

Assignment -1

DATA ANALYTICS

Assignment Date	15 September 2022
Student Name	Ms.Dhenisha
Student Roll Number	510119104004
Maximum Marks	2 Marks

Question-1:

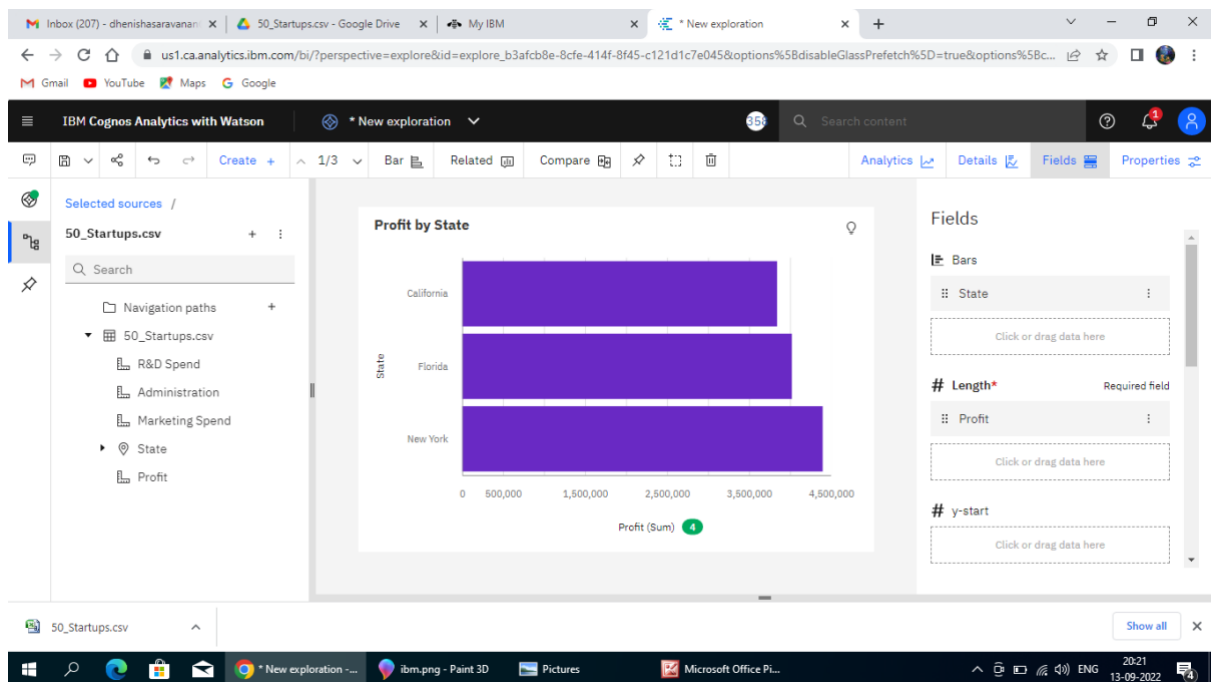
DATA SET: 50-Startup-Dataset.

This particular dataset holds data from 50 startups in New York, California, and Florida. The features in this dataset are R&D spending, Administration Spending, Marketing Spending, and location features, while the target variable is: Profit.

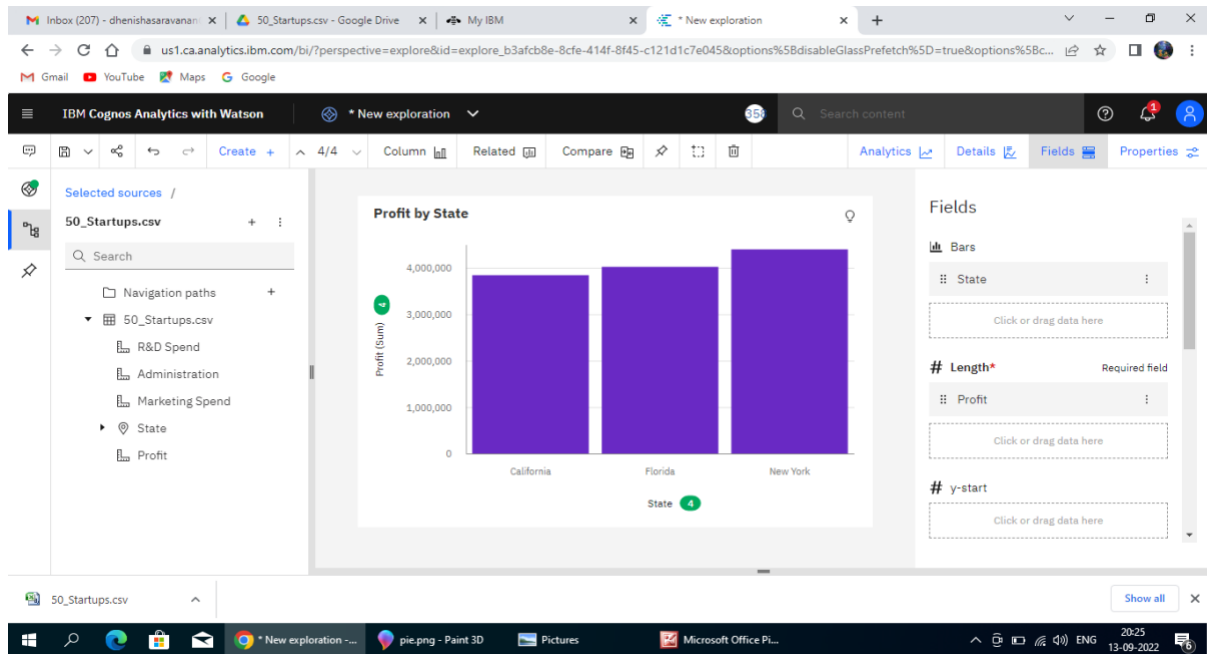
CHALLENGE : Upload the dataset to Cognos Analytics, explore and visualize the dataset.

SOLUTION:

BARS



COLUMN

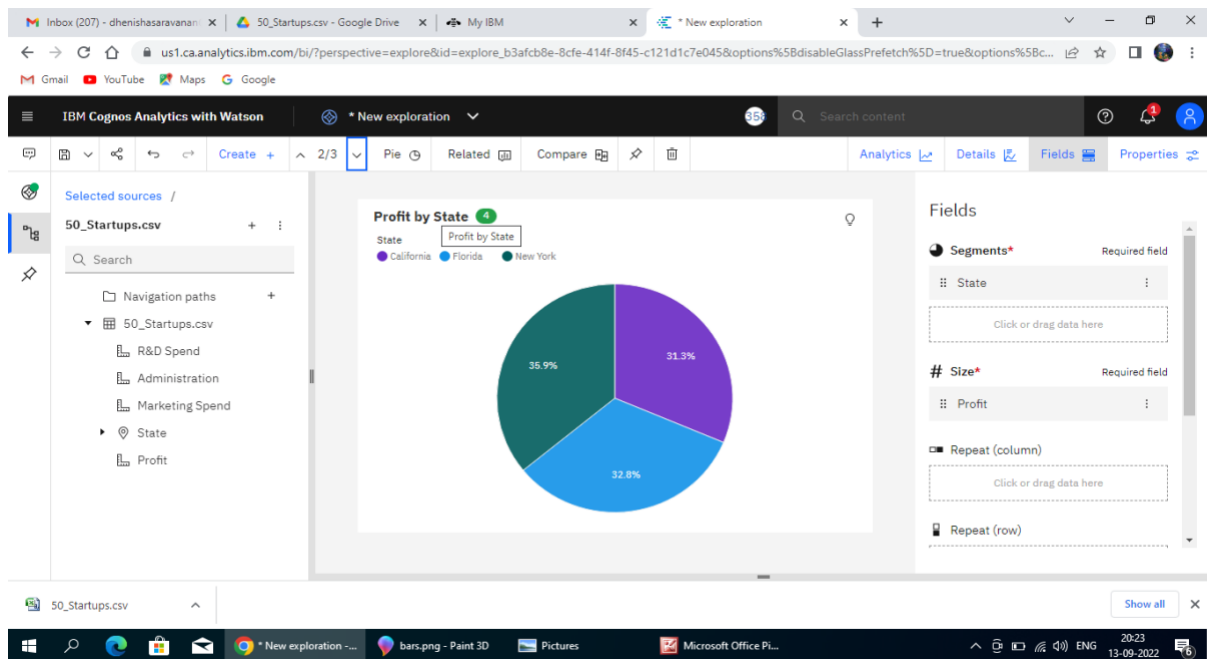


CROSTAB

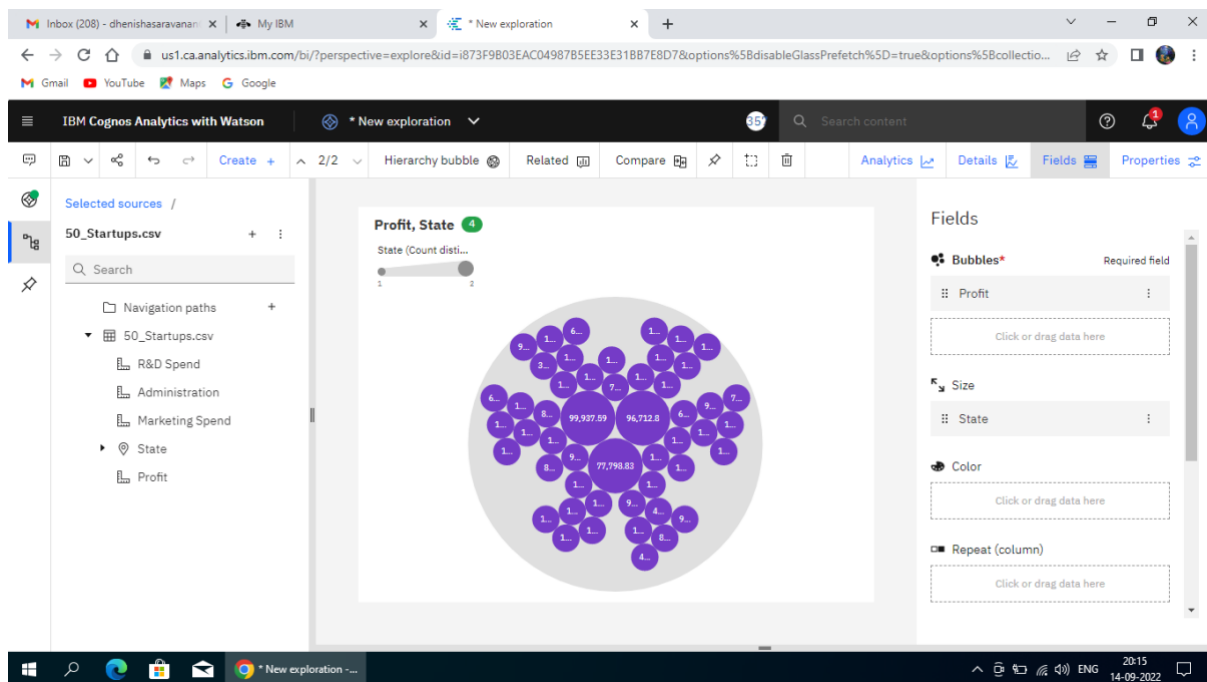
The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Selected sources' pane lists '50_Startups.csv' with a search bar and a tree view showing 'R&D Spend', 'Administration', 'Marketing Spend', 'State', and 'Profit'. The main area displays a crosstab titled 'Profit for State and R&D Spend'. The columns are 'Profit', 'California', 'Florida', 'New York', and 'Summary'. The rows are 'R&D Spend' categories. The 'Fields' pane on the right shows 'Columns' with 'State' selected, and 'R&D Spend' selected for the '# Values' field.

Profit	California	Florida	New York	Summary
0	114,482.26	(no value)	(no value)	114
542.05	(no value)	(no value)	71,346.82	71
1,000.23	(no value)	(no value)	129,852.16	129
1,315.46	(no value)	98,981.5	(no value)	9
15,505.73	(no value)	(no value)	69,758.98	69
20,229.59	(no value)	(no value)	426,180.17	426
22,177.74	130,400.66	(no value)	(no value)	130
23,640.93	142,996.98	(no value)	(no value)	142

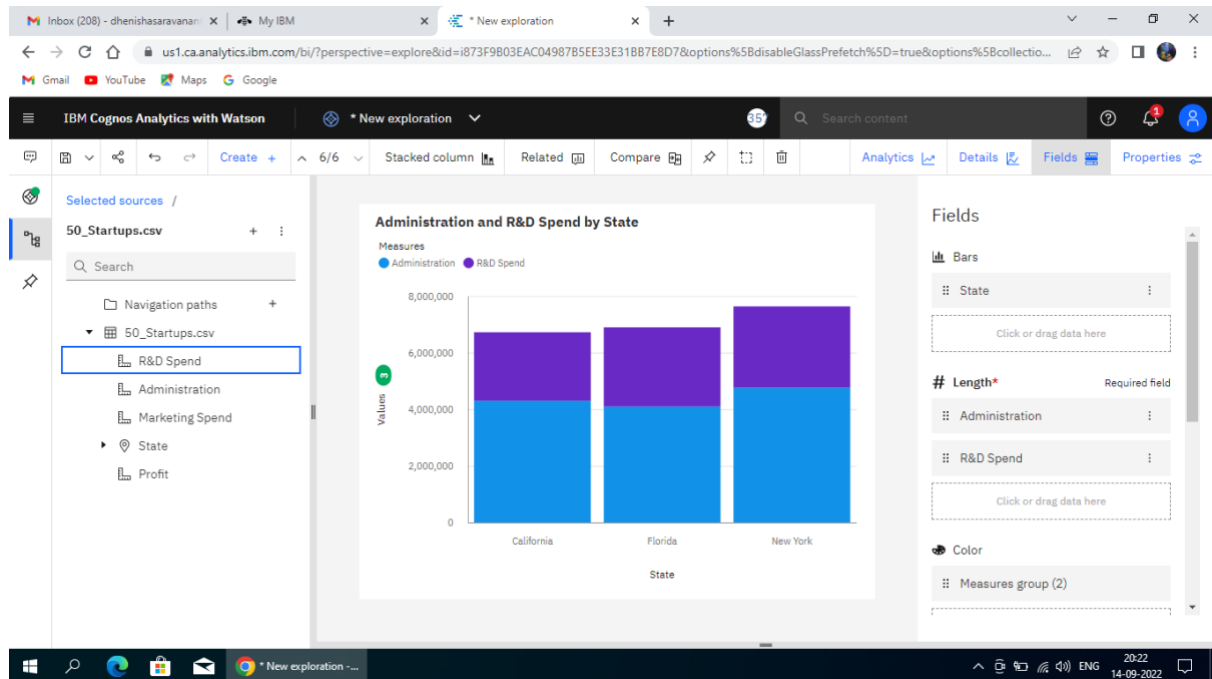
PIE



HIERARCHY BUBBLE



STACKED COLUMN



SCATTER

