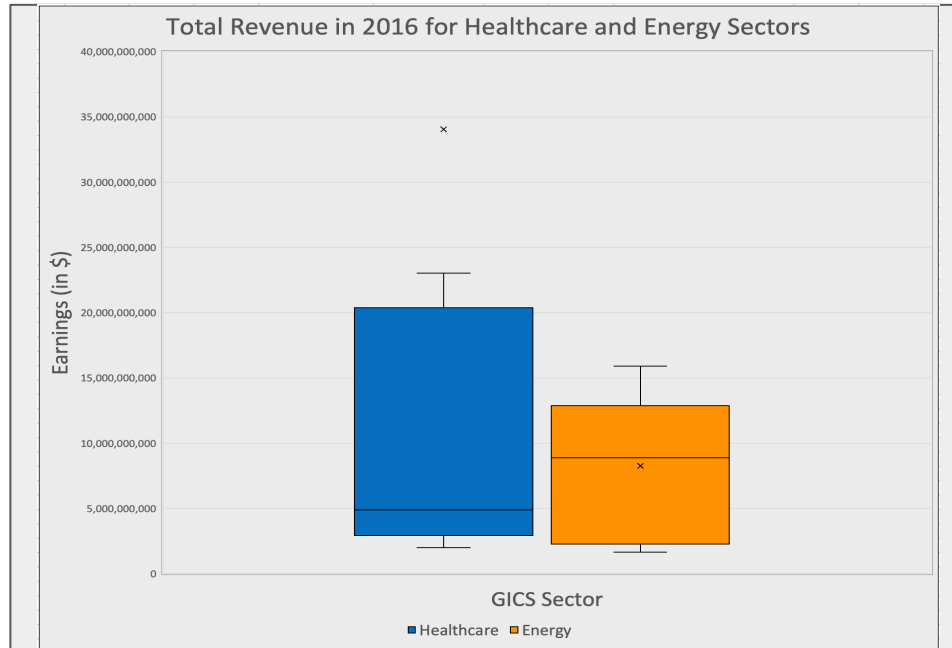


# NYSE Data

## Task 1

Buthainah Aldosary

# How do the earnings for the Healthcare and Energy sectors differ in year 2016?



Here are the boxplots for the total revenue for the Healthcare and Energy sectors in 2016. The Healthcare distribution is right-skewed which indicates that the mean is higher than the median. The Energy distribution is normal with skewness of 0, which indicates that the mean and median are very close in value.

The mean for Healthcare is about \$34 billion, and for Energy \$8 billion. The median for Healthcare is \$4.8 billion and for Energy doubles to \$8.8 billion.

The standard deviation for Healthcare is also more (\$60.2 billion for Healthcare and \$5.4 billion for Energy sectors). This indicates a higher variability in earnings for all Healthcare companies (*Outliers not plotted on chart*).

For the Energy sector, a low standard deviation (close to the mean) indicates that the data is normally distributed.