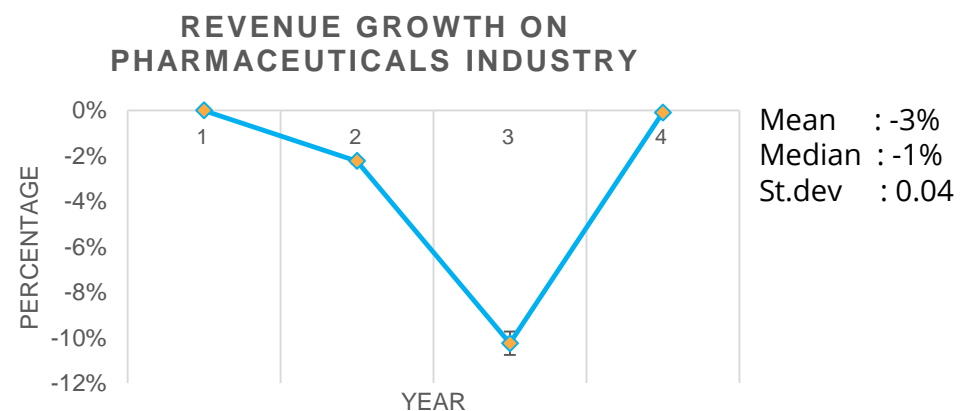
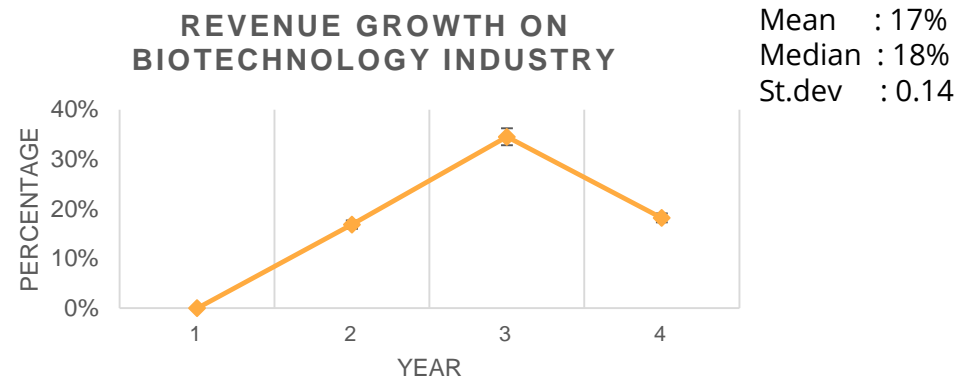


# ***NYSE Data Project***

Kharina MQ

(kharinamarifatul@gmail.com)

# Does revenue growth in the healthcare sector in the biotechnology industry similar to the pharmaceutical industry every year ?



Here are the line chart for the annual revenue growth for Biotechnology and Pharmaceutical industry reported for all company in 4 years.

Distributions of revenue growth on Biotechnology and Pharmaceutical industry is left skewed where median is higher than the mean.

The mean for Biotechnology industry is around 17%, while Pharmaceuticals industry is around -3%. It indicates the revenue growth of Biotechnology industry is growing while on the other hand Pharmaceutical industry is decreasing.

Looking from the standard deviation, it reflects both revenue growth of industry are close to the mean. The standard deviation for Pharmaceutical industry is slightly less (Biotechnology industry 0.14 and Pharmaceutical industry 0.04). That means, the variability in Pharmaceuticals is lower, it could tell us that revenue growth in Pharmaceuticals is more stable comparing to Biotechnology industry.