## How did the Revenue evolve across the years in the Information Technology Sector?



After analyzing the data for all the companies from the Information Technology(IT) sector across 4 years, we can see that the distribution of the sum of Total Revenue is right skewed, showing that the revenue had a major increase in the year 3 followed by an even bigger drop on the 4th year, being the lowest amount of all 4 years. By looking at the standard deviation, it varies in a similar way that the sum of total revenue does, being always a 3% of the total sum. Although it's a high amount, an indicator that the values are spread out among the companies, it doesn't surprise in a sum of more than 917 billion dollars.

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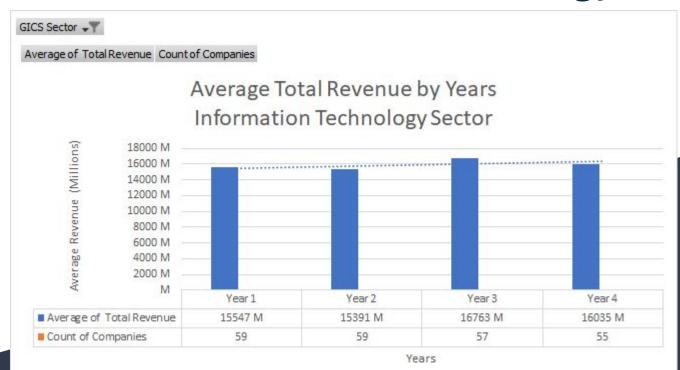
Following on the spread of the values mentioned in the previous slide, we can see it more detail by analyzing the range of the values among the years.

As expected, the range is very big, and with minimum variations across the years, the minimum value remains on a similar amount and represents a very little part of the maximum values.

On the other hand, the Maximum value changes in a more drastic way from year to year, increasing the range notably.

It can also be seen that the biggest range is presented on the 3rd year, where a peak on the revenue was noted on the previous slide.

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If we look into the average of the total revenue, instead of the sum, we can see that the major increase in the year 3 and the bigger drop in year 4 is still very much present.

What can also be seen in this graph is the amount of companies that appeared in every year, it's interesting to see that in the year 3, the average revenue increased, yet the amount of companies decreased.

