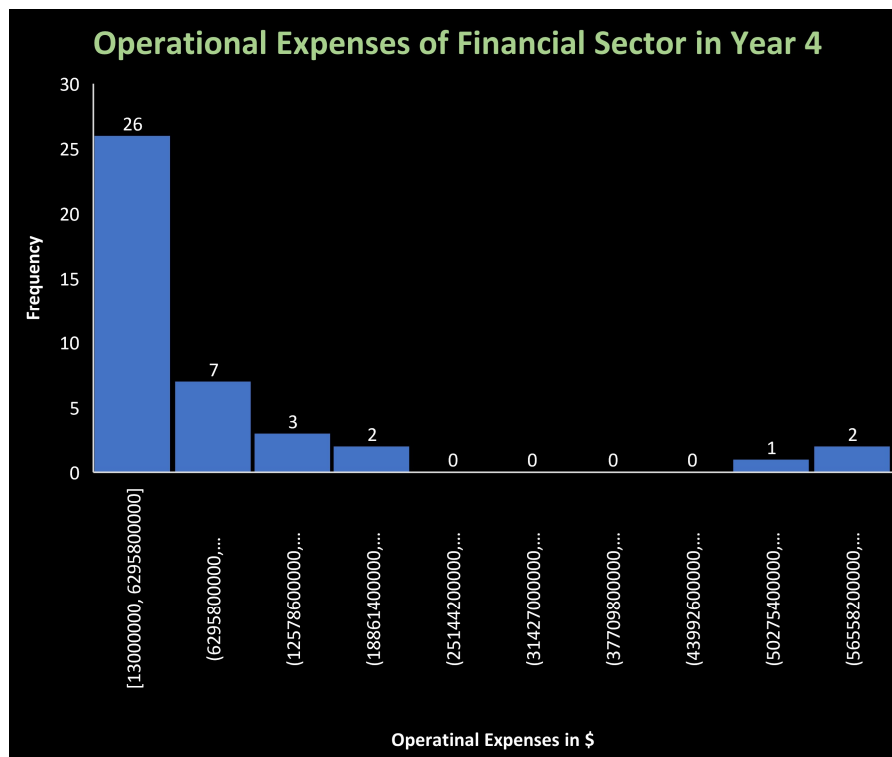
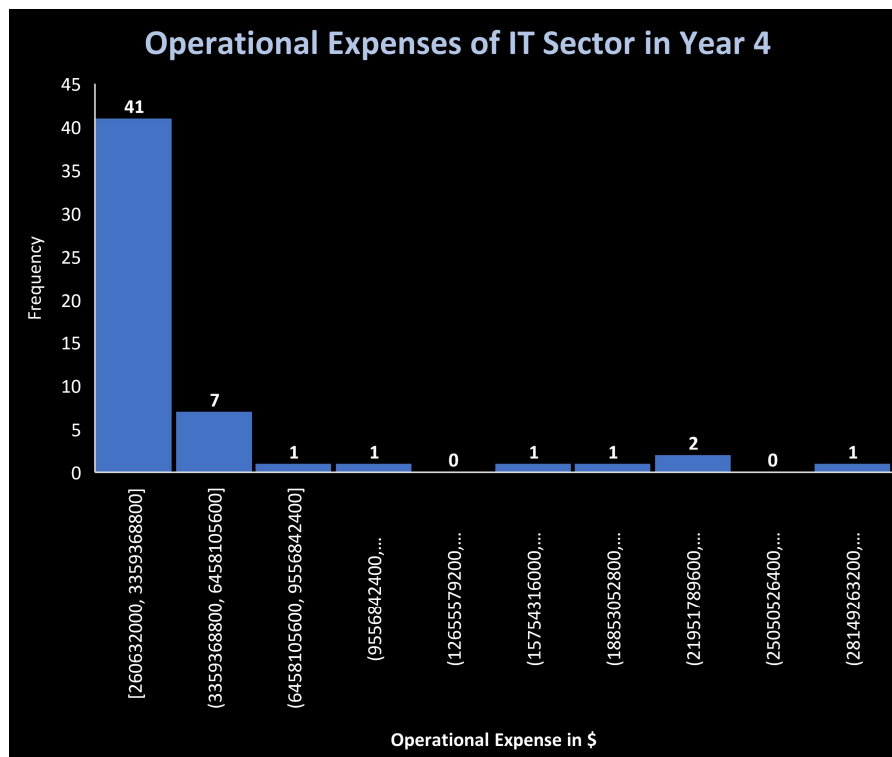


Does the Financial sector have the similar operational expenditure level than IT sector in year 4?



- Here are the Histograms of total operational expenditure of both Financial and IT sector for year 4
- Both distributions are right skewed, that means, the mean is higher than the median.
- The mean of Financial sector is \$ 9.57 billion which is more than two times than that of IT sector which is \$ 4.30 billion. The mode of Financial sector is \$ 3.67 billion which is also higher than the mode of IT sector which is \$ 2.14 billion.

Does the Financial sector have the similar operational expenditure level than IT sector in year 4?



- The **Range** of Financial sector and IT sector is \$ 62.83 billion and \$ 30.99 billion, respectively. That means the range of Financial sector is almost double than that of IT sector. The **Standard Deviation** of Financial sector is \$ 15.28 billion which is more than double than that of IT sector, which is \$ 6.70 billion. The **Interquartile Range** of Financial sector is \$ 7.78 billion which is more than three times than that of IT sector, which is \$ 2.22 billion. However, these information give us a clear idea that the variability of operational expenditure of Financial sector is higher than that of IT sector.

Does the Financial sector have the similar operational expenditure level than IT sector in year 4?

- It can be inferred that considering only Gross Profit, as a measure of profitability, we cannot obtain correct information for investment decision making purpose. We should consider operational expenses as well. From the below charts we find that Financial sector earned the highest Gross Profit in year 4. But when we look at the Operating Profit, IT sector earned the highest profit in year 4. And this is due to high operational expenses of Financial sector in that year.

