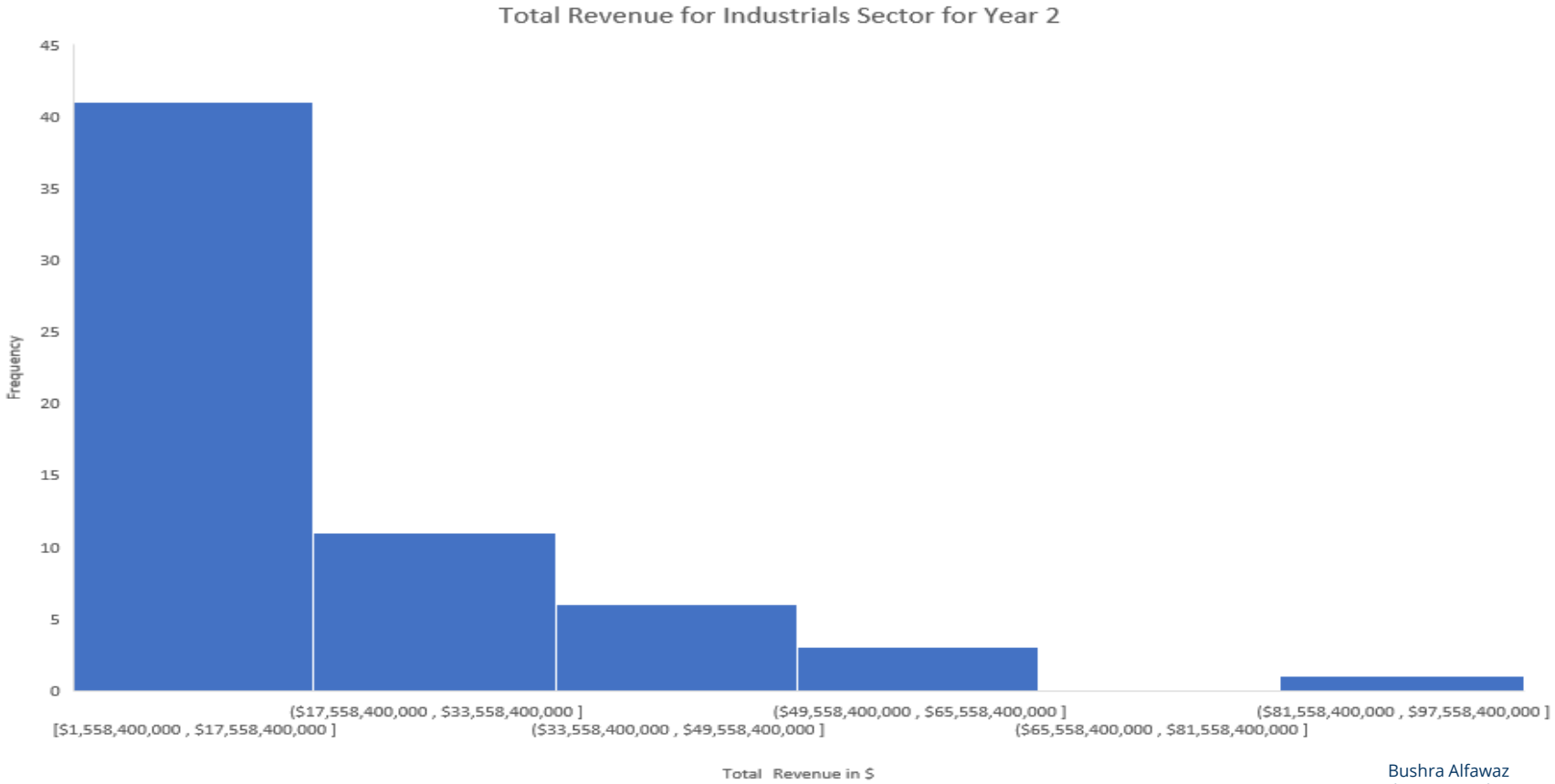
Dose Industrials industray have similialr Total Revenue to Financials industry in Year 2 ?



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Business Analytics Nanodegree Program

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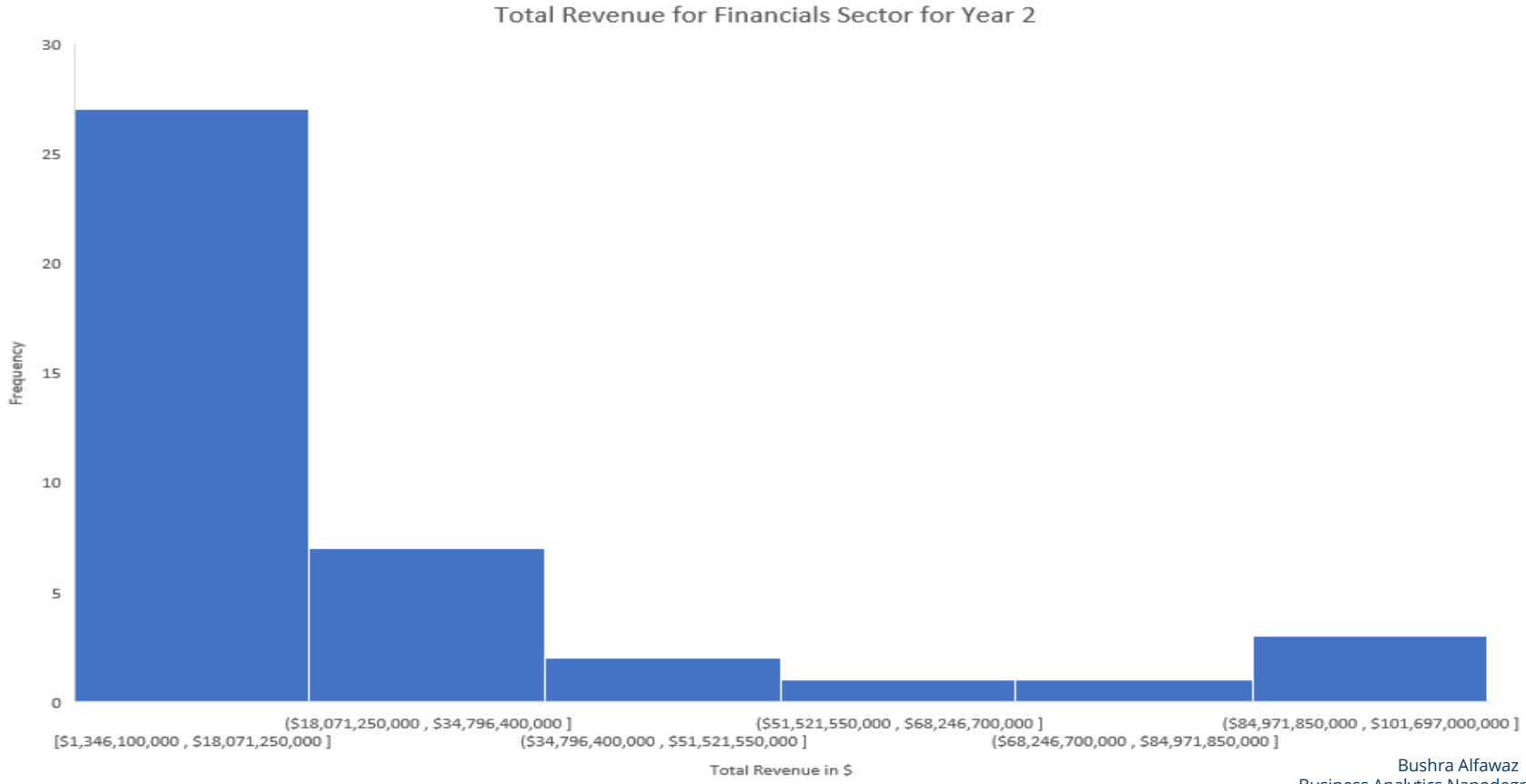

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The charts in previous slides show the histogram for the annual total revenue for Industrials and Financials sectors companies reported for all companies in Year 2. Both distributions are right-skewed which means that the Mean is higher than the Median.

The mean for Industrials is about $16 billion while the mean for Financials is above that in which it is around $20 billion. However, by looking to the Median for both sectors, noticing that it is quite close to each other in which around $10 billion. Further, The maximum in Industrials is around $90 billion while the minimum is around $1 billion, on the other hand, the maximum for Financials is around $101 billion and the minimum is around $1 billion.

The Standard Deviation for Financials is higher than Industrials. Financials is around $26 billion, and Industrials is around $17 billion which indicates that the variability in total revenue in Financials is higher. Also, the range for Financials is higher than Industrials, in which Financials is around $100 billion and Industrials is around $89 billion, this insight indicates that Financials sector is more spread than the Industrials sector. To conclude, since both Standard Deviation and range in Financials sector considered higher by comparing to the Industrials sector, it is clear that the data set in the Financials sector have more spread from the mean.