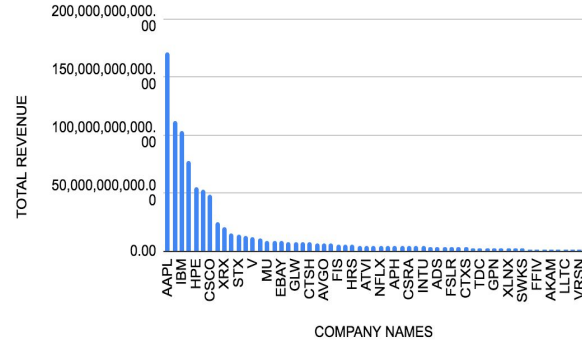**Insights on summary statistics**
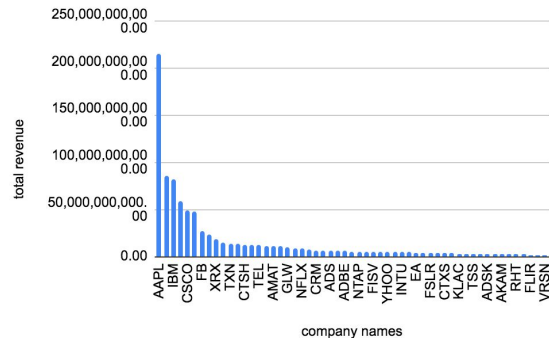
Comparison of revenue in IT sector (1 year and 4 year)

Is there any growth seen in revenue while comparing year 1 and 4 of IT SECTOR

TOTAL REVENUE vs. COMPANY NAMES in year 1 of it sector

total revenue vs. company names in year 4 of it sector

- In the given graphs i've focused on IT sector of GICS and compared its revenue growth statistics of year 1 and 4.

- As we can see average and max value of year 4 is greater than year 1 , we can already assume that there is growth in total revenue of companies in IT sector.(year 1 max =170910000000, average=15,546,943,135.59 and year4 max=215,639,000,000.00 ,average=16,035,034,618.18).

- While comparing standard deviation in both years we can see standard deviation is again higher in year 4 than in year 1 i.e. (year1 std dev =30875723621 and in year 4 =32915809921). Which means there is higher variability in year 4 of total revenue than in year 1 .

- Range of the two years (max-min valuesof revenue) when compared we again see higher range in year 4 , i.e (year1 range=170,036,408,000.00 < year4 range=214,579,634,000.00) when seeing both range and deviation of year4 is greater than year1 we can conclude that the data in year4 is highly deviating from average in year4 with a larger range .

- In the given graph it is clearly seen that the data is higly right skewed which means their mean is higher than their medians .(1year mean= 15,546,943,135.59 < 1year median=4,436,000,000.00 ; 4year mean=16,035,034,618.18< 4year median=5,568,700,000.00)