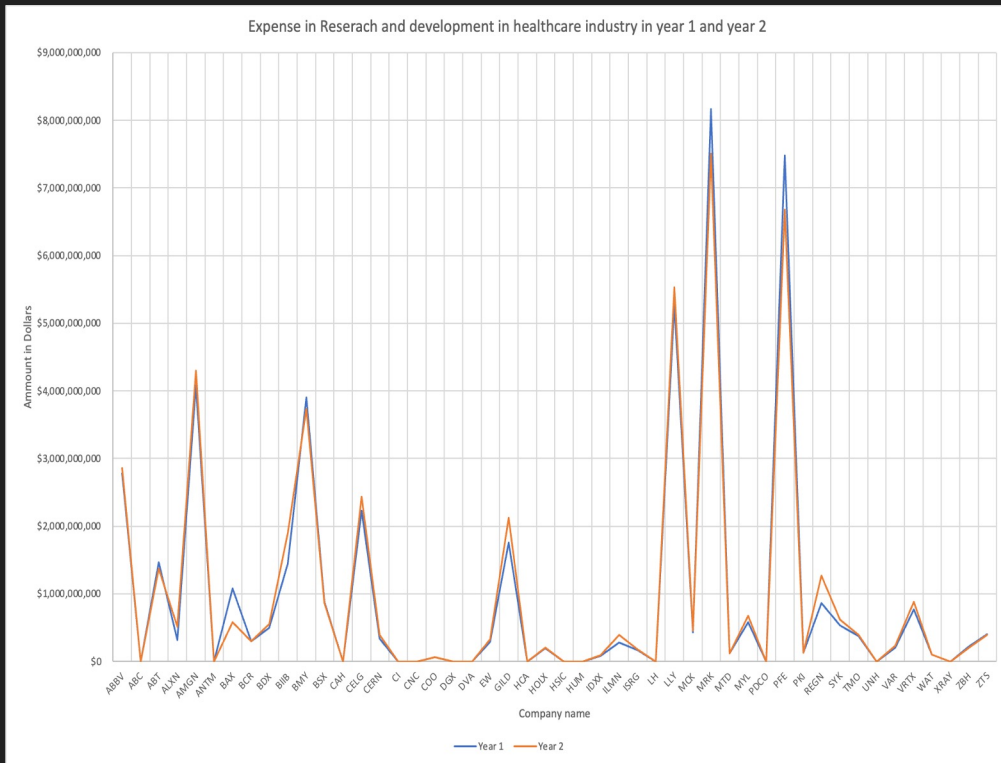




Analyze NYSE data

# Does companies have the similar expense for the Research and development from year 1 to year 2 in the Healthcare industry?



Here is the line chart of the expenditure in the research and development in the healthcare sector company wise in the year 1 and year 2.

The mean for the year 1 is \$995,858,500.00 and for the year 2 is slightly above it to \$1,007,093,854.17 . It means the companies invested more in year 2 than in year 1. The median also for both the year is \$284,021,500.00 (year 1) and \$312,500,000.00 (year 2) which is low than the mean. This implies that most of the companies did not spend too much as compared to the few companies who spent a lot(taking average into consideration).

The standard deviation for year 1 is \$1.8 billion and year 2 is \$1.7 billion. That means the variability was higher in year 1 than to year 2. With the comparison in ranges of the two year we can see that there is a negative 8% drop from year 1 to year 2. This is because the maximum spent value in year 1 is \$8.1 billion USD and for year 2 it is \$7.5 billion USD. The minimum value for both the year was \$0 as some companies choose not to spend in the initial years.

To conclude, as it can be understood that the expense was not the same between both the years but it was similar to a large extent.

Thank you!!