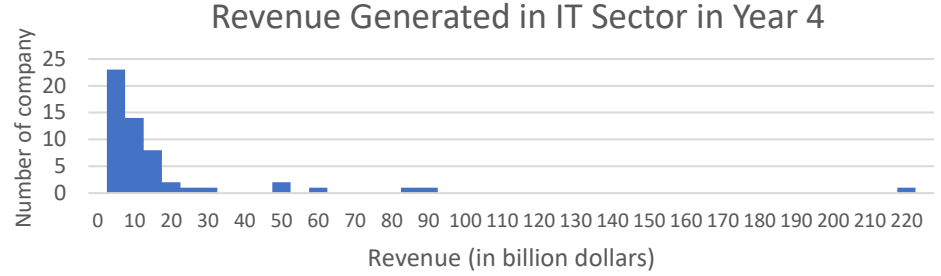
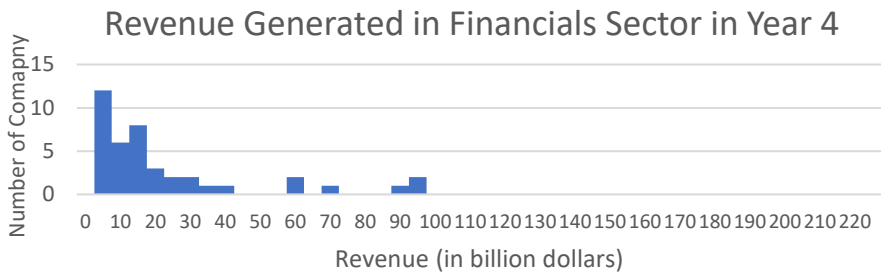


# Data Analysis for Project Data-NYSE

By He Wang

# Does the Financials sector have similar total-revenue generating levels than the IT sector on Year 4?



- There are two histograms for revenue-generating from the Financials sector and IT sector in year 4.
- The two histograms both show a right-skewed distribution, which represents that for both charts, the value of means is higher than the medians.
- The mean for the Financials industry is \$20.57 billion and it is higher than the mean in the IT industry. On average, companies in the Financials industry generate more revenue than companies in the IT industry.
- The median for the Financials industry is \$10.35 billion, almost doubles the amount of the median in the IT sector, which is \$5.57 billion. In this case, we can say, half of the Financials industry companies generate more revenue than at least half of the companies in the IT industry.
- The standard deviation for financial sectors is \$25.59 billion and for the IT sector is \$32.92 billion, which for the IT industry, the revenue-generating range is more split than the revenue range in the Financials industry. The total revenue range for the Financials industry is from a minimum of \$1.4 billion to \$93.06 billion. The range for the IT industry is from a minimum of \$1.06 billion to a maximum of \$25.64 billion. Therefore, for the company that generates the most revenue in the IT industry, it is also generate the most total revenue in both financials and IT industries.