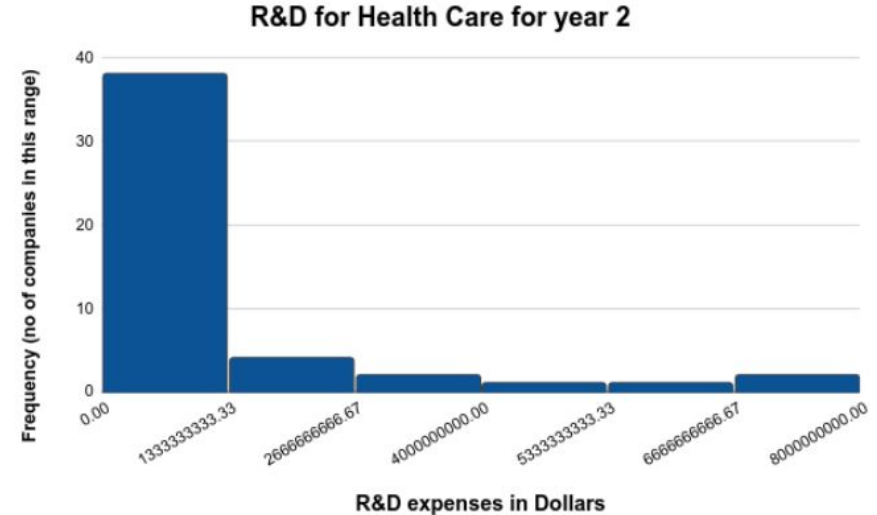
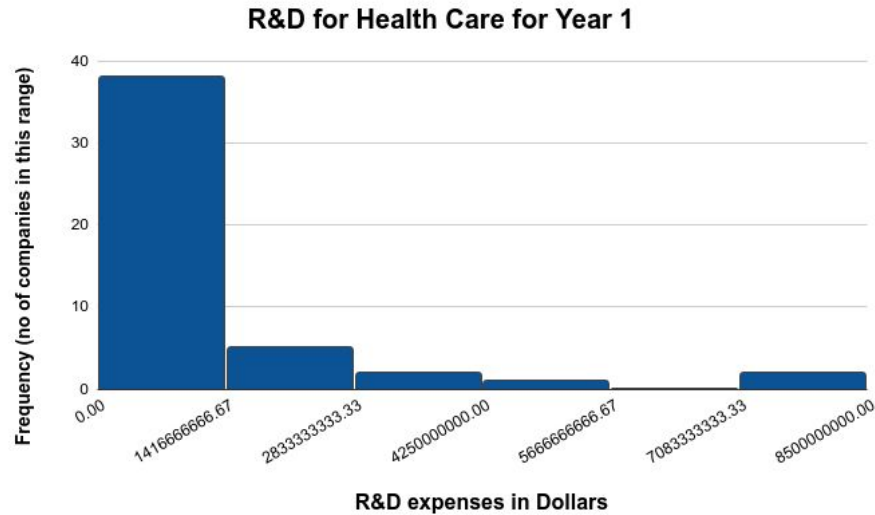


Analyze NYSE Data Project



[Google sheet project link](#)

How the health sector annual expenditure for R&D differs between year 1 & year2 ?



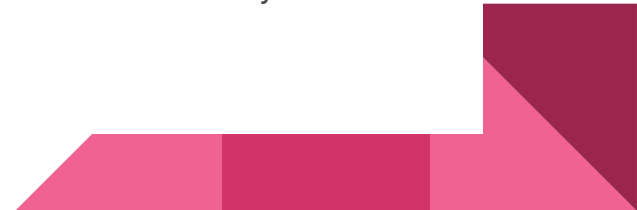
These are the histograms for the annual R&D expenditure for Health Care Sector on year 1 and year 2.

Both distributions are right skewed which means that the mean is higher than the median in both graphs also the mode is the highest frequency for a specific range also lies at the left of the graph

The mean for the second year is greater than the first year by approx 11 million dollars, which means that the average expenditure of R&D for all companies has increased by this amount of money.

The mode for both years is 0 dollar that is the most common value for expenditure in Health Care sector and this value originate from a simple insight that there are some sub sectors in health care like (Health Care Distributors - Managed Health Care - Health Care Facilities - Health Care Supplies) that don't spend money on R&D

Despite higher mean and median for the second year, but the standard deviation for first year is higher than the second by approx 87 millions which means the R&D expenditure in companies in the first year is characterized by more variability than the second year



The range of R&D (difference between max and min) for the first year is more than that of second year by approx 665 million dollars which indicates decline in maximum expending in the second year also it indicates a higher difference between the maximum and minimum value of R&D expenditure for the first year

