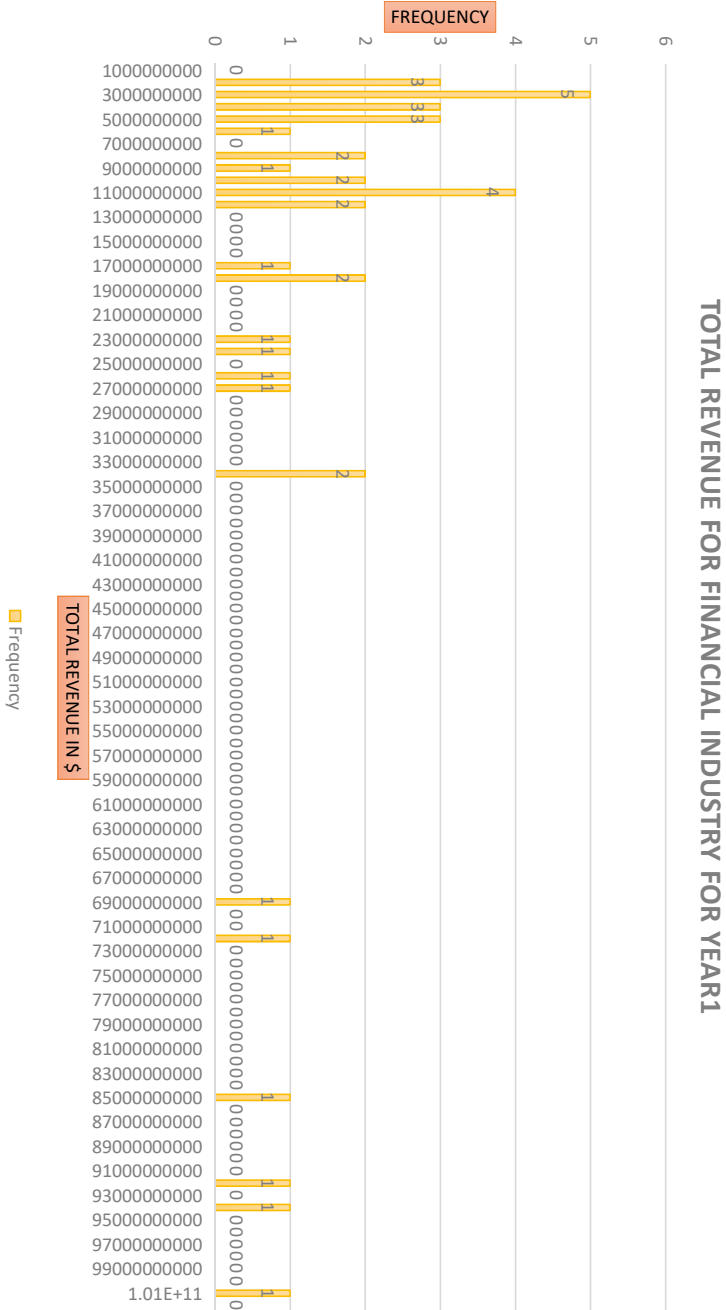


Project: Analyse NYSE data

Question

- Which Industry is more profitable in year 1? The IT industry or the Financial industry?
- I have compared the total revenue of all companies under both the industries for year 1 and have found the summary statistics including measures of central tendency(mean and median) and measures of spread (standard deviation and range).
- Have provided the histogram for the total revenue for all the companies reported under both the industries in year 1.

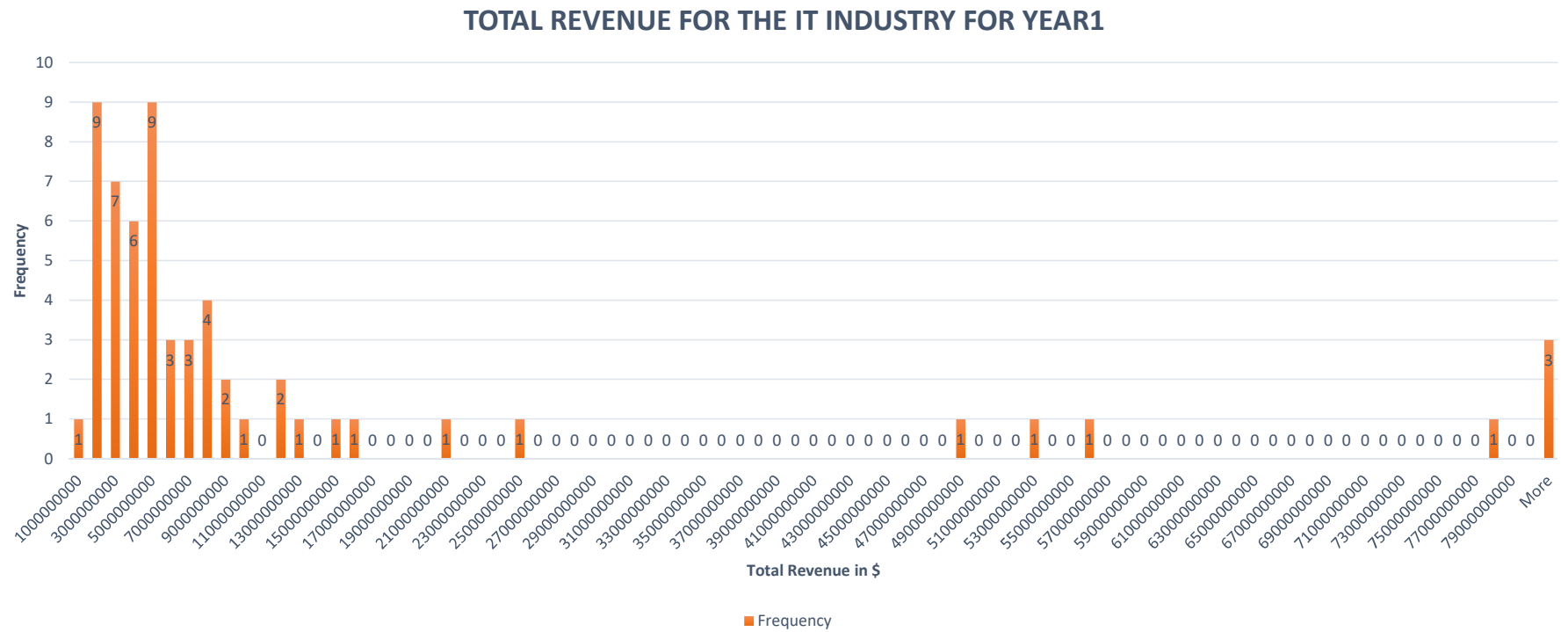
Histogram



Summary statistics for the Financial industry

<i>Mean of total revenue of Financial industry</i>	<i>\$21,419,213,415</i>
<i>Median of total revenue of financial industry</i>	<i>\$10,259,000,000</i>
<i>Standard deviation</i>	<i>28272226524</i>
<i>Maximum</i>	<i>\$100,078,000,000</i>
<i>Minimum</i>	<i>\$1,287,577,000</i>
<i>Range</i>	<i>\$98,790,423,000</i>

Histogram



Summary statistics for IT industry

<i>Mean of total revenue of the IT industry</i>	<i>\$15,546,943,136</i>
<i>Median of Total revenue of the IT industry</i>	<i>\$4,436,000,000</i>
<i>Standard Deviation</i>	<i>30875723621</i>
<i>Maximum</i>	<i>\$170,910,000,000</i>
<i>Minimum</i>	<i>\$873,592,000</i>
<i>Range</i>	<i>\$170,036,408,000</i>

Analysis

- Both the histograms are right skewed or positively skewed which means mean is higher than median for both.
- The mean and median is higher for the financial industry than the IT industry, Which means the Financial industry is more profitable in terms of earning revenue than the IT industry.
- The standard deviation is higher for the IT industry when compared to Financial industry which is low. So IT industry is more at risk.