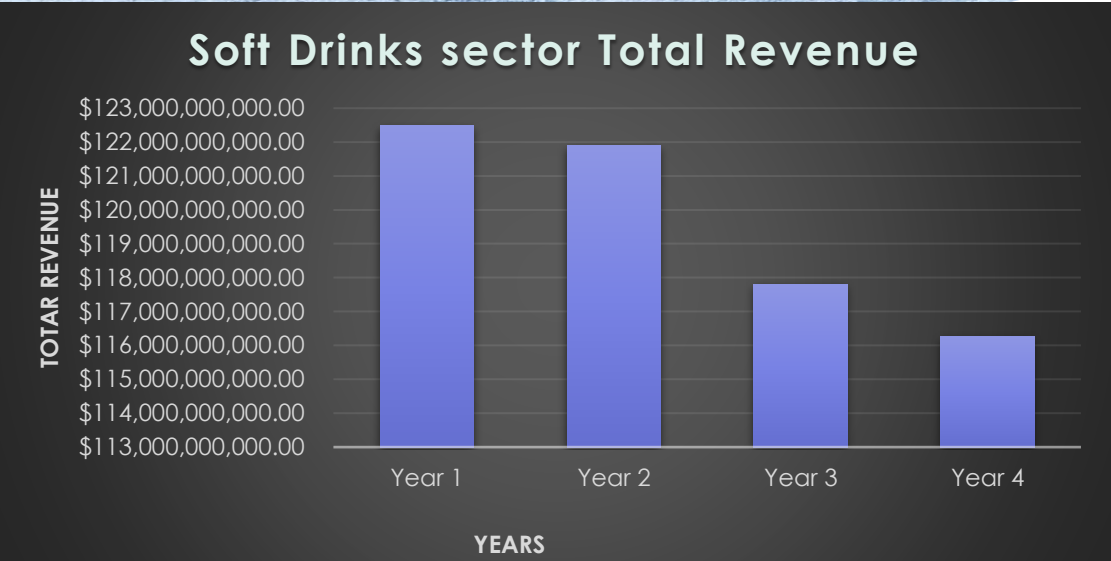# What Are The Differences Between The Total Revenue Of Soft Drinks And Distillers & Vintners During The Four years?

By looking at visualized data ,they clarified that the Soft Drinks consumer sector had the higher average based on the mean which exceeds the Distillers & Vintners' average by over ($ 24843110063) .Furthermore ,the average revenue for consumers discretionary of Soft Drinks sector in the year 2 is higher than the median total revenue. This tells us It is a right-skewed distribution and keeps decreasing . While the vice-versa in the other Sub sector which increases gradually.

In comparing between two spreads in those Sub Industries of Consumer Staples sector, Soft Drinks had the extensive range (64622298000) with its large variability and higher risk is clear in its Standard deviation (27356921388.6576) in contrast to Distillers & Vintners which gained (1664790382.20031) as Standard deviation and had (37523000000) in the range and having minor variability provides more precise measurements and yields more accurate analysis for companies.

These results illustrate the high demand on Soft Drinks , in the first year, which contributed to the increase in its revenue, unlike its counterpart from the same sector. But if the situations continue on this attitude , we will see an exchange of roles as the numbers of Distillers & Vintners will increase and the other sector will decrease.

Soft Drinks sector Total Revenue

Distillers & Vintners Total Revenues

Sources:

https://www.kaggle.com/dgawlik/nyse

In this project we analyze real life data from the New York Stock Exchange . and drawing a subset of a large dataset provided by Kaggle that contains historical financial data from S&P 500 companies.

The sources were used for the purpose of education