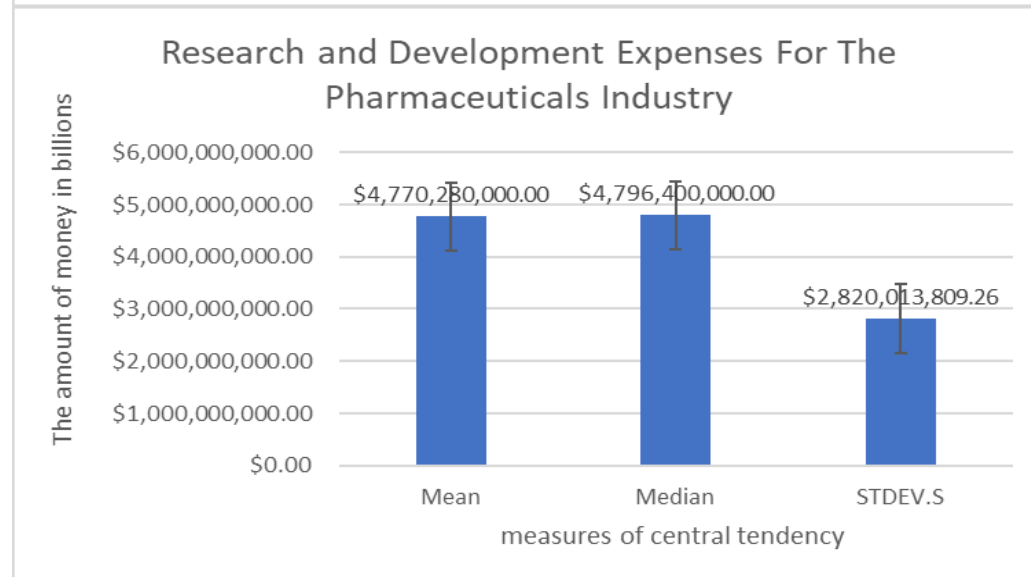
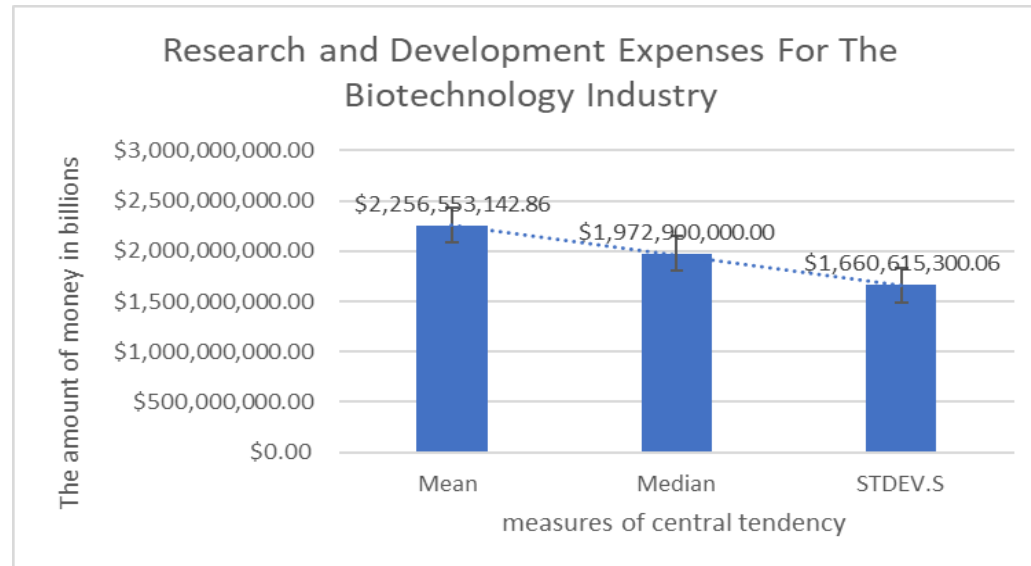


Visualization Insights Of New York Stock Exchange Data

GICS Sub-sector chosen : Biotechnology & Pharmaceuticals

Show the differences between the expenditure levels of R&D for the Biotechnology and Pharmaceuticals industries from the health care sector in their fourth year.



- Here are the histograms show the means and medians of R&D expenses for the two industries.
- The distribution for the biotechnology industry is positively skewed. That means The mean is higher than the median.
- For The Pharmaceuticals industry's distribution The skewed is negative which means the median is higher than the mean.
- The mean of the biotechnonlogy industry is about \$2.2 billion, The mean for The pharmaceuticals industry is slightly above the \$4.7 billion.
- The Median of The biotechnonlogy industry is slightly above \$1.9 billion and the median for for The pharmaceuticals industry is about \$4.8 billion.
- The Standard Deviation for The pharmaceuticals industry is slightly above \$2.8 billion and for The biotechnonlogy industry is slightly above \$1.6 billion.
- The Average of R&D expenses for the pharmaceuticals industry is almost The double of The biotechnology industry's average.