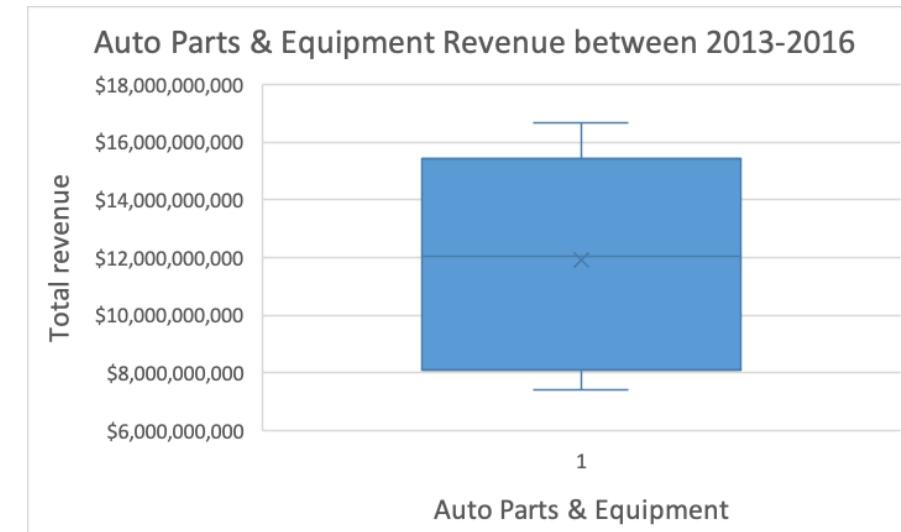


Analyze NYSE Data

Asma Al Sulaimani

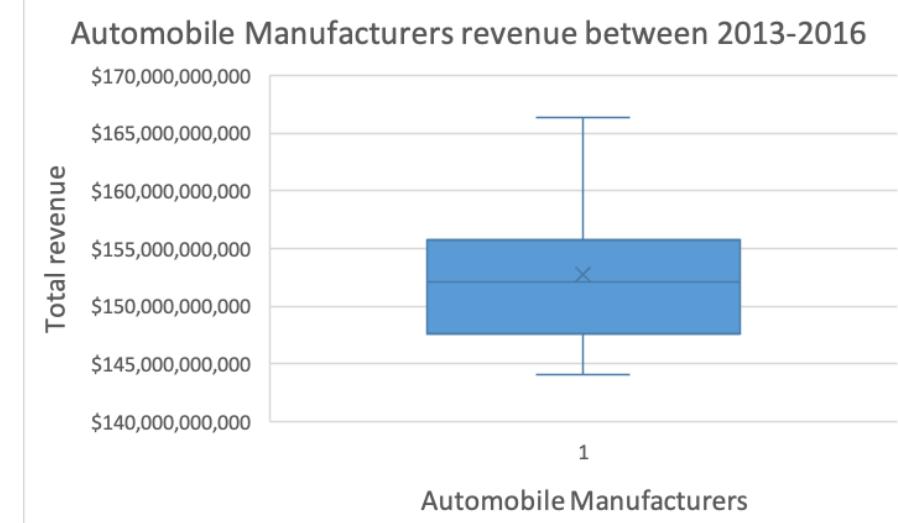
Auto Parts & Equipment Revenue between 2013-2016

- The box plot shows the revenue of Auto Parts & Equipment industry between 2013-2016. We can see that the mean of the industry revenue is slightly less than the median and equals to \$11,901,487,500 while the median equals \$12,061,000,000. Because these two values are so close, we can assume that this data is slightly negative skewed. The standard deviation here equals to \$4,001,553,182. We can calculate the value of the range of revenue by subtracting the minimum value (\$7,436,600,000) from the maximum value (\$16,661,000,000) and we'll end up with \$9,224,400,000.



Automobile Manufacturers revenue between 2013-2016

- The box plot shows the Automobile Manufacturers revenue between 2013-2016. We can see that the mean of the industry revenue is a bit more than the median and equal \$152,805,500,000 were the median equal \$152,078,000,000 which mean that this graph is right skewed. The standard deviation here equals \$6,798,277,575 which mean that the range in our data is extremely high. Range can be calculated by subtracting the minimum value (\$144,077,000,000) from the maximum value (\$166,380,000,000) and we'll end up with \$22,303,000,000.



Does the auto parts & equipment industry employ revenue as much as the automobile manufacturers industry between 2013-2016 ?

- ❖ The graph shows that the total revenue spent for automobile manufacturers industry is way more than the total revenue spent for auto parts & equipment industry. We can also tell that the spread of Automobile manufacturers is higher than the spread of Auto parts & equipment.

