illustrated by the visualization.

PCG has the smallest market cap.

Average of Revenue by Category

Logistics has is the best performing in terms of Revenues while FINTECH is the least.
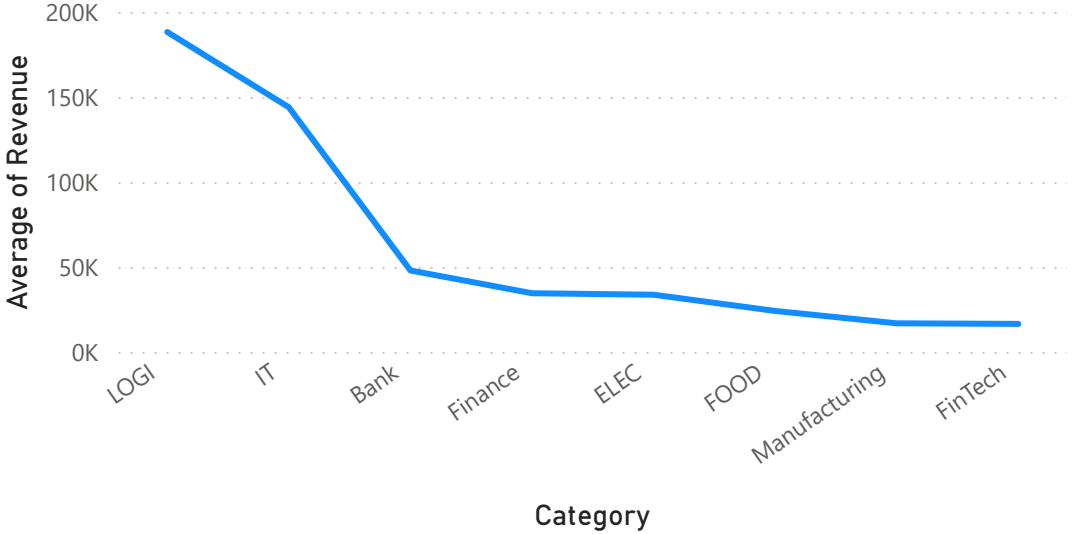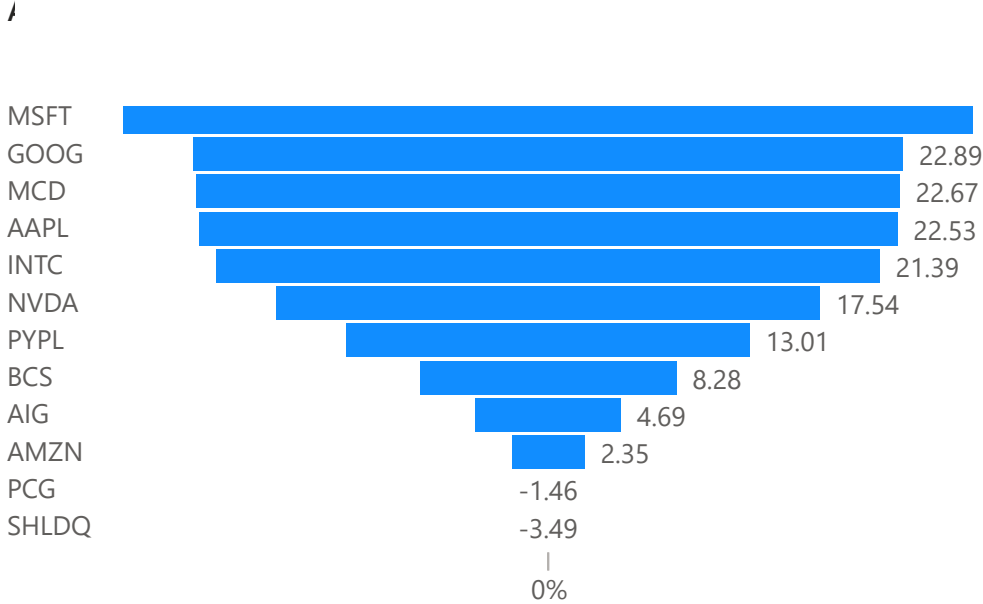
MSFT has the best net profit margin meaning that its the best performing if the Investor is looking for a company that is stable and making great profit after Interests and Taxes.

SHLDQ is the least performing with negative net profit margins meaning its expenses outweigh the revenues.

MSFT	
GOOG	22.89
MCD	22.67
AAPL	22.53
INTC	21.39
NVDA	17.54
PYPL	13.01
BCS	8.28
AIG	4.69
AMZN	2.35
PCG	-1.46
SHLDQ	-3.49
	0%

Conclusion And Recommendations

- The best sector to invest in as a potential investor is Information Technology. This is based on the Return on Investment that it has which stands at 24.89%.

- The company that is best for trading with as a supplier is Nvidia as it has the best current ratio which simply indicates that the company is liquid and can be able to comfortable maintain its operational costs.

- Microsoft on the other habnd would be best to invest in as a shareholder or as a potential investor due to its huge profit margins, this means that it not only has a high likelihood of paying dividends constantly but has the ability to payout high dividend rates.

- Based on revenues the logistics industry would be best to get involved with as a business person who is ;looking out for an industry which has huge revenues meaning it has good returns overall.

- Amazon being the one with the largest number of employees, this means that if the company would be liquidated then the economy would be hit hard due to the number of employees it is supporting to meet their daily livelihoods.