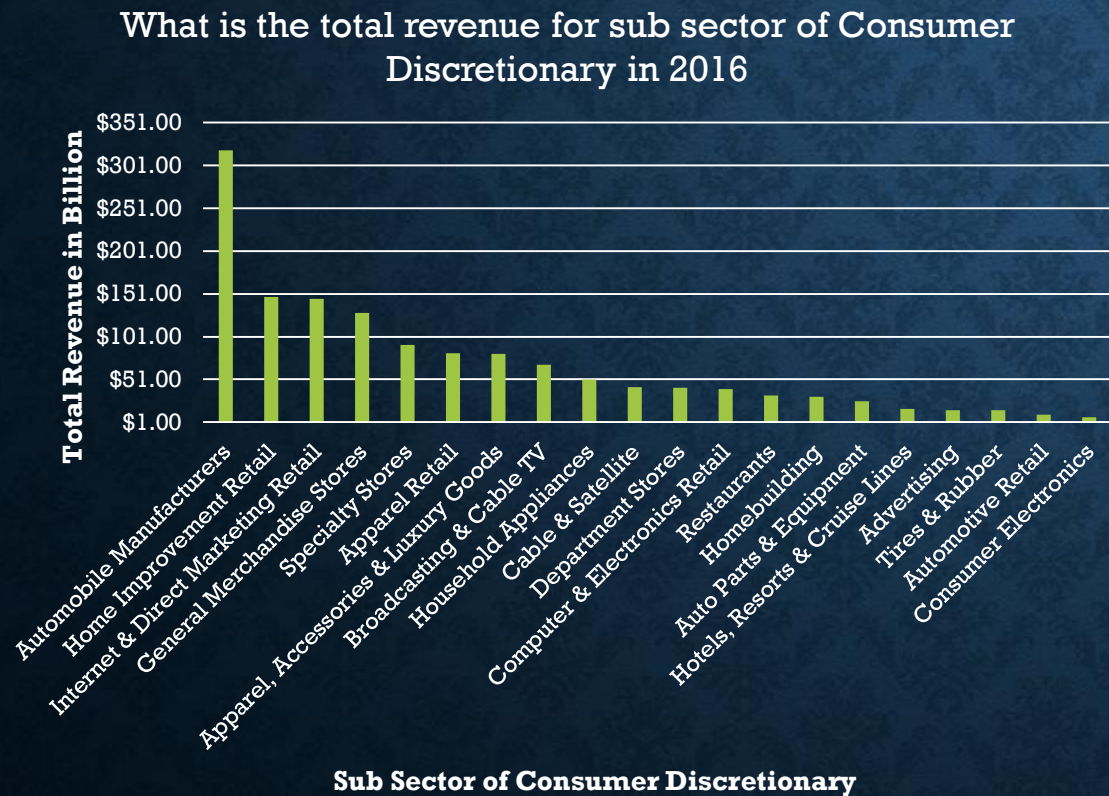


BUSINESS ANALYTICS

Project 2

By Abdulkarim Alanazi

WHAT IS THE TOTAL REVENUE FOR SUB SECTOR OF CONSUMER DISCRETIONARY IN 2016?



- As we can see in the chart the shape of the data is right skewed. The question that I want to answer is what is the total revenue for sub sector of Consumer Discretionary in 2016. Which was the Automobile Manufacturers. Since the data is right skewed we can tell the mean is larger than the median, the mean is \$24,331,680,632 and the median is \$12,157,400,000
- With standard deviation of \$34,658,471,595 in this case the standard deviation and the mean are not reliable since the data is positively skewed distribution. The best measure for the right skewed is median and interquartile. The first quartile is \$7,169,250,000 and the third quartile is \$21,187,450,000. Which gives the Interquartile range of \$ 14,018,200,000.