

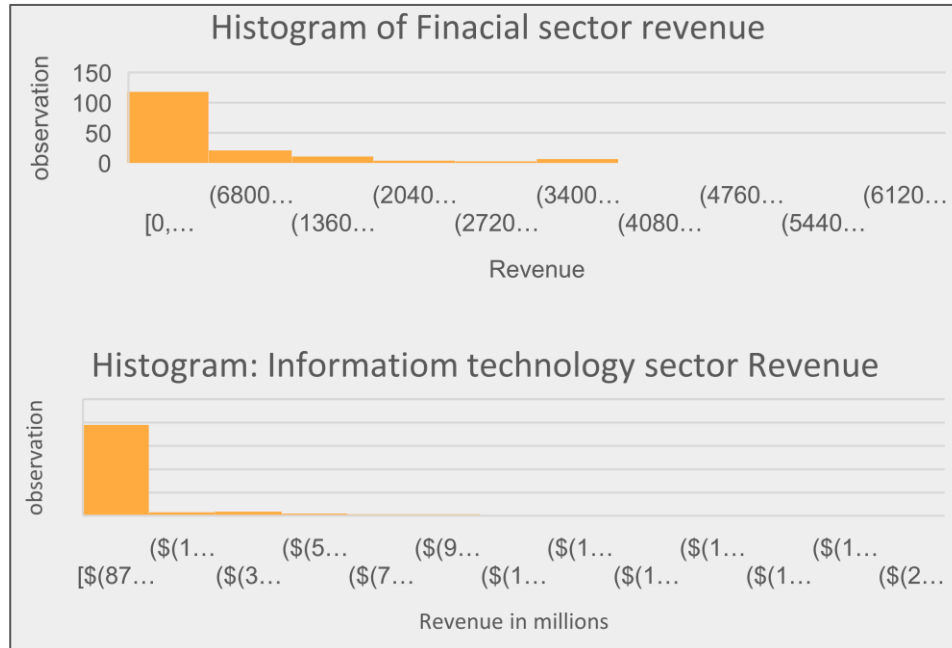
# How do Financial and information technology sectors differs in terms of revenue

In comparison with the financial sector, range of revenue of information sector is much larger (\$232,841,408,000.00 to 100409423000.00), which means there are larger difference between companies in the financial sector than those in the information technology sector. The standard deviation of the information technology is also larger than that of the financial sector (31996965283 to 26341693365). Since the standard deviation is also a spread measure and we can see from the standard deviation that the companies spread in the IT sector is much larger than that of the financial sector. *The standard deviation is 15 for the total revenue of IT companies, which means there is a high variability in total revenue for IT companies. The IT sector has a higher range of 100409423000.00 compared to the financial sector.* It is clear that the IT sector is more spread than the financial sector.

Both sectors histogram are right skewed with most companies in the first column. but the financial sectors histogram appears closer to the normal distribution. The mean and median of IT sector is larger than financial sector that means IT sector have more extreme values than financial sector. The IT sector has a higher mean (186835183565.22 )

However, based on the median financial sector revenue is less than the IT sector.

# Analysis GICS sector data



	Financial Revenues	Information Technology
Standard Deviation	26422372553	32066751550
Max	127061000000.00	404625000000.00
Min	26651577000	171783592000.00
Range	100409423000.00	232841408000.00
Mean	46189589774	186835183565.22
Median	35739126500	175949000000.00