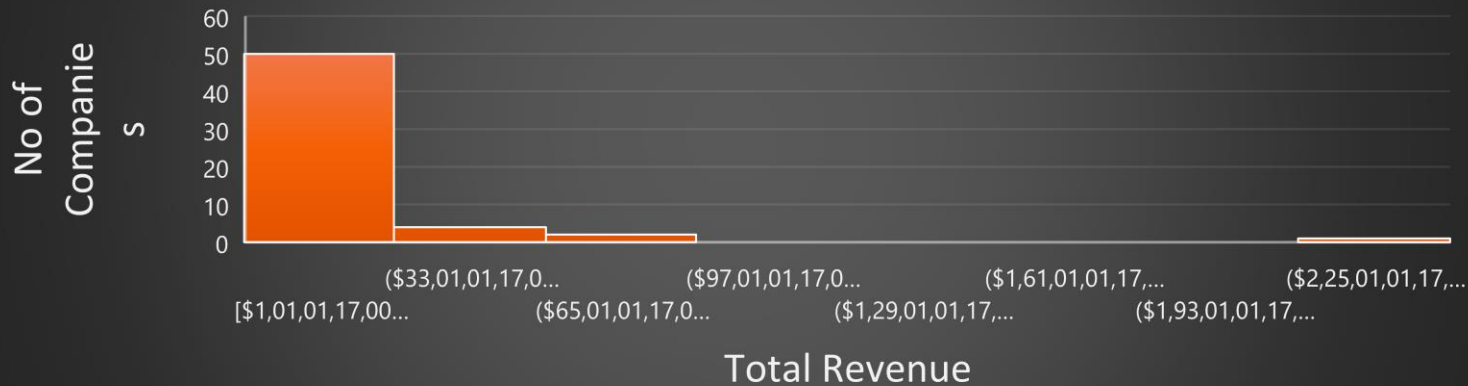


# PROJECT : 2

BY: ARYAN BATRA

# How the Total Revenue of IT sector changed in year 3 and year 4?

## Total Revenue for IT in year 3



## Total Revenue for IT in year 4



- ▶ Both these histograms are for total revenue of all Information technology companies in year 3 and year 4 respectively. Both the histograms are right skewed or positively skewed, which means that the mean is higher than the median.
- ▶ The total revenue of year 3 was \$9,55,50,26,12,000.00 and the total revenue of year 4 was \$8,81,92,69,04,000.00 which shows that there is depreciation of revenue by 7.7% in year 4 as compared to year 3.
- ▶ The standard deviation of year 3 is \$35,39,99,50,074.68 which is higher than the standard deviation of year 4 which is \$32,91,58,09,921.49. This means that the variability for total revenue in IT companies in year 3 is higher than that of year 4, and IT companies in year 3 generated a greater revenue by \$73,57,57,08,000.00 as compared to IT companies in year 4.
- ▶ The range of the total revenue of year 3 is \$2,32,70,48,83,000.00 which is higher than range of year 4 which is \$2,14,57,96,34,000.00, this clearly tells us that the total revenue of year 3 in IT companies is more spread as compared to the total revenue of year 4.
- ▶ With a range of \$2,32,70,48,83,000.00, Year 3 revenue skewness can be explained by revenue of 1 company which is 32 billion dollars and for 50 companies which is again 32 billion dollars. Similarly with a range of \$2,14,57,96,34,000.00 skewness of year 4 revenue can be explained by revenue of 1 company which is 30 billion dollars and for 49 companies which is again 30 billion dollars.