

How does the research and developemnt vary among the two IT sectors?

It seems that the total mean investment for FB (\$ 3,704,000,000.00) is higher compared to the total mean for EABY (\$ 983,750,000.00). It looks like FB is investing almost 4 times more in Research and Development then EBAY.

Because FB investments are skewed to the left we can also see that the mean (\$ 3,704,000,000.00) is sligtly smaller than the median (\$ 3,741,000,000.00), meaning the distribution is negative. Looking at the EBAY investments the mean (\$ 983,750,000.00) is higher then the median (\$ 953,000,000.00) which makes it positively skewed.

Judging by the standard deviation for FB (\$ 2,037,951,095.26) and EBAY (\$ 91,983,241.23), the difference shows that there is a higher variability in EBAY Research & Development investments. It seems that is a less stable orientation of investment in the R&D for EBAY rather than FB. Based on the range of investments (result of the difference between the minimum and maximum) for FB(\$ 4,504,000,000.00) and EBAY (\$ 199,000,000.00) makes us understand that EBAY is quite spred out in terms of Research and Development investments compared to FB which is more consistent

