<u>Data Visualization Challenge by SmartInternz</u>

1. Introduction:-

I had choosed imports expots data which included various industries such as

- 1. Agriculture, Foresty and Fishing
- 2. Mining & Quarrying
- 3. Manufacturing
- 4. Electricity, Gas & Water Companies
- 5. Construction.
- 6. Trade, Hotels and Restaurants
- 7. Transport, Storage and Communications
- 8. Finance, Insurance, Real Estate & Business Services
- 9. Community, Personal & Social Services
- 10. Unclassified

it also includes count and paid up capital for given industries.

2. Literature survey:-

The dataset of industries in India has been taken from the government website data.gov.in .

3. Analysis before visualization:-

The first column includes data of various industries listed above.

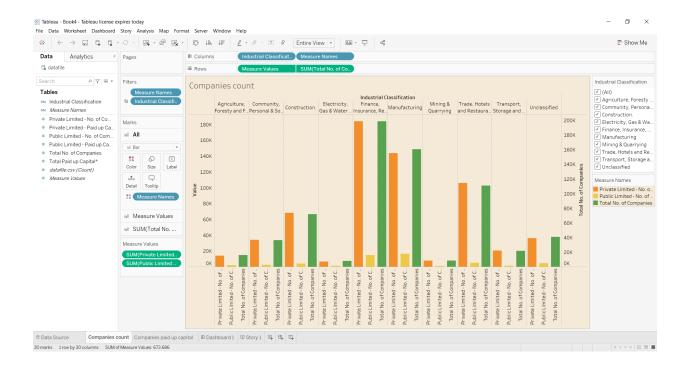
The second and third column consists of no. of companies in public and private sector respectively

The fourth and fifth shows Paid up capitgal for each companies.

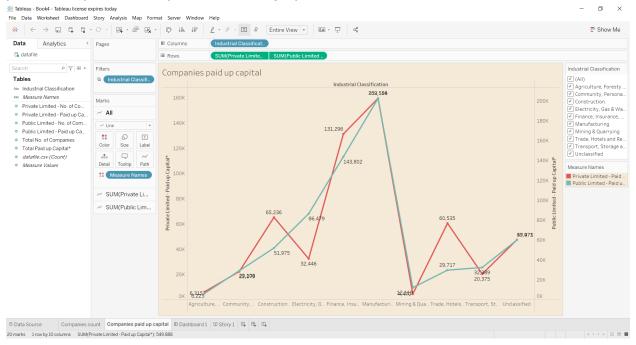
4. Visualization :-

The industries are divided into two categories namely public and private .

In the first sheet I have made visualization of comparision with count of companies with total via bar graph.



In the second sheet I have made visualization of comparision with paid up capital of public and private companies via line graph.



Conclusion:-

The data visualization of the dataset has been done through which now we can study the data very easily rather than the traditional method of studying it form the excel sheet which gets too much difficult. Here we can easily compare the trends yearly through various categories in one click which is the one of the best of it.