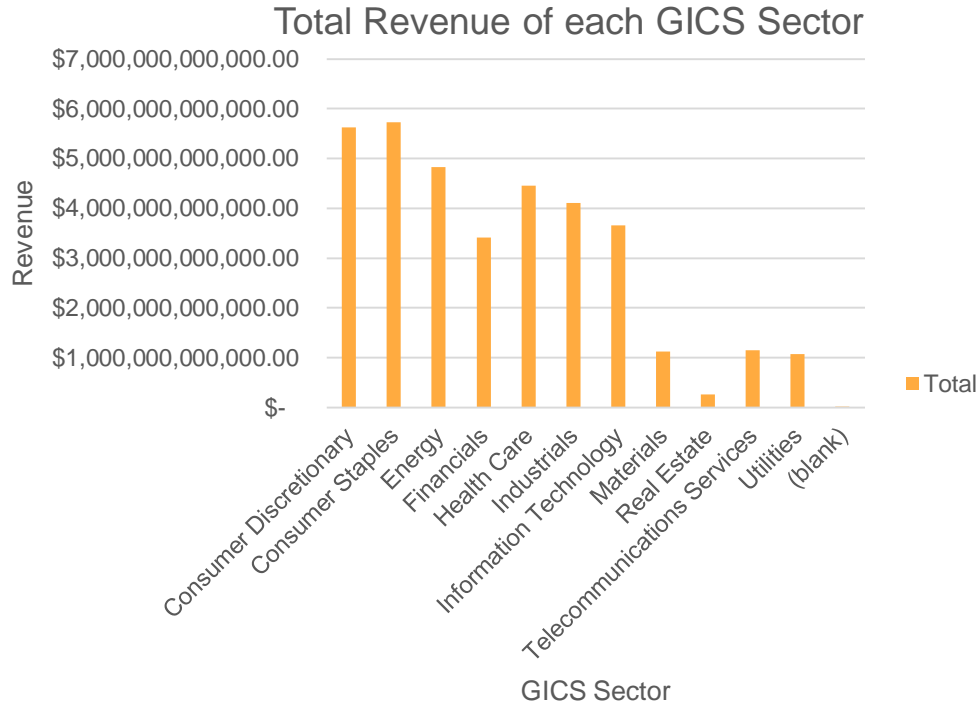


Total Revenue of each GICS Sector



It can be noted that amongst all the sectors in 4 years, "Consumer Staples" has made the most revenue of \$5,729,846,251,000 followed closely by "Consumer Discretionary" at \$ 5,623,668,607,000.

Real Estate seems to have the least revenue generation with a total of \$261,218,429,000.

Healthcare has made some good revenue in those 4 years with \$4,458,012,375,000.

I have chosen Pharmaceutical companies under Healthcare for further analysis.

Taking Pharmaceutical companies and comparing its revenue

	Average Revenue in 4 years	Median
ABBV	\$19,997,250,000	\$19,375,000,000
LLY	\$21,322,700,000	\$21,281,050,000
MRK	\$43,258,750,000	\$43,135,000,000
MYL	\$8,574,450,000	\$4,702,400,000
PFE	\$51,174,250,000	\$50,594,500,000
ZTS	\$4,749,750,000	\$4,775,000,000

On average, PFE company has made the most revenue amongst the pharmaceutical companies. ZTS has made the least revenue in those 4 years.

The growth bar shape for all the companies is right-skewed as the average is greater than the median except for ZTS which has a left-skewed graph. This indicates that ZTS has shown some increase in revenue over those 4 years irrespective of least average contribution. However, the revenue seems to be gradually reducing in the case of other companies.

Taking Pharmaceutical companies and comparing its revenue

	Minimum (Q1)	25% (Q2)	Median (Q3)	75% (Q4)	Maximum (Q5)	Range
ABBV	\$18,380,000,000	\$18,687,500,000	\$19,375,000,000	\$20,684,750,000	\$22,859,000,000	\$4,479,000,000
LLY	\$19,615,600,000	\$19,872,925,000	\$21,281,050,000	\$22,730,825,000	\$23,113,100,000	\$3,497,500,000
MRK	\$39,498,000,000	\$41,552,250,000	\$43,135,000,000	\$44,841,500,000	\$47,267,000,000	\$1,709,700,000
MYL	\$7,719,600,000	\$8,147,025,000	\$8,574,450,000	\$9,001,875,000	\$9,429,300,000	\$5,806,000,000
PFE	\$48,851,000,000	\$49,416,500,000	\$50,594,500,000	\$52,352,250,000	\$54,657,000,000	\$327,000,000
ZTS	\$4,561,000,000	\$4,714,000,000	\$4,775,000,000	\$4,810,750,000	\$4,888,000,000	\$327,000,000

- It can be noted that MYL has the highest spread. Companies with high spread comes with a baggage of high risk with it.
- For PFE and ZTS, though the generated revenue has a huge difference between them, the spread seems to be the same.
- Amongst the companies, ZTS has shown consistent growth rate in terms of revenue. It could be the potential company in terms of investment.

Financial Analysis for the companies

- Revenue Growth %, Gross Margin and Operating Margin are calculated with 3 scenarios namely. Strong, Base and Weak.
- The assumptions are made with respect to the historical data provided.
- Use the drop down option “scenarios” to forecast values for the next 2 years for each base separately.
- Use the drop down option “Ticker Symbol” provided on the top left corner of the sheet “Task3” for each company.