

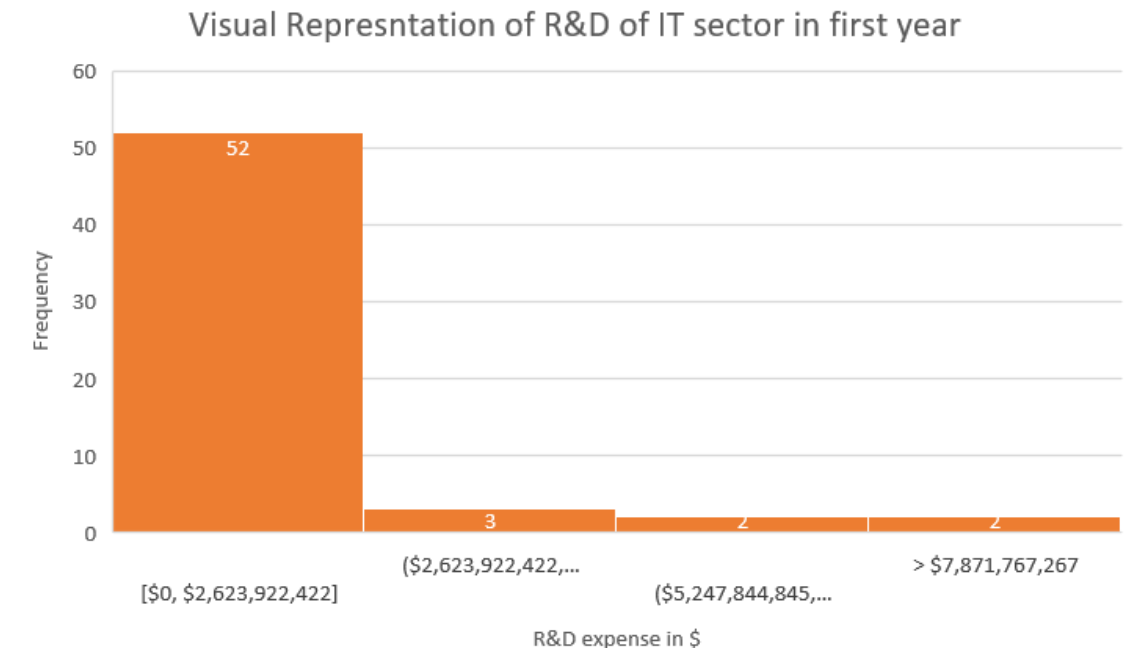
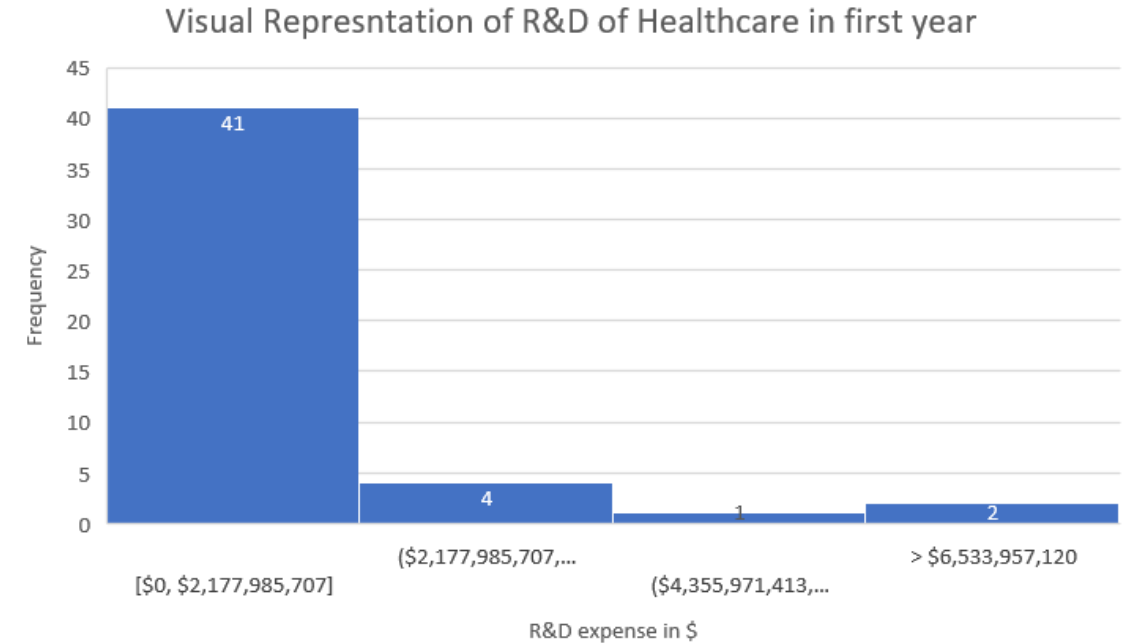
# Analysis of NYSE Data

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By  
Bhaumik Patel

## How different sector spend their resources in research and development changed in year 1?

- These are 2 histogram charts describes the expenditures in R&D of health care and IT sector in year 1.
- As we can see from these two charts, both charts are right-skewed or positively skewed. Which tells, that mean for each is higher than median.
- Also the mean for health care is around \$995 million and for IT, it is around \$1.2 billion. The median for healthcare (\$ 284 million) is half than IT (\$ 590 million). Standard deviation for IT is \$ 359 million higher than health care.
- Which means more than 50% of IT companies spend more than \$590 million in their R&D.



# Profit & Loss statement of NFLX between first to fourth year

- As we can see the given table describes how are the earnings of NFLX (Netflix) is doing. (No doubt it's going up as everywhere people are using #netflixandchill, Just kidding!)
- We can see that gross profit of the company has been increasing at a very good rate. \$494 million in the year 2, \$436 million in the year 3 and last year they profited around \$612 million.
- Although having good gross profit every year their earning started going down after second year. In third year they earned \$96 million less than year 2. In fourth year they earned \$22 million less than second year.

Profit & Loss Statement				
	Historical			
	Year 1	Year 2	Year 3	Year 4
<b>Total Revenue</b>	\$4,374,562,000.00	\$5,504,656,000.00	\$6,779,511,000.00	\$8,830,669,000.00
COGS	\$3,117,203,000.00	\$3,752,760,000.00	\$4,591,476,000.00	\$6,029,901,000.00
<b>Gross Profit</b>	\$1,257,359,000.00	\$1,751,896,000.00	\$2,188,035,000.00	\$2,800,768,000.00
Sales, General and Admin.	\$650,243,000.00	\$876,927,000.00	\$1,231,421,000.00	\$1,568,877,000.00
Other Operating Expenses	\$0.00	\$0.00	\$0.00	\$0.00
R&D	\$378,769,000.00	\$472,321,000.00	\$650,788,000.00	\$852,098,000.00
<b>Total Operating Expenses</b>	\$1,029,012,000.00	\$1,349,248,000.00	\$1,882,209,000.00	\$2,420,975,000.00
<b>Operating Income / EBIT</b>	\$228,347,000.00	\$402,648,000.00	\$305,826,000.00	\$379,793,000.00

# Profit & Loss Forecasting of EBAY for next two years

- As shown in the table last two columns forecasts the growth of EBAY. The shown table is for the Best Case scenario for the company.
- The forecast of fifth year is solely based on the performance of the company in fourth year. As we can see the cost of sold goods is highest in all previous four years revenue growth might go through some hurdles. Forecast suggests that company's total revenue will be 3.9% higher than previous year and gross profit will be \$58 million higher than previous year.
- The company further will grow their revenue higher to 4.9% than fifth year and operating margin will be 29.34%.

Profit & Loss Statment						
	Historical				Forecast	
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Total Revenue</b>	8257000000.00	8790000000.00	8592000000.00	8979000000.00	9329383302.82	9786733281.84
COGS	1492000000.00	1663000000.00	1771000000.00	2007000000.00		
<b>Gross Profit</b>	6765000000.00	7127000000.00	6821000000.00	6972000000.00	7557894448.36	8026268893.52
Sales, General and Admin.	3260000000.00	3593000000.00	3660000000.00	3499000000.00		
Other Operating Expenses	136000000.00	75000000.00	41000000.00	34000000.00		
R&D	915000000.00	983000000.00	923000000.00	1114000000.00		
<b>Total Operating Expenses</b>	4311000000.00	4651000000.00	4624000000.00	4647000000.00		
<b>Operating Income / EBIT</b>	2454000000.00	2476000000.00	2197000000.00	2325000000.00		
Revenue Growth (%)		6.46%	-2.25%	4.50%	3.90%	4.90%
Gross Margin	81.93%	81.08%	79.39%	77.65%	81.01%	82.01%
Operating Margin	29.72%	28.17%	25.57%	25.89%	28.34%	29.34%

**THANK YOU**