

# Analyzing Data for New York Stock Exchange



# How do IT Consulting & Other Services GICS subcategories Revenue differ from Application Software GICS subcategories Revenue?

In comparison to the Application Software Industry, the IT Consulting Industry generates much higher revenues (\$3,607,415,375.00 & \$35,783,968,928.57), which indicates the Application Software Industry is much lower in value than the IT Consulting Industry, and Extreme Values have a large impact as well, as can be seen from the Histogram Chart.

In IT consulting, the revenue difference between min and max is too big, which means the range is higher (\$98,804,254,000.00), whereas in application software Industry, the revenue difference between min and max is very small, which means the range is lower (\$4,632,100,000.00). Therefore, IT consulting & other services revenue has more outliers.

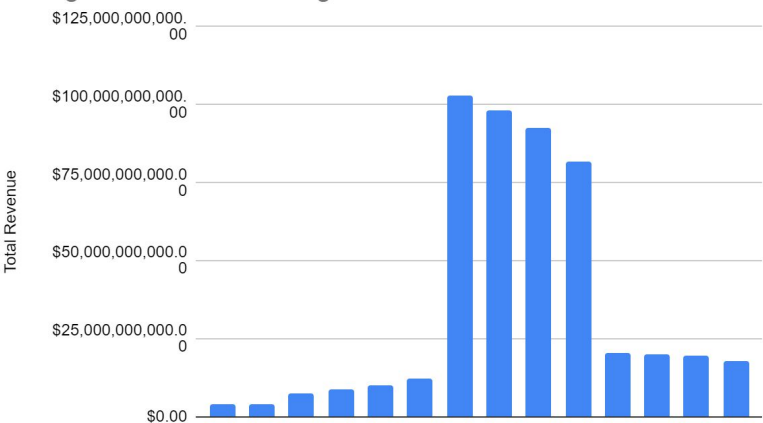
The mean revenue for IT consulting and other services is higher than the median. Thus, we have a positively skewed histogram. In contrast, Application Software Revenue has a relatively small difference between the mean and median, so we can say that this gives us a symmetric histogram chart. IT Consulting & Other Services revenue standard deviation is much higher than that of Application Software revenue ( $3804576833 > 1361663068$ ). Since the standard deviation is also a spread measure, we can see from the standard deviation that the number of companies in the IT Consulting and Other Services Industry is much larger than that of the Application Software Industry.

Conclusion: Based on the Histogram Chart and Summary of Statistics, I can conclude that the **IT Consulting and Other Services Industry is highly influential and has more outliers**. We can find a **symmetric histogram chart for Revenue of Application Software Industry**.

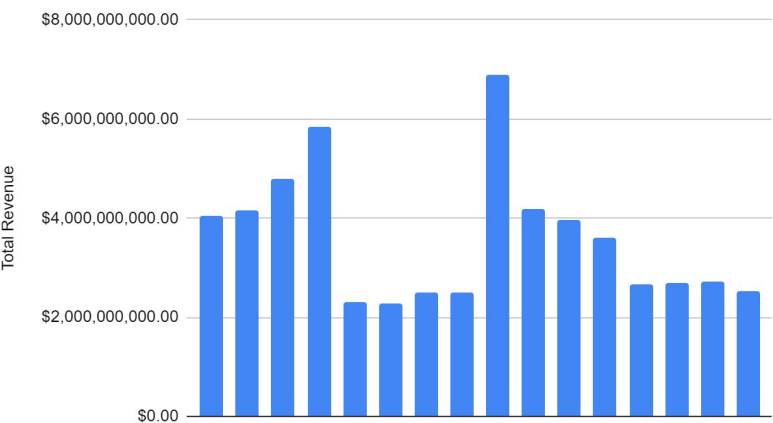
**Link for the more details:**

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Histogram for IT Consulting & Other Services



Histogram for Application Software



	IT Consulting Other Services	Application Software
min	\$4,069,746,000.00	\$2,273,900,000.00
max	\$102,874,000,000.00	\$6,906,000,000.00
mean	\$35,783,968,928.57	\$3,607,415,375.00
median	\$18,792,500,000.00	\$3,166,000,000.00
range	\$98,804,254,000.00	\$4,632,100,000.00
std	38804576833	1361663068