

NYSE Data Project

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By
Sid Noonari

Question

Where should traders invest in: Energy sector or I.T sector?



Gross Profit comparison summary

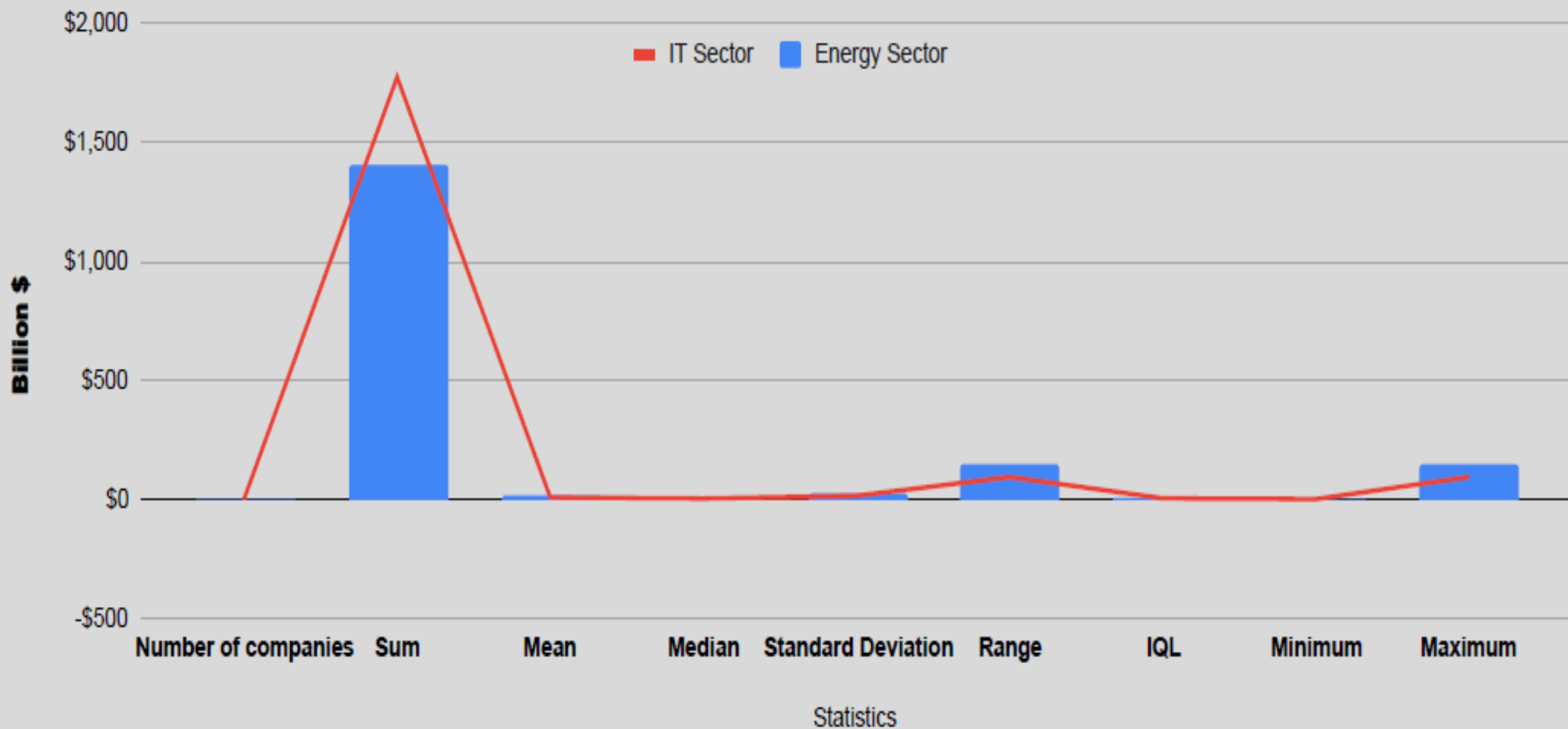
- ❖ Here is the combo chart comparing & analyzing the average gross profit of 124 Energy sector companies with 230 Information technology companies from 2012 to 2016. We can see that the MEAN average of energy sector companies is (\$11.4B) which is more than the IT sector (\$7.7B).
- ❖ Both distributions are right-skewed: the MEAN of each distribution is higher than the MEDIAN.
- ❖ The standard deviation for energy sector companies is (\$23.792 B) is larger than IT sector (\$14.428B). This indicates that total gross profit for energy sector is more disperse and has more variability in relation to the mean capared to the total gross profit of IT sector
- ❖ In comparison with the IT sector, the RANGE of the gross profit for the energy sector is much higher (\$149,585,000,000 to \$93,221,073,000) which indicates larger differences between campanies in energy sector than those in IT sector.
- ❖ Based on statistics, the energy sector sounds more recommended to traders for future investment.

[Link to the Data Presented](#)

Statistics

Statistics	Energy Sector	IT Sector	Delta
Number of companies	124	230	106
Sum	\$1,407,931,226,000	\$1,774,705,055,000	\$366,773,829,000
Mean	\$11,478,821,575	\$7,716,108,935	\$3,762,712,640
Median	\$4,185,022,500	\$2,834,600,000	\$1,350,422,500
Standard Deviation	\$23,792,869,628	\$14,428,795,523	\$9,364,074,105
Range	\$149,585,000,000	\$93,221,073,000	\$56,363,927,000
IQR	\$8,837,689,250.00	3702000500	\$5,135,688,750.00
Minimum	-\$132,000,000	\$404,927,000	\$536,927,000
Maximum	\$149,453,000,000	\$93,626,000,000	\$55,827,000,000

Energy Sector and IT Sector



Thank You