

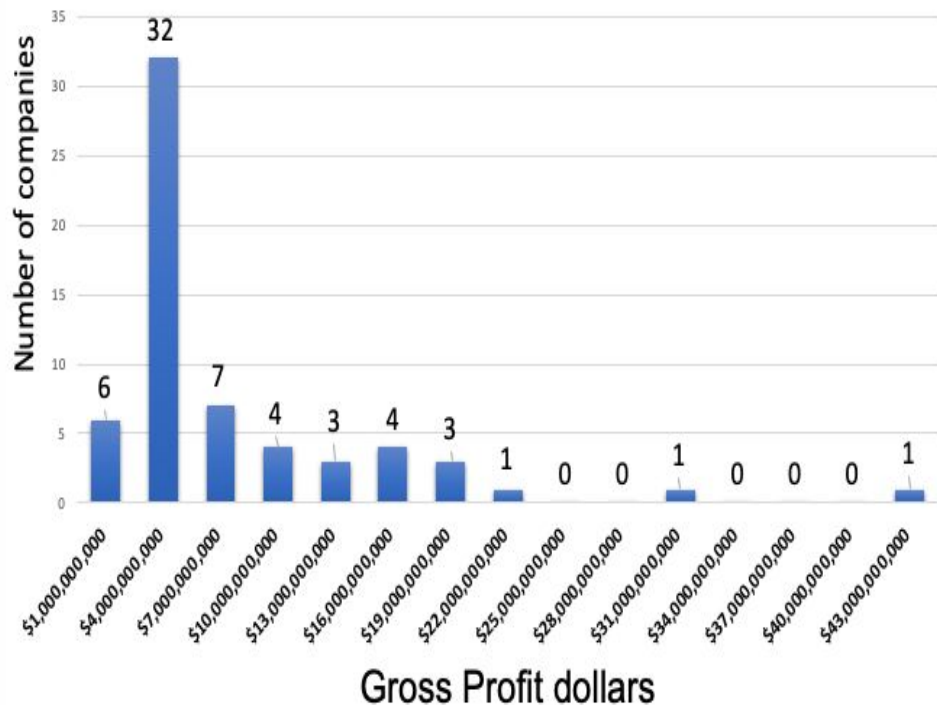
# PROJECT 2:

## Analyze NYSE Data

Business Analytics Nanodegree  
Program

# What is the spread of Gross profit for Industrial sector companies in Year 2?

**Gross Profit spread of Industrial companies in Year 2**



This is a histogram for the annual Gross profit spread for Industrial sector companies in Year 2.

The histogram is right or positively skewed which means that the mean Gross profit for Industrial firms in year 2 is higher than the median.

The mean of Gross profit for industrial companies is about 6,091 billion in year 2. The median is 2.2 times less than mean and value is \$ 2,757 billion. The most frequent Gross profit for 32 Industrial companies, was between \$1- 4 billion in analysed period.

The Standard deviation of Gross profit for Industrial firms is about \$ 7,564 billions which is higher than mean and indicates that the values are spread out over a large range (about \$ 41,025 billion). The skewness can be explained by the presence of 3 Industrial companies with Gross profit more than \$19 Billion in Year 2.