

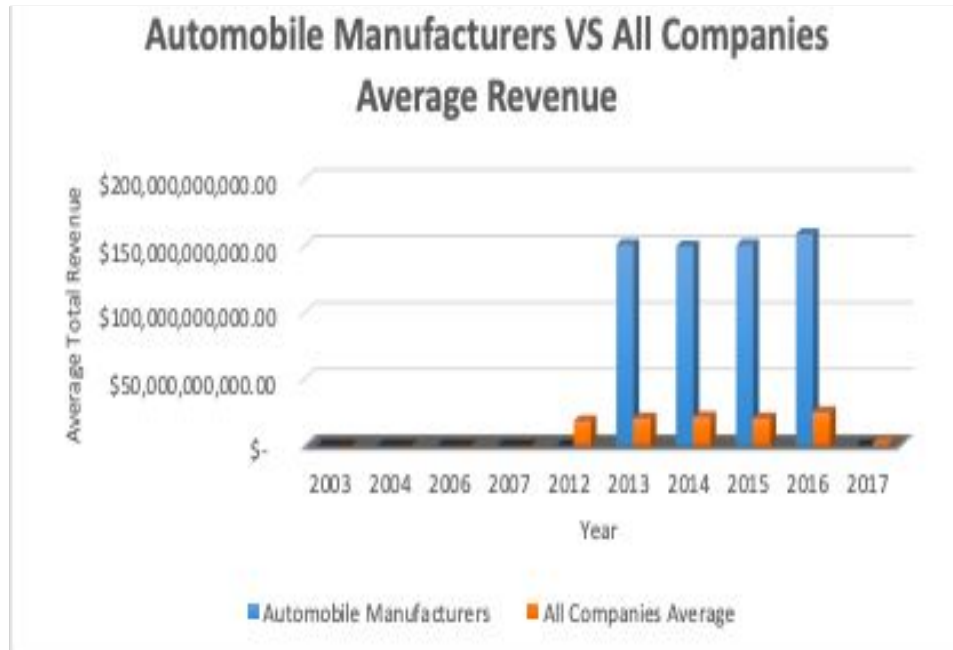


BUSINESS ANALYTICS

Analyze NYSE Data

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Gautam

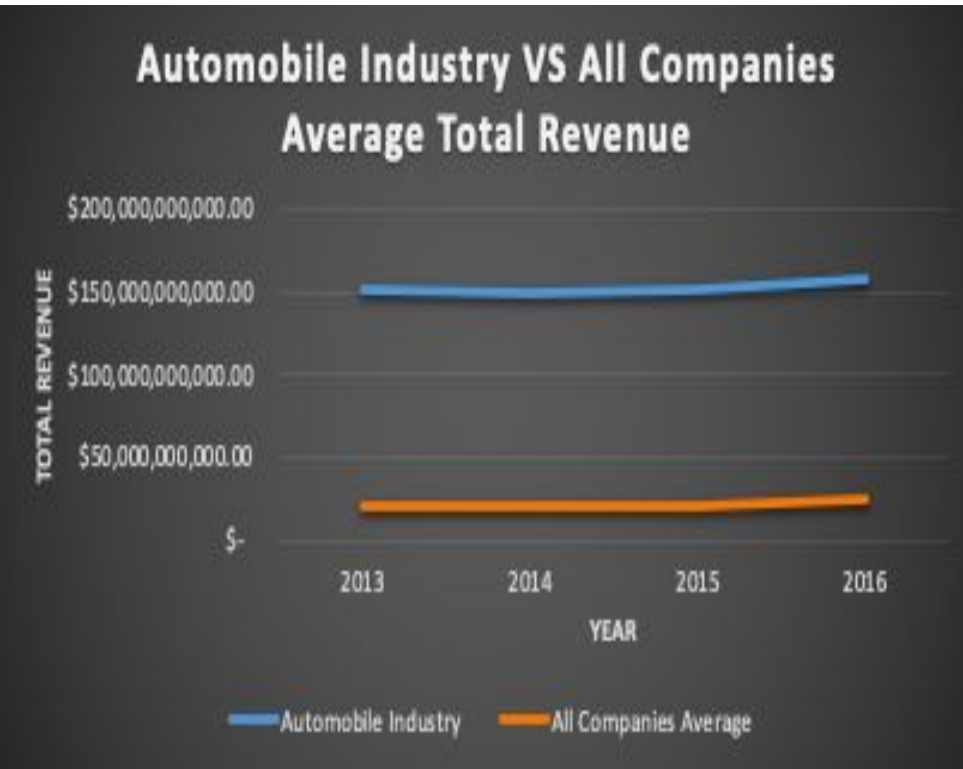
How much Revenue does the Automobile industry spend in comparison with other industries?



The chart indicates the 'Average Total Revenue' spent by the 'Automobile Manufacturing industry' and compares it with 'Other companies in other industries'

- Explanation is followed on the next slide

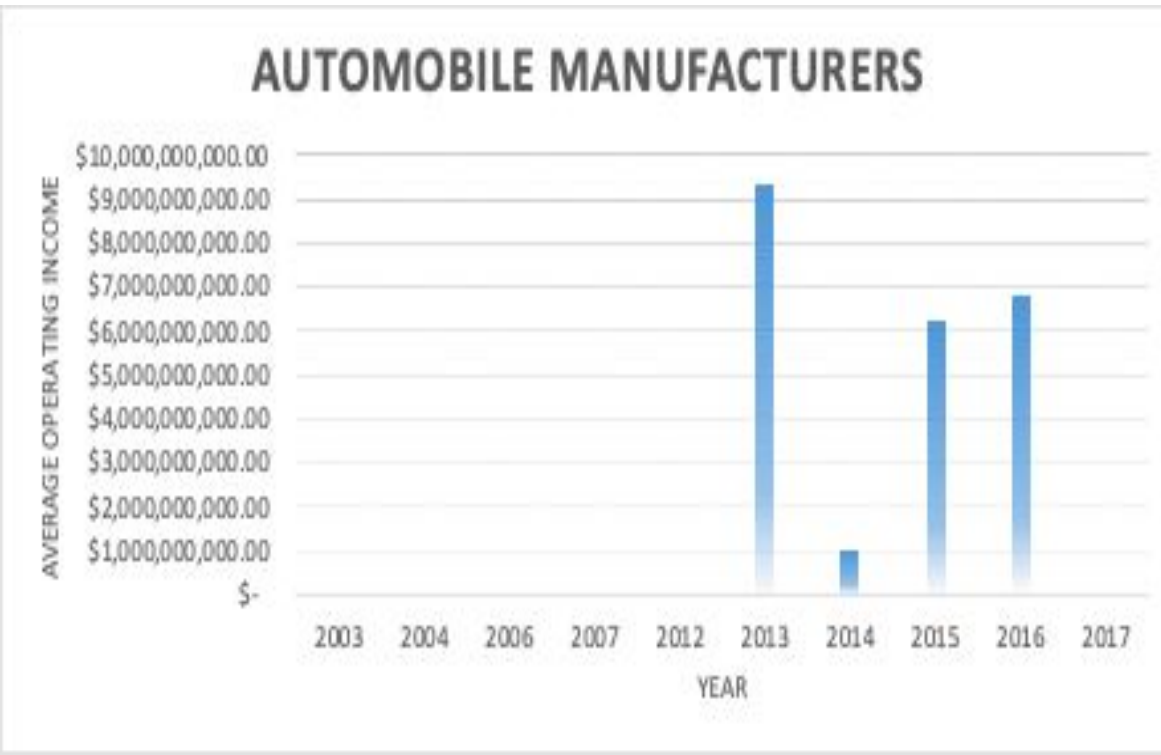
Explanation



The line graph depicts that the mean total revenue spent by the 'Automobile Industry' is much higher compared to all the other industries.

Between 2013 and 2016, the Automobile Manufacturing industry spent \$152805.5 million dollars while on an average other industries has only spent \$21822.5 million dollars. This indicates that the manufacturing industry require huge revenue in the business model.

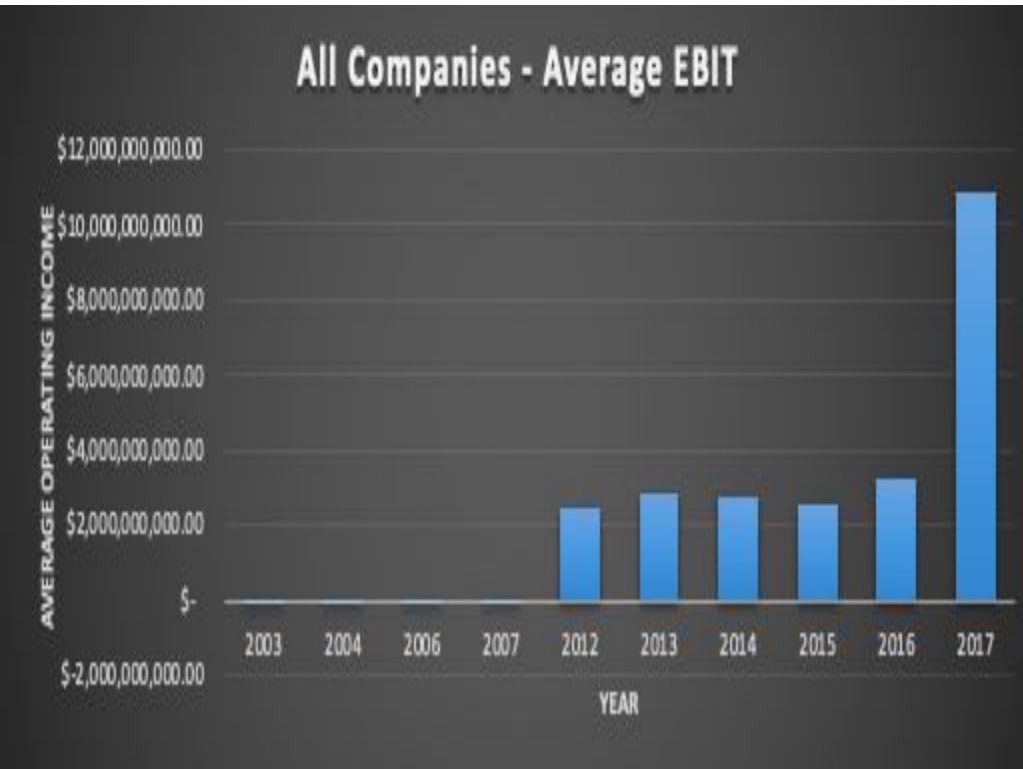
Does the Automobile industry earn more operating profits because of their higher revenue?



Standard Deviation	3510010185.17
Skewness	-1.11
Range	8353500000.00

The diagram indicate that the Automobile histogram is right skewed and it also has a higher standard deviation and range than other industries

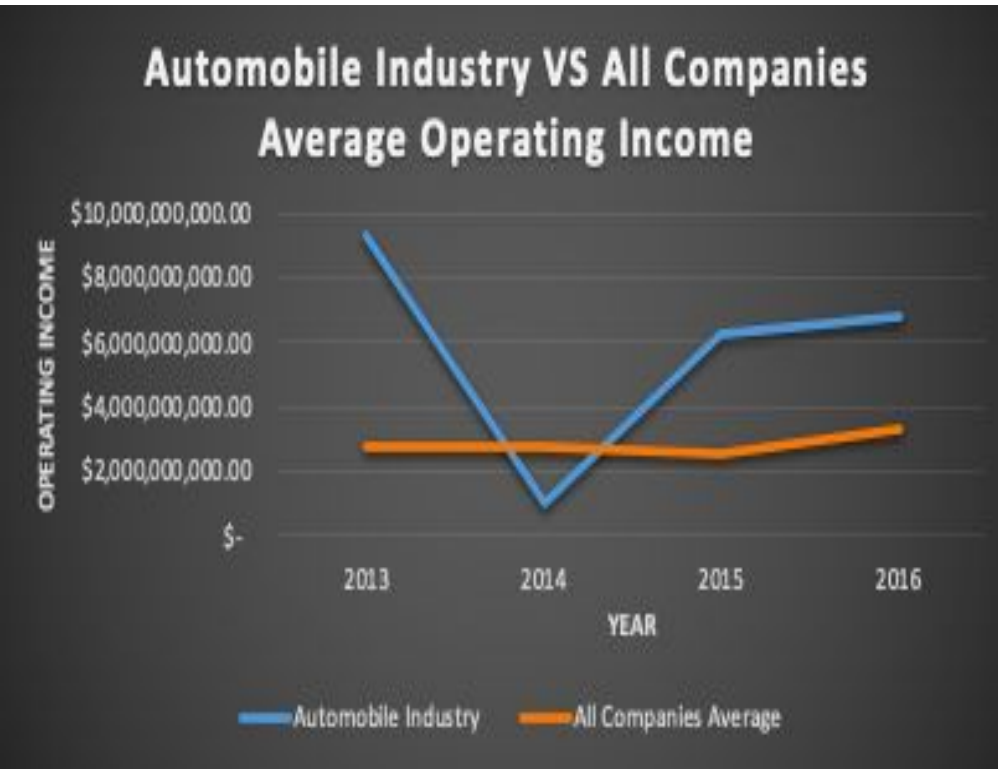
Does the Automobile industry earn more operating profits because of their higher revenue?



Standard Deviation	295928608.11
Skewness	1.09
Range	7068699437.45

The histogram for All Companies - Average EBIT shows that it is left skewed and the standard deviation and range for All companies is lower than the automobile industry

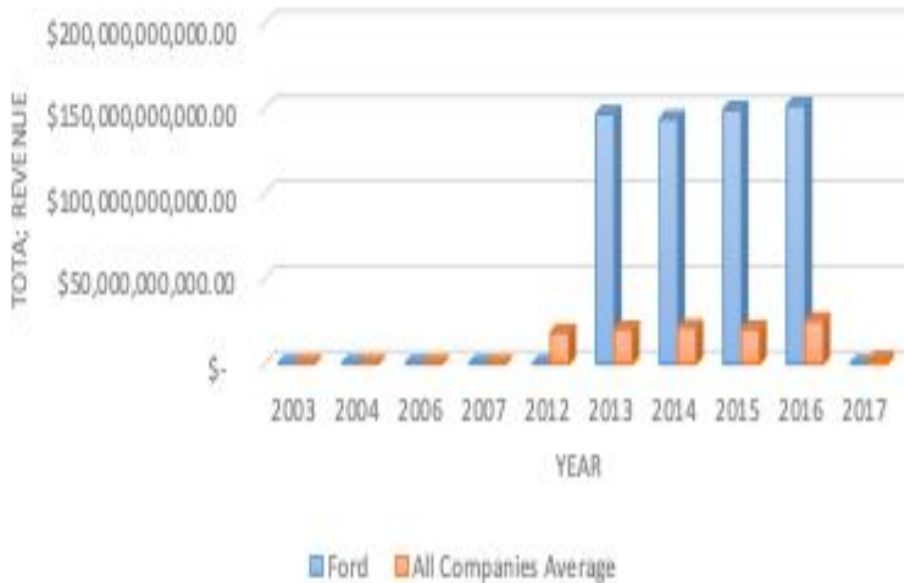
Explanation



From the line graph, it is clear that the 'Automobile industry' earns an average (Mean) operating income of \$5859.5 million dollars, while other companies from different industries earn \$2853.5 million dollars on an average between 2013 to 2016. This evaluation projects a good business model structure and healthy growth for the future.

Does Ford company earn more profits compared to its competitors?

Ford VS All Companies
Average Revenue



Ford: 148088 million dollars

General Motors: 21822 million dollars

AVERAGE
+678%

Does Ford company earn more profits compared to its competitors?

Ford VS General Motors



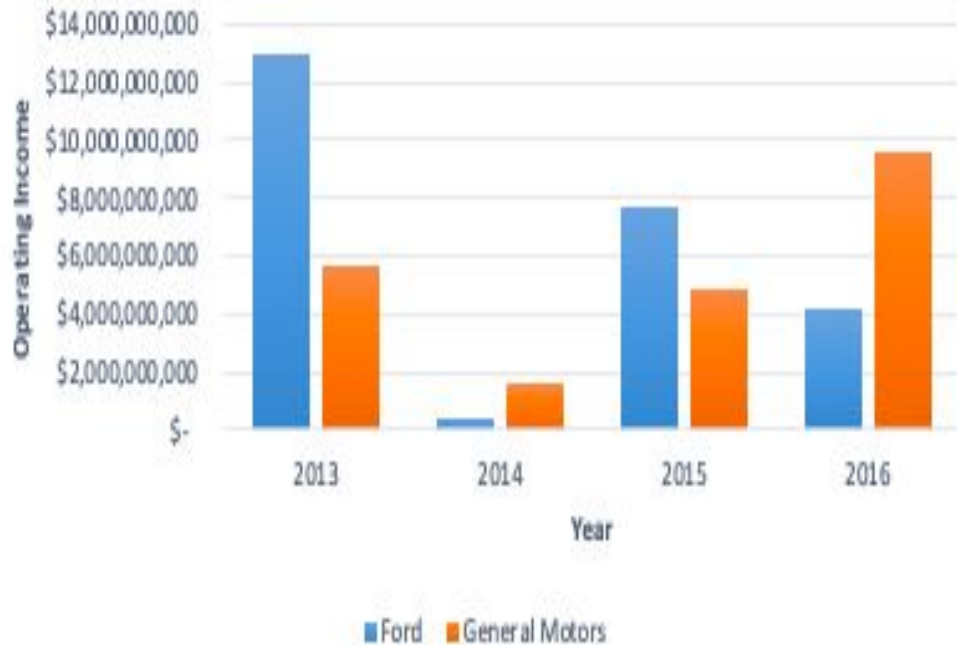
Ford: 148088 million dollars

General Motors: 157523 million dollars

MEAN TOTAL
REVENUE
-5%

Does Ford company earn more profits compared to its competitors?

Ford VS General Motors



Ford: 6278 million dollars

General Motors: 5441 million dollars

MEAN OPERATING
INCOME
15%

Explanation

From the histogram comparison and descriptive statistics, it is clearly evident that Ford company earns more profits than any other company within the Automobile industry. This gives the company a significant advantage in its future business growth

\$ 48088 million in
Average Revenue

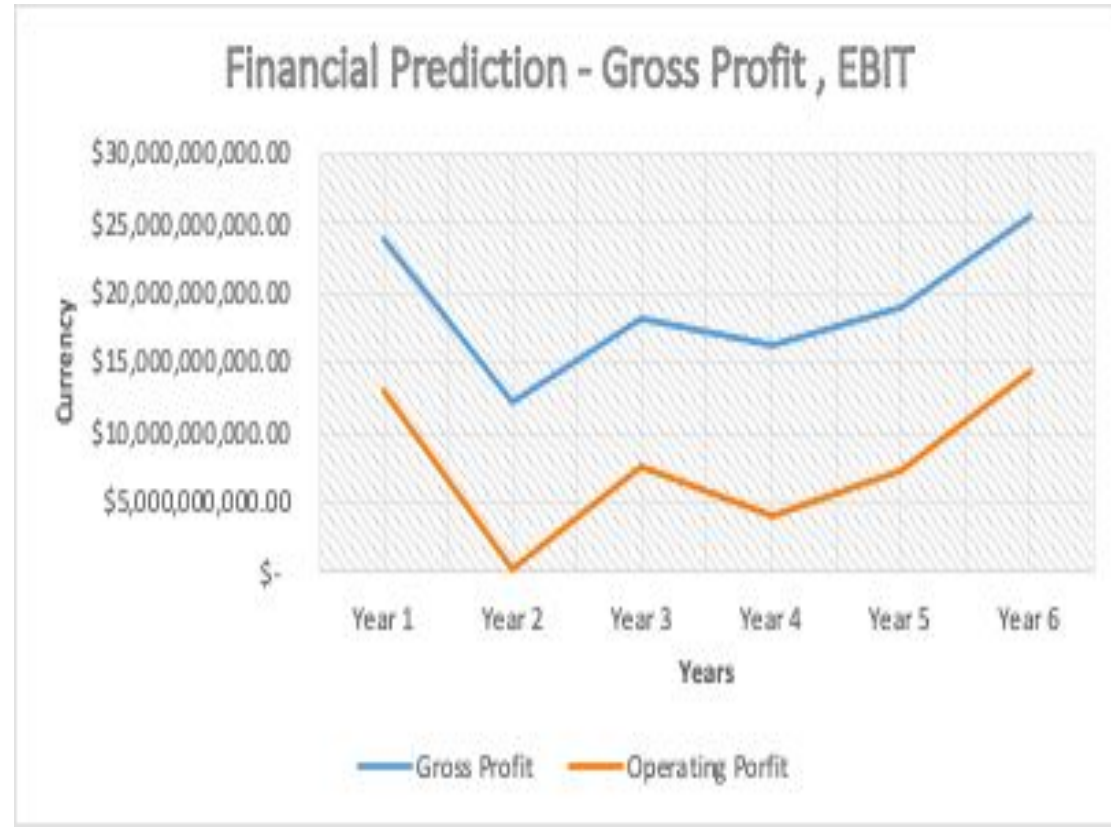
\$6278 million in
Mean Operating
Profit

Year	Revenue Growth
2014	2%
2015	+4%
2016	+1%
2017	+3%

Statistics & Financial Analysis

Summary Statistics

Mean	6278000000.00
Median	5881500000.00
Mode	#N/A
Standard Deviation	5394980444.82



The background features a dark blue gradient with several translucent, glowing blue wavy lines that flow horizontally across the frame. These lines vary in amplitude and frequency, creating a sense of motion and depth. The lines are composed of many thin, parallel paths that overlap and intersect, giving them a mesh-like or wireframe appearance.

THANK YOU

Any Questions?