

The background of the slide is a dense field of 3D-rendered numbers in various shades of blue and white. The numbers are of different sizes and are scattered across the entire frame, creating a sense of depth and data. Some numbers are in the foreground, appearing larger and more detailed, while others are in the background, appearing smaller and more blurred. The overall color palette is cool, dominated by blues and whites.

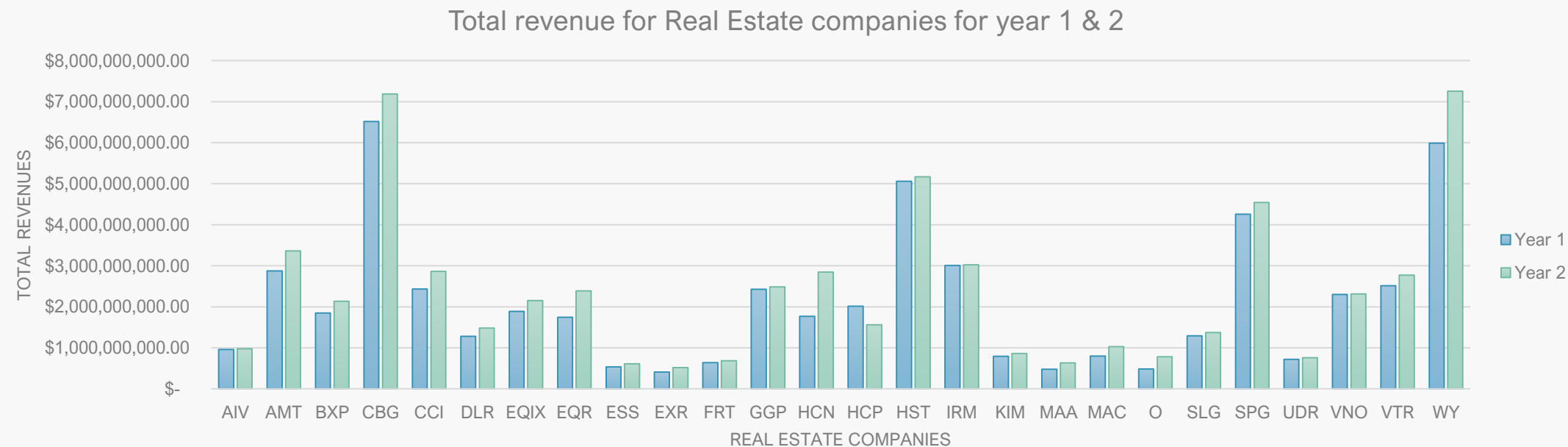
Business Analytics Nanodegree

Analyze NYSA Data Project 2

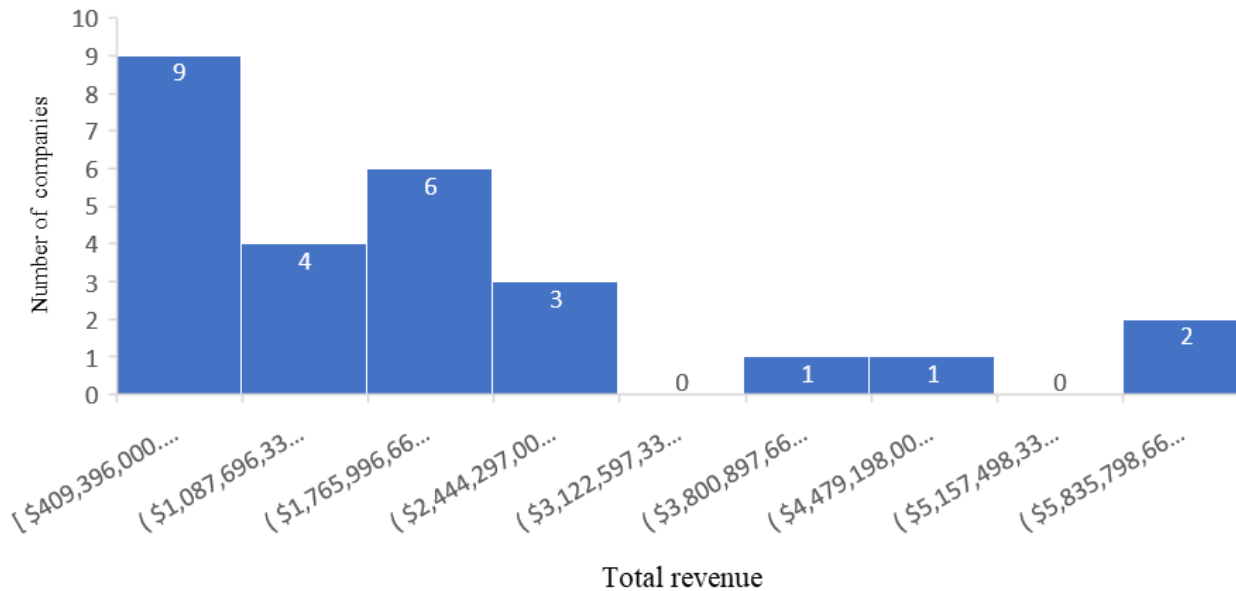
Do the companies in the Real Estate sector
earned more revenue in year two
compared to year one?

Here are a Bar chart for Total revenue for Real Estate companies for year 1 & 2.

When we look at the bar chart, we can see every company in the Real Estate sector the total revenue for year two is higher than year one. Let prove this with numbers.



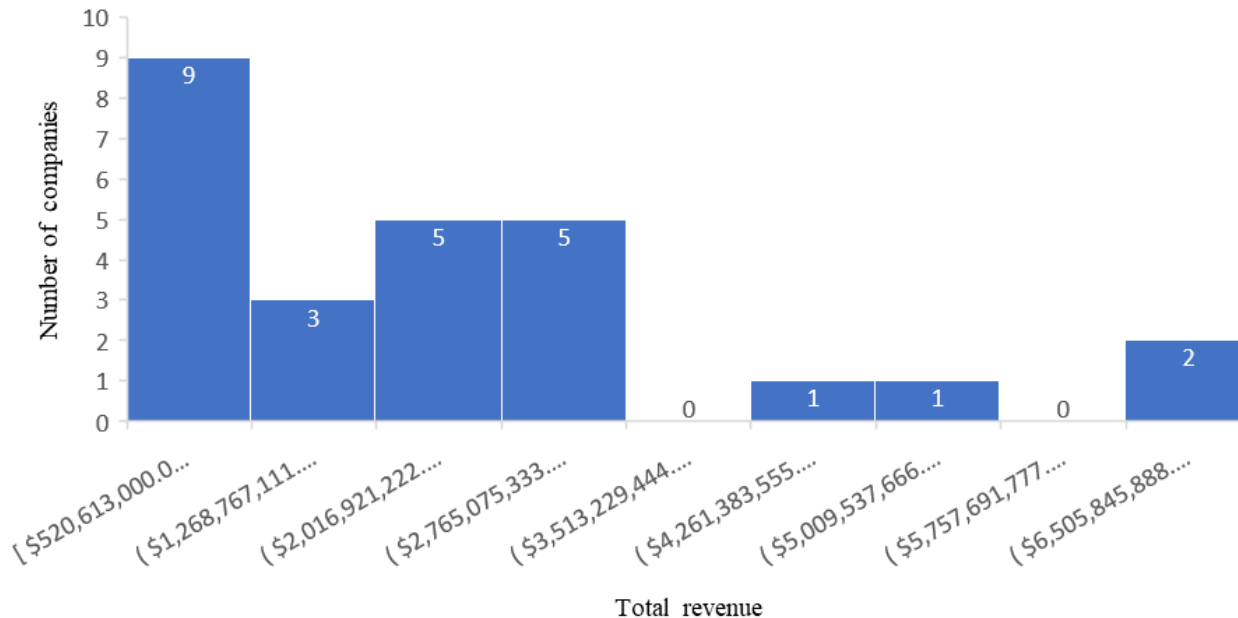
TOTAL REVENUE FOR REAL ESTATE COMPANIES FOR YEAR 1



Here are Histograms for Total revenue for Real Estate companies for year 1 & 2.

These histograms are right-skewed, which means the average of total revenue is higher than the median. The mean for total revenues for all companies in year one is around (\$ 2.1 billion) and the median around (\$ 1.8 billion). For year two, the mean for total revenues for all companies around (\$ 2.3 billion) and the median around (\$ 2.1 billion). And that mean all the companies earned more revenue in year two compared to year one.

TOTAL REVENUE FOR REAL ESTATE COMPANIES FOR YEAR 2



The standard deviation for total revenue in year one around (\$ 1.6 billion) and (\$ 1.8 billion) for year two, Which means the spread or variation in total revenue in year two is higher than year one.

In year one, 22 companies of 26 earned from (\$409 million to \$ 2.4 billion). And the rest get more than (\$ 3.8 billion). For year two, 22 companies of 26 earned from (\$520 million to \$3.4 billion). And the rest get more than (\$4.2 billion).