

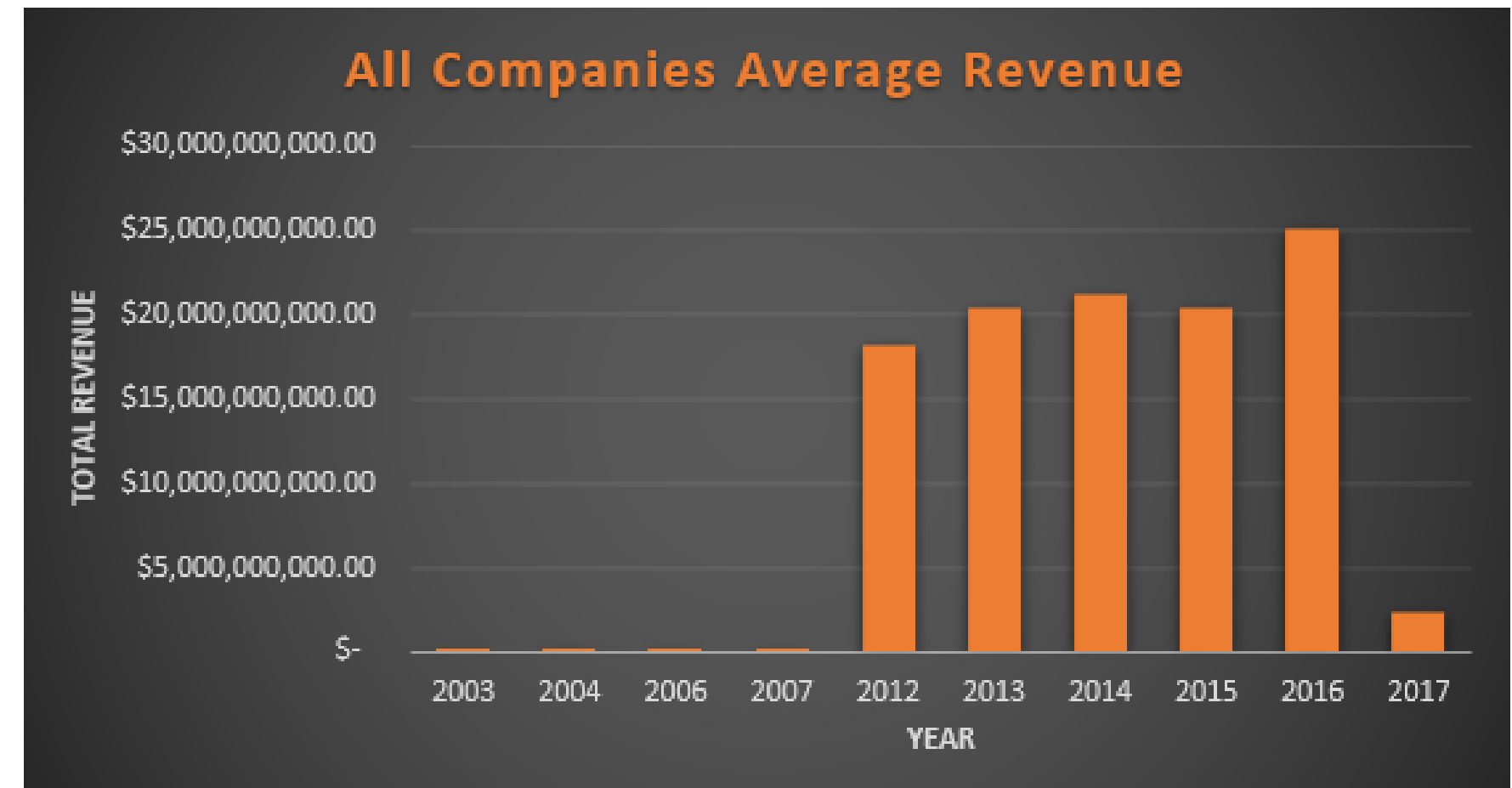
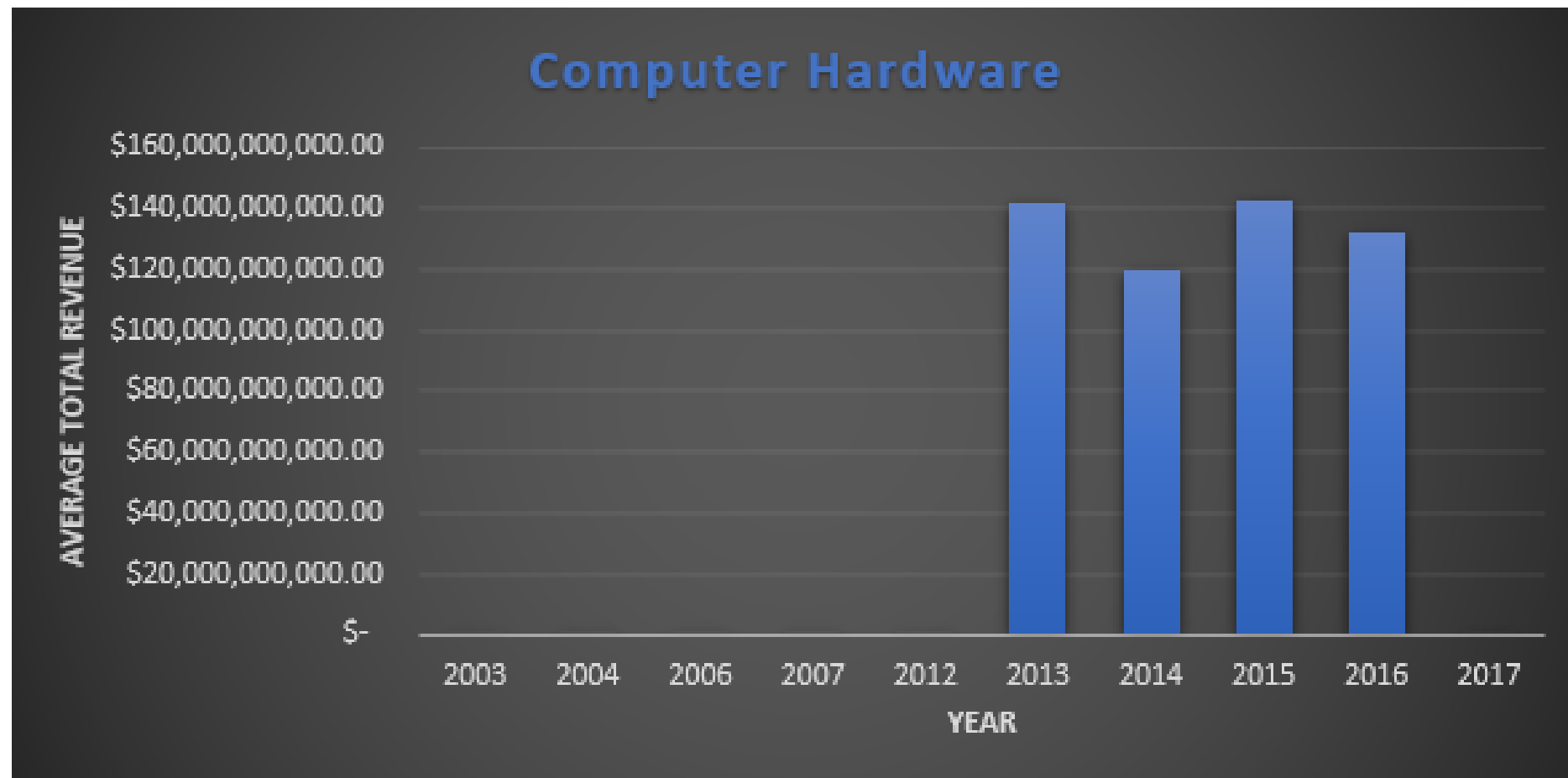
# Analyze NYSE Dataset

Idris Darmawan Pane

01



# 02 Q: Does Computer Hardware Industry spend as much Revenue as every other industry?



The above-clustered column charts indicate "Average Total Revenue" spent by Computer Hardware Industry and "All company related to all industries"



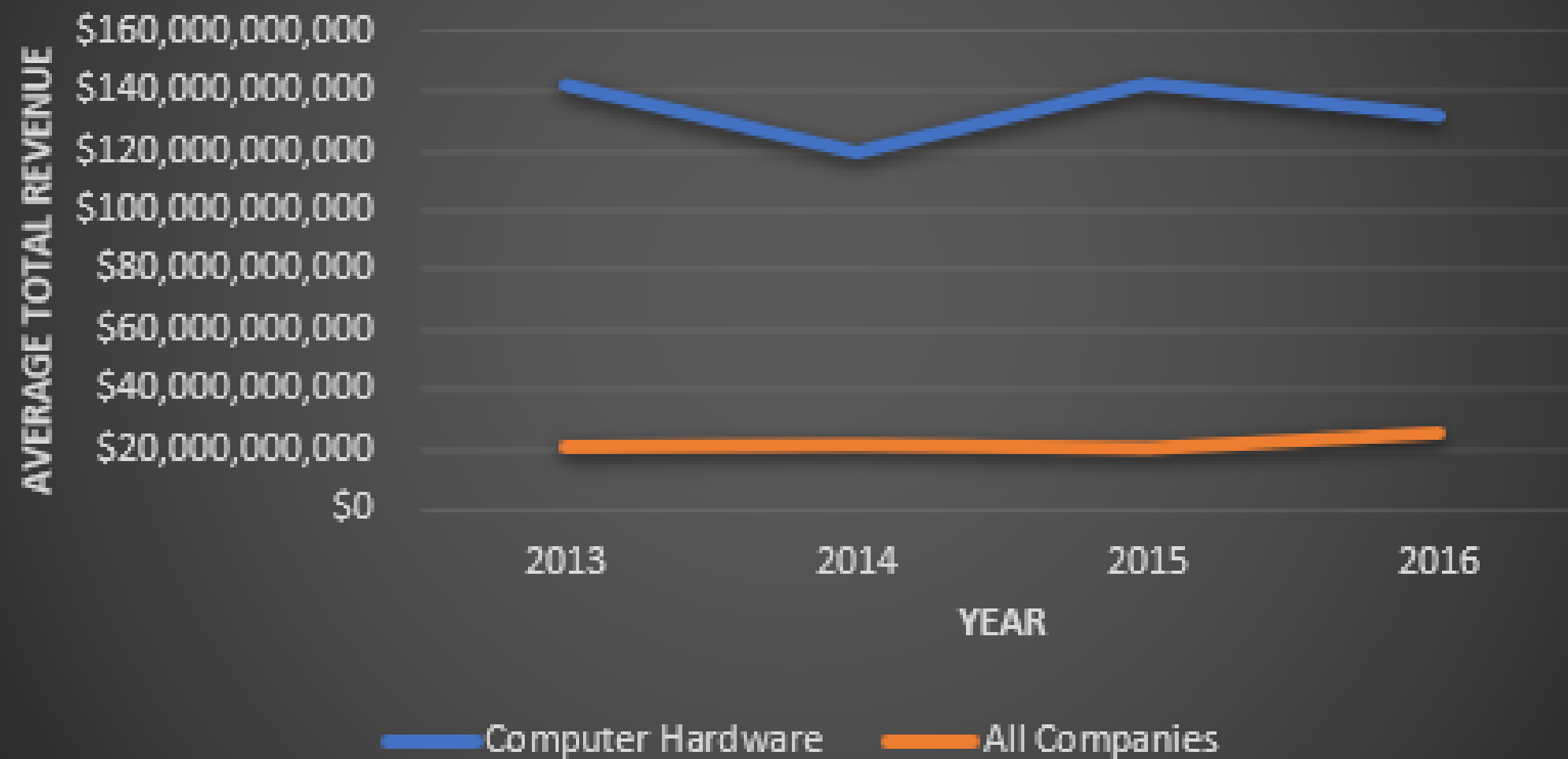


# EXPLANATION

This line graph indicate that the mean total revenue spent by "Computer Hardware" Industry is much higher compared to all of the industries

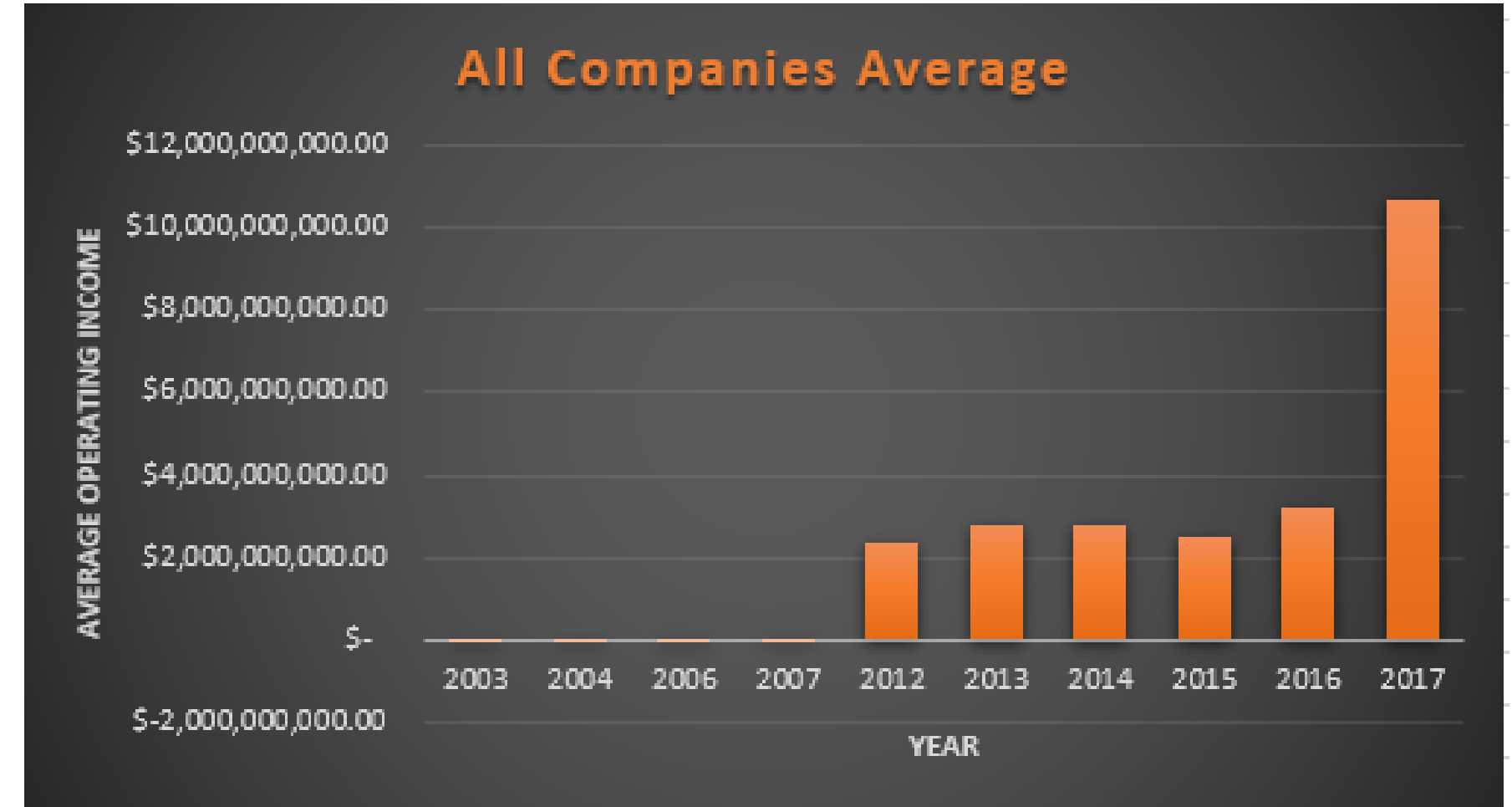
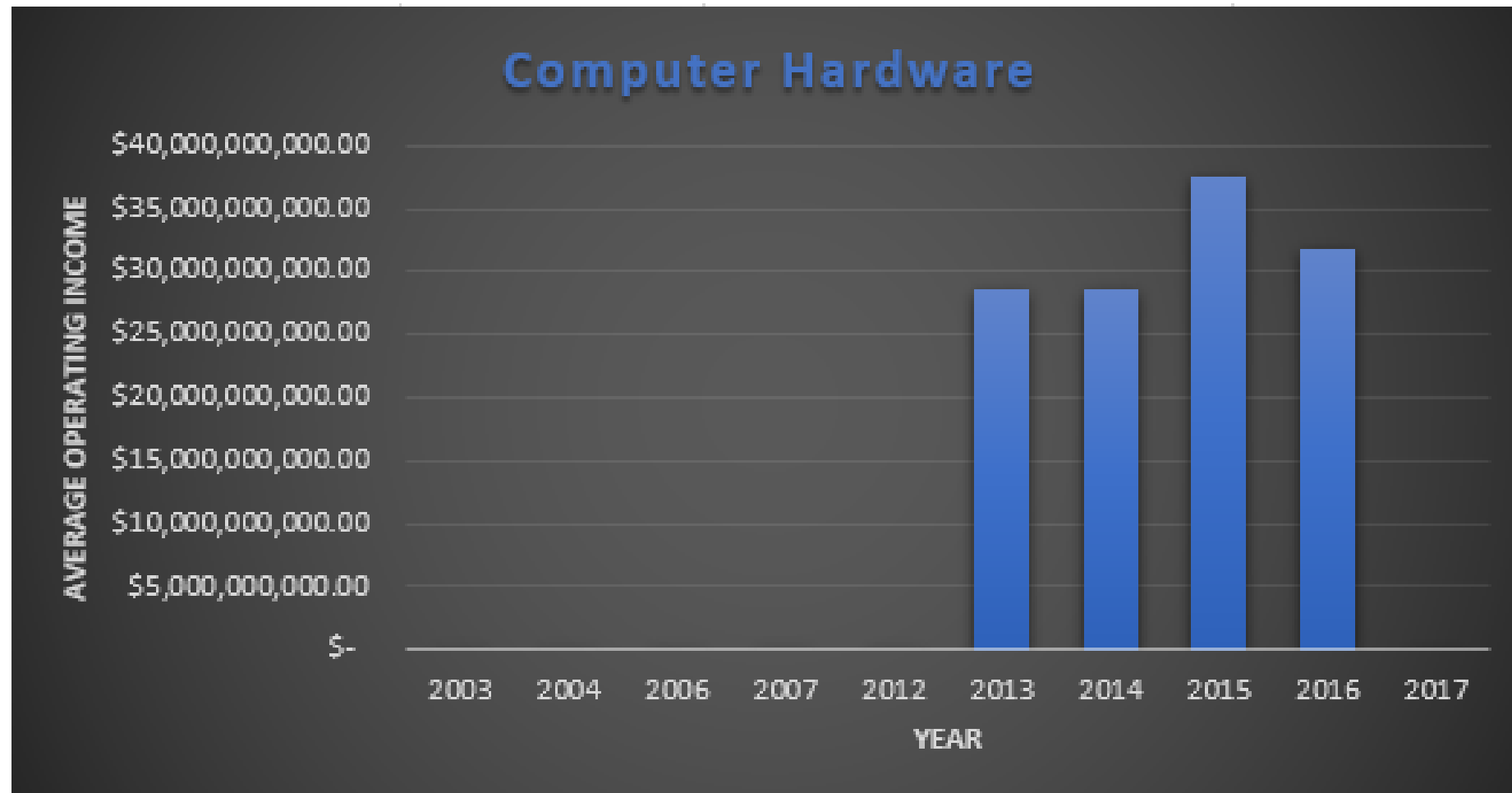
In the duration between 2013-2016 on an average "Computer Hardware" industry spent 133963.625 Million Dollars, while on average every industry spent 21709310.177 Million Dollars while the standard deviation and range from every industry is bigger than "Computer Hardware" industry. This indicate, that the "Computer Hardware" industry have a higher average of total revenue than all companies and the values is much spread out on all companies than "Computer Hardware" industry

**Computer Hardware VS All Companies**  
**Average Total Revenues**





# 04 Q: Does Computer Hardware Industry incur more operating profits because of higher revenue?



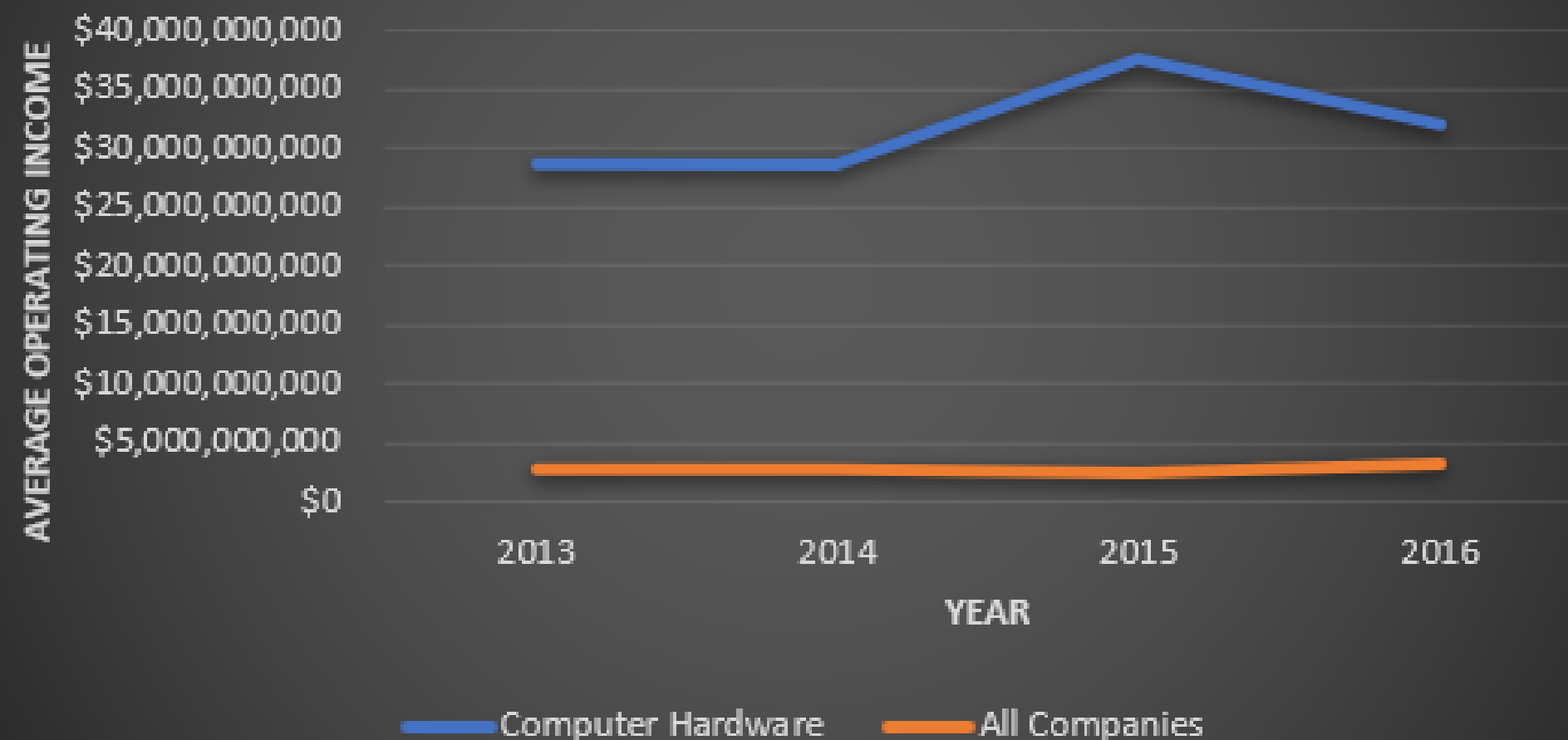
The above-clustered column charts indicate that the Computer Hardware chart is right-skewed while the rest of the companies is left-skewed because the median is bigger than the mean. Also, Computer Hardware industry has a higher standard deviation than all companies average, which indicates increase in operating profits on the timeline





# EXPLANATION

## Computer Hardware VS All Companies Average Operating Income



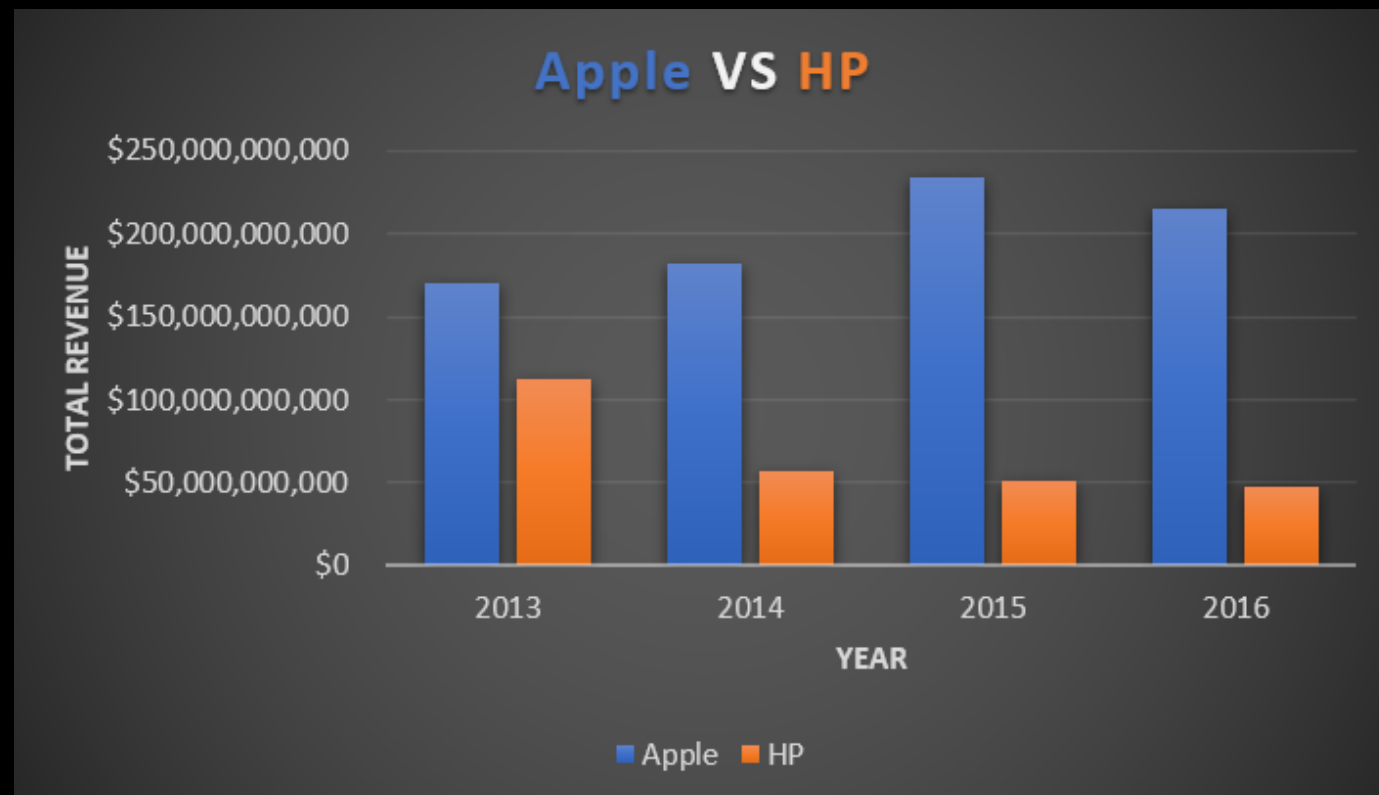
This line graph indicates that the "Computer Hardware" earns an average operating income of 31,633,500.0 Million Dollars while all other companies earn 24,268,18.153 Million Dollars on an average between 2013-2016. This indicates that the question is true: the Computer Hardware Industry incurs more operating profits because of higher revenue.

06

Q: Does Apple company earn more profits compared to HP company?

## Mean Total Revenue

198.92%

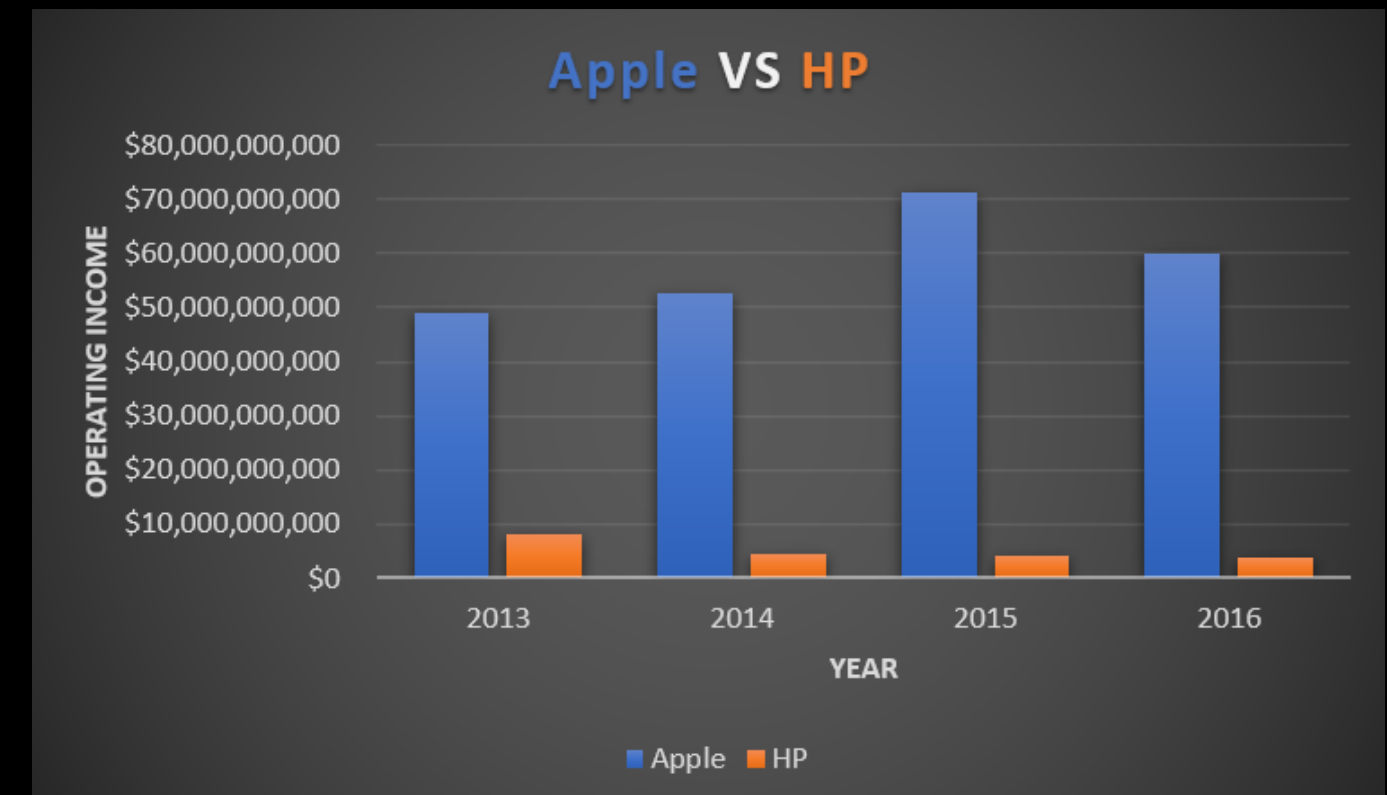


Apple = 200764750 million dollars

HP = 67162500 million dollars

## Mean Operating Income

1045.90%



Apple = 58189000 million dollars

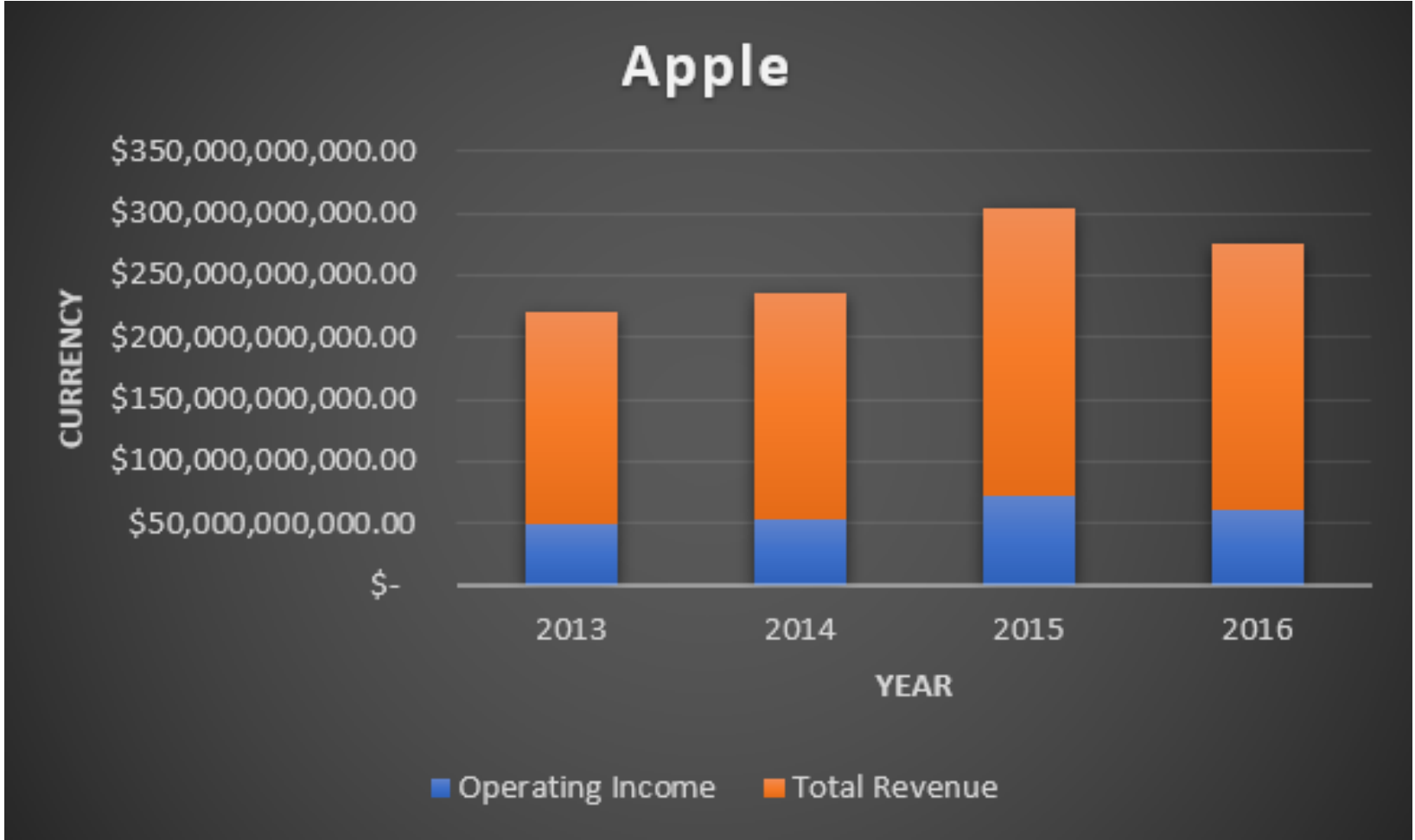
HP = 5078000 million dollars

From the clustered column chart comparison and descriptive statistics, it is evident that the “Apple” company earns more profits than "HP" company, this gives the company an advantage in future business growth.

**\$ 200764750 Million**  
Average Revenue

**\$ 200764750 Million**  
Mean Operating Profit

Summary Statistics	
Mean	58189000000.00
Median	56263500000.00
Mode	#N/A
Standard Deviation	9835676590.86





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THANK YOU

