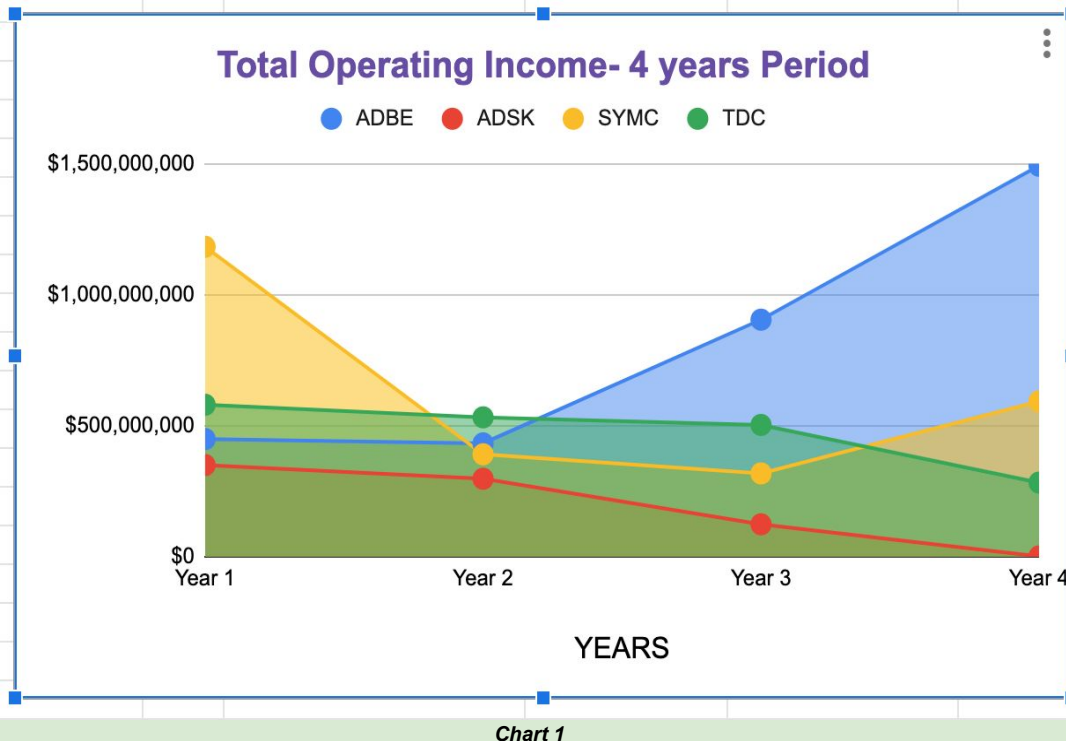


NYSE PROJECT PRESENTATION

By- Pallavi Kakkar

In the Information Technology sector and Sub Sector - Application Software, Out of the four listed companies, which company is averaging more on the Total Operating Income over the period of 4 years?



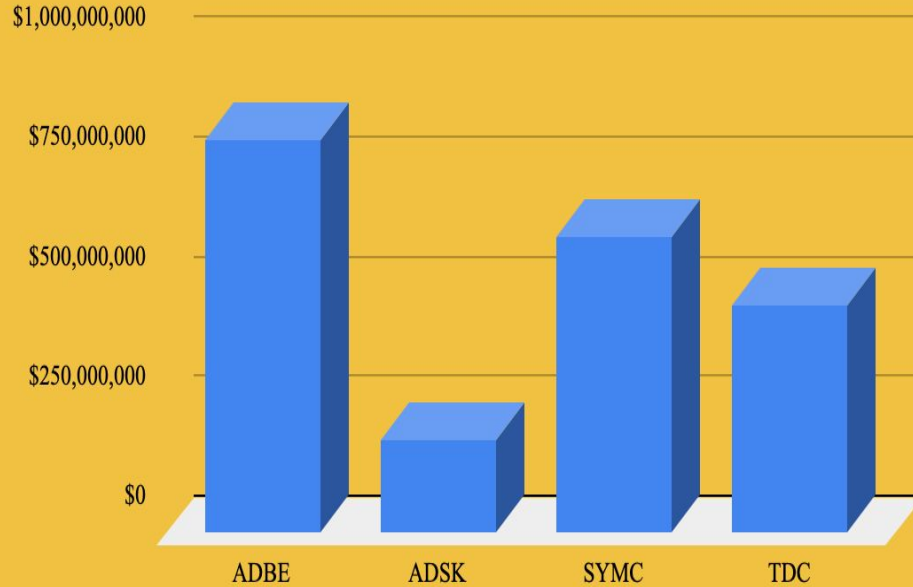
Here we are analyzing the 4 companies listed under the **GICS Sector of Information Technology and GICS Sub Sector > Application Software**. The two charts shown here reflects the **Average Gross Operating income**.

The **Chart 1** shows the **Average Operating income earned yearly** by each company. The **Chart 2** shows the **Average Gross Operating income earned over the four year period collectively**. The graphs show that the Company- Adobe with the ticker symbol **ADBE**, is doing better than the rest of the companies through the period of 4 years.

However after the statistical calculation for the measure of centre and spread, **ADBE shows the value for the Year 3 and Year 4 Total Operating income of \$904,654,000 and \$1,492,094,000 respectively**, which shows a huge jump and definitely looks like an outlier or an exceptionally great business years for Adobe as the amounts doubled from the previous Year 1 and Year 2 operating income.

Average Gross Operating Income Over 4 Yrs

AVG Gross Operating Income



Ticker Symbol

Chart 2

That is the reason we have the **standard deviation of \$498817759.6** showing the wider range of the data spread.

In the chart showing the **AVG operating Income over the period of 4 years for the sector as a whole, the mean value of \$527,127,250 is higher than the median \$440,894,000** which means it is **positively skewed**. Standard Deviation \$380,505,433.6 is closer to the mean \$527,127,250. **The max value belongs to the company ADBE. The analysis show that the company ADBE is by all means a winner in the AVG Total Operating Income.**

The **company SYMC is definitely the one little closer to the Average of ADBE without too many outliers**. SYMC definitely dropped from Year 1 and bore some huge loss in Year 2 and continued with loss in year 3, however, started picking up in Year 4. **They should continue doing what they are in regards to keeping COGS and Operating expenses low** to maintain this growth and ADBE should continue the trend if it is due to the maximum outreach to the audience and getting great customer attention towards their products.

On the other hand, companies named ADSK and TDC are on continuous decline and would need further analysis to find out what needs to be done to bring them back from losses.

Link to the Google Sheets for the Project submission

https://docs.google.com/spreadsheets/d/1ZEL6_QLH0LMOqZuMfG19YWvWOc0MtbG6Fb5FejJ_45U/edit?usp=sharing