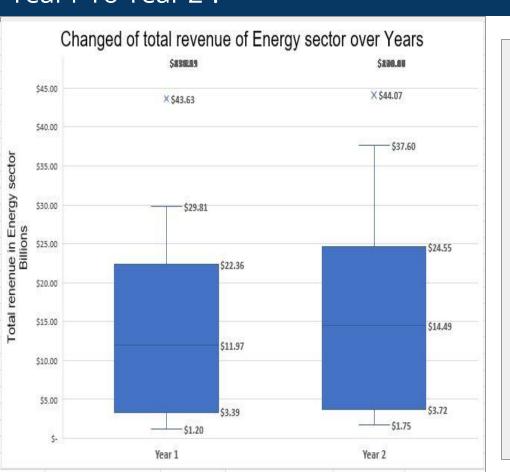# Business Analytics

Second project presentation

By: Bilal AlTurki

Find the Changed of Total Revenue under GSIC Energy Sector from Year1 To Year 2 ?

Changed of total revenue of Energy sector over Years

Here is the Box plot chart, that descriptive Statistics of total revenue for the energy sector of the first and second Year.

As we have shown, the mean total revenue of Energy sector in year 2 ($44,065,932,903.2258) was higher compared to mean total revenue for the year 1 ($43,629,114,322.5806). Also, the median for year 2 ($14,487,118,000) was higher compared with year 1 ($11,966,000,000), this means that there is an improvement in total revenue for the year 2.

Additionally, the quartile (Q1, Q2 and Q3) in the year 2 is more than year 1. Also, the range for years 2 Is less than year 1, still high range, could be due to outliers.
The standard deviation in year 2 ($87,598,693,146.1691) in was less than year 1 ($93,215,477,340.6123), it is having a big effect on the dataset. Therefore, this leads us to conclude that it is the total revenue in year 2 is better than with year 1.