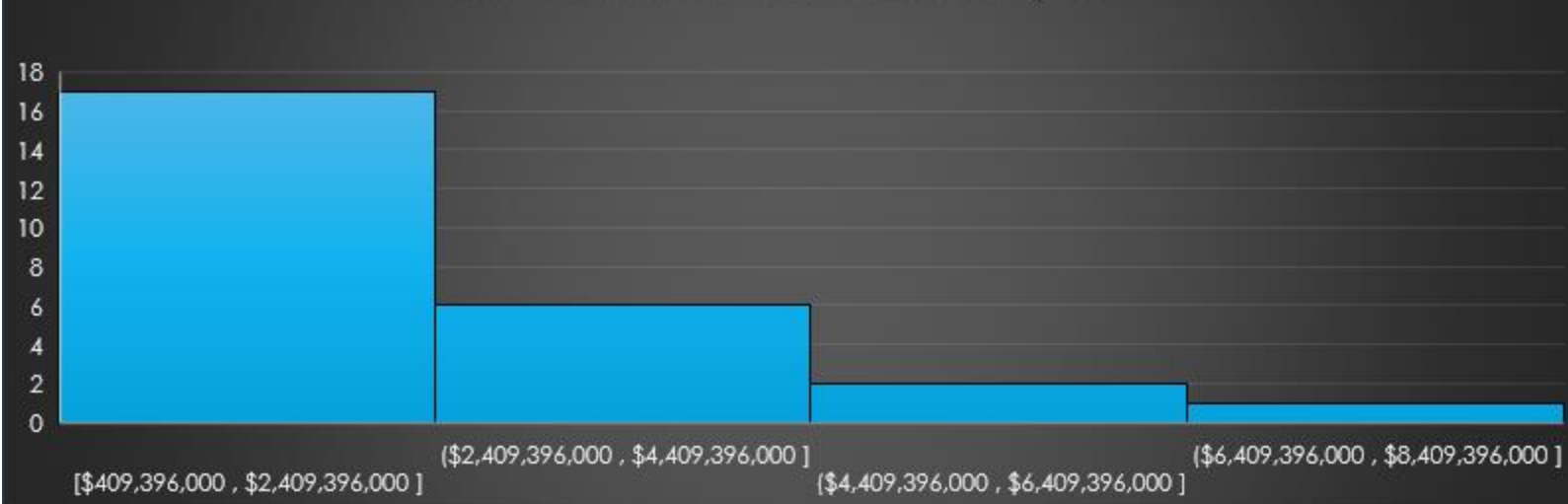# Project-2 task-1
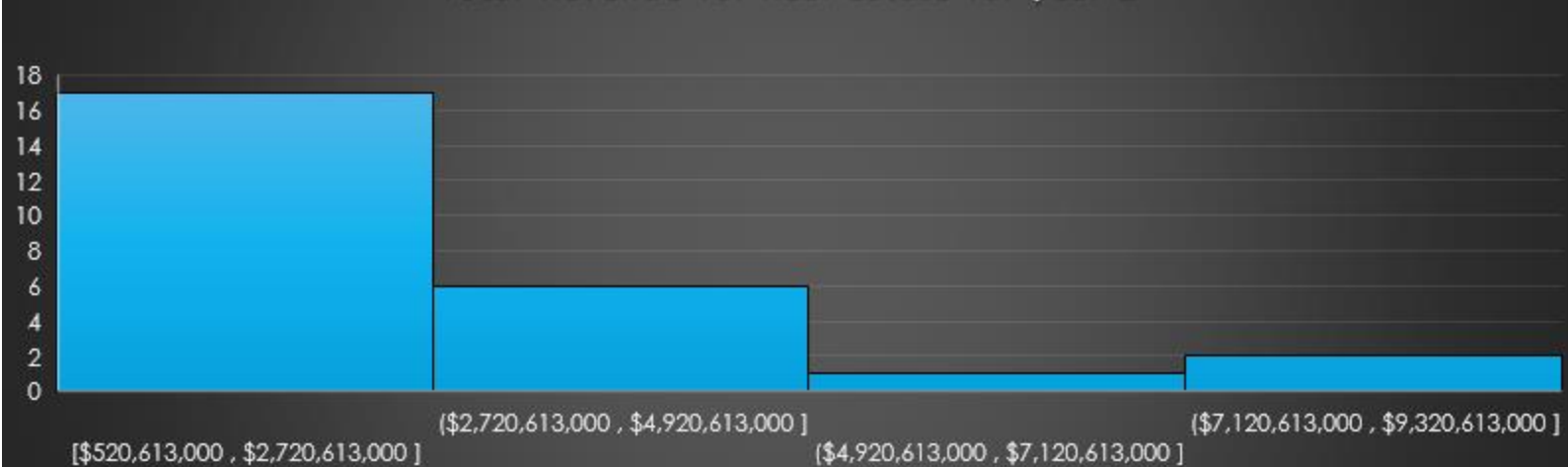
By-Shivam Saini

What was the total revenue for real estate companies in year 1 and year 2?

Total Revenue for Real Estate for year 1

[$409,396,000 , $2,409,396,000]
($2,409,396,000 , $4,409,396,000]
($4,409,396,000 , $6,409,396,000]
($6,409,396,000 , $8,409,396,000]

Total Revenue for Real Estate for year 2

[$520,613,000 , $2,720,613,000]
($2,720,613,000 , $4,920,613,000]
($4,920,613,000 , $7,120,613,000]
($7,120,613,000 , $9,320,613,000]

- Both these histograms are for total revenue of all Real Estate companies in year 1 and year 2 respectively. Both the histograms are right skewed or positively skewed, which means that the mean is higher than the median.

- The mean of year 1 for real estate is $2,11,57,78,769.23 and the mean for year 2 is $2,37,57,29,307.69. The mean of year 1 is nearly 12% less than that of year 2.

- Both year the standard deviation is kept at 3%,however skewness has increased by 0.1% in year 2 with respect to year 1.With a range of $6,10,47,03,000.00 ,Year 1 revenue skewness can be explained by revenue of 1 company which is 2 billion dollars and for 17 companies which is again 2 billion dollars. Similarly with a range of $6,73,33,87,000.00 skewness of year 2 revenue can be explained by revenue of 1 company which is 2.2 billion dollars and for 17 companies which is again 2.2 billion dollars.

- The total revenue of year 1 was $55,01,02,48,000.00 and the total revenue of year 2 was $61,76,89,62,000.00 which shows there was a growth of 12.28% in year 2 as compared to year 1.