Analyze NYSE-Data

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Total Revenue for Financial Sector in Year 1

No of companies: 24, 5, 4, 2, 0, 0, 1, 1, 1, 3

X-axis (Total Revenue): ($1,287,577,0..., ($11,166,619,..., ($21,045,661,..., ($30,924,703,..., ($40,803,746,..., ($50,682,788,..., ($60,561,830,..., ($70,440,873,..., ($80,319,915,..., ($90,198,957,...

Total Revenue for Financial Sector in Year 2

No of Companies: 24, 6, 3, 3, 0, 0, 2, 0, 1, 2

X-axis (Total Revenue): ($1,346,100,0..., ($11,381,190,..., ($21,416,280,..., ($31,451,370,..., ($41,486,460,..., ($51,521,550,..., ($61,556,640,..., ($71,591,730,..., ($81,626,820,..., ($91,661,910,...

## Dose The Total Revenue in Financial Sector Differentiate between Year 1 and Year 2 ?
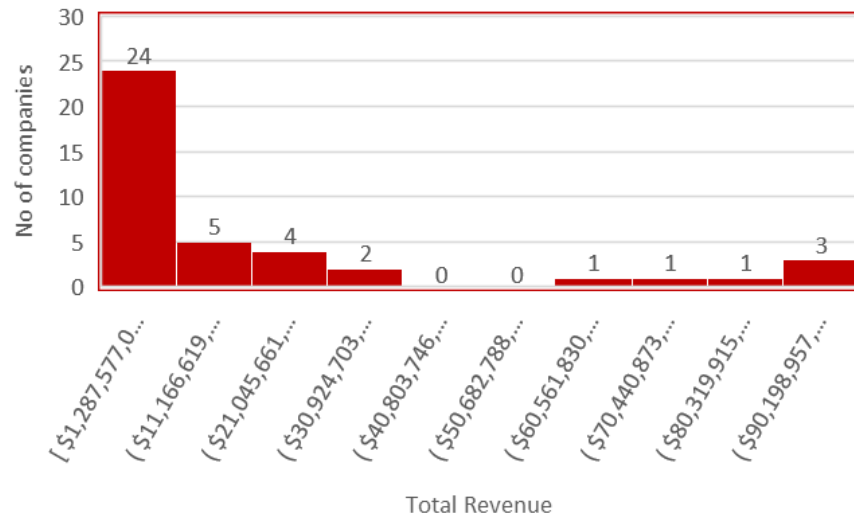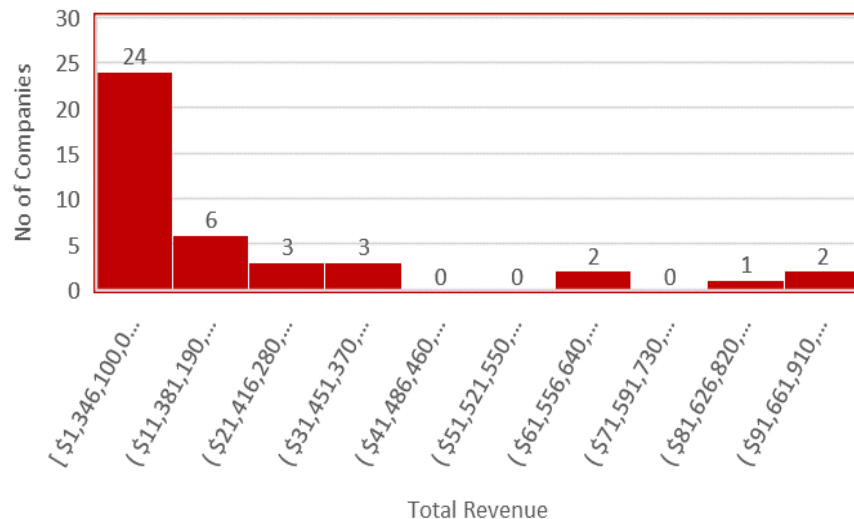
Here the Histogram for the total revenue for financial Sector companies in Year 1 and Year 2. Both distributions are right-skewed or positively skewed. That means, the mean for each one is higher than the median.

The mean for total revenue in Year 1 is about $21,419,213,414.63 which is higher compared to mean in total revenue for Year 2 : $20,570,560,097.56. It looks like the financial sector in Year 1 have a higher total revenue on average than financial sector in Year 2.

The median in Year 2 is slightly above by $10,381,653,000.00 than the median in Year 1 : $10,259,000,000.00.

The Standard Deviation of total revenue in Year 1 is $28,272,226,523.63 Which is higher compared to the Standard Deviation of total Revenue in Year 2 : $26,616,859,732.49. There is a higher Variability of Total Revenue in Year 1 compared to Year 2. It appears that companies in the Financial Sector in Year 1 have fewer stable revenues as they change on average more than the average change SD of Financial Sector in Year 2.

The Range for Financial Sector total Revenue in Year 2 at $100,350,900,000.00, is higher compared with The Range of total Revenue in the Year 1 at only $98,790,423,000.00.

It looks like Year 2 in Financial Sector have more significant variability in the total revenues they receive because their range is more spread out.