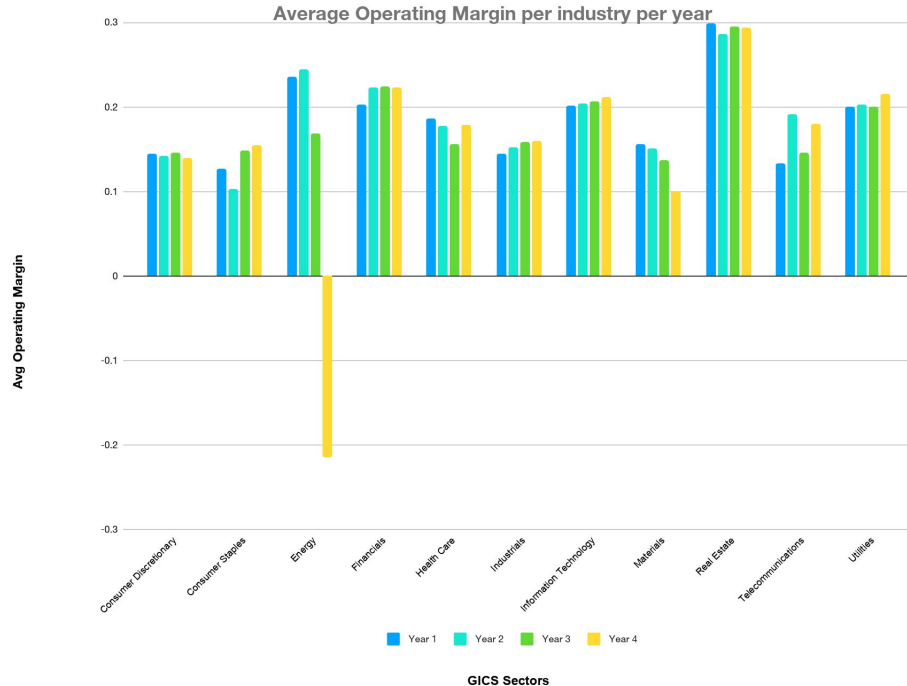


# How much profit is each industry making per year i.e the average Operating Margin per year?



Here is the Bar chart for the Average Operating Margin for each industry per year.

Telecommunications, Finance and Utilities are the top 3 sectors which make the maximum profit. Energy was the 2nd highest for the first 2 years and then in the third year went to 5th position. But in the 4th year, it faces heavy losses.

For most of the companies there is stable growth in their profits. Real estates can be considered a very profitable sector. Industrials grows steadily each year with operating margin

# Standard deviation and Range

Range tells us the difference between highest and lowest value. As we can see from summary statistics, Real Estate (697894186) has the lowest range and hence has lowest variability. Meanwhile, Consumer staples has the highest variability with a range of 30207909383.

Standard deviation helps in understanding the data and report variability around the average of data. Energy has the highest stdev of 17804534727 and Real Estate has the lowest stdev of 298065305.7. It means data is clustered near to mean in case of Real Estate and spread out in case of Energy.

Link for google sheets -

[https://drive.google.com/file/d/1n7jn30dz6ko1\\_CYAAuCHxw0QJ9Ib7RfN/view?usp=sharing](https://drive.google.com/file/d/1n7jn30dz6ko1_CYAAuCHxw0QJ9Ib7RfN/view?usp=sharing)