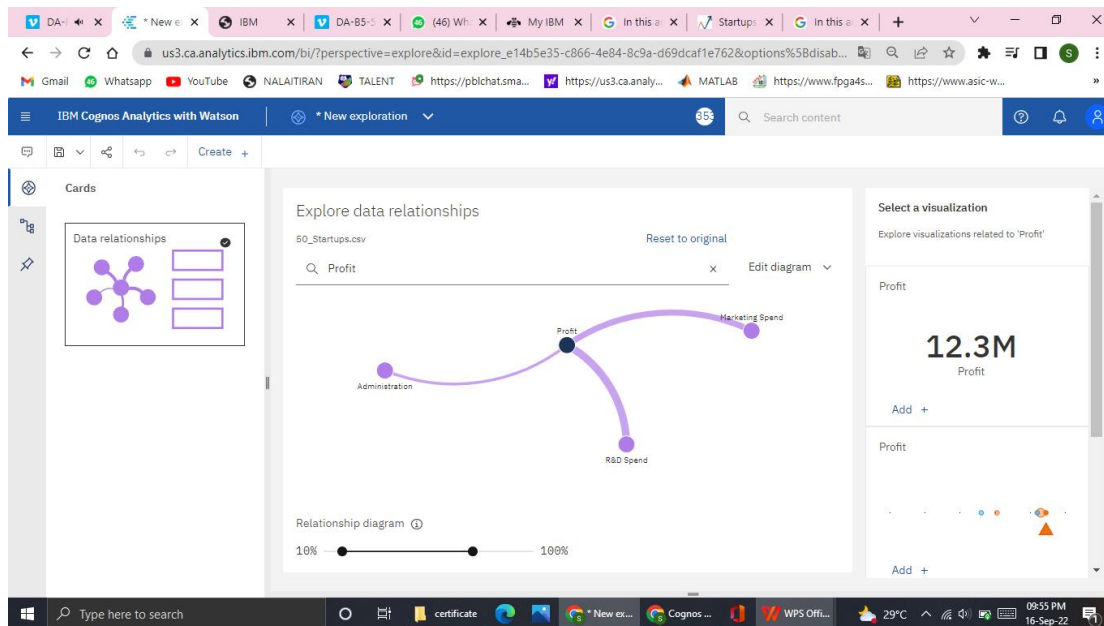


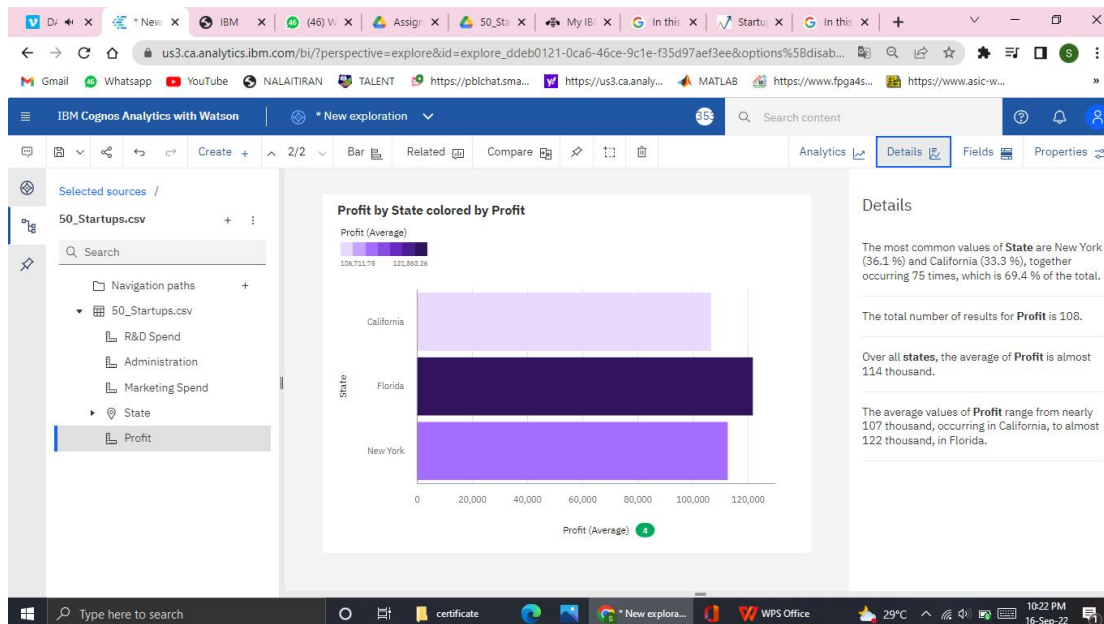
NAME : SWARNALATHA S
TEAM ID : PNT2022TMID01180
ROLL NO : 211419106272
BATCH NO : B5-5M1E
PROJECT : Analytics for Hospitals Health-Care Data
ASSIGNMNET NO : 01

DATA EXPLORATION:



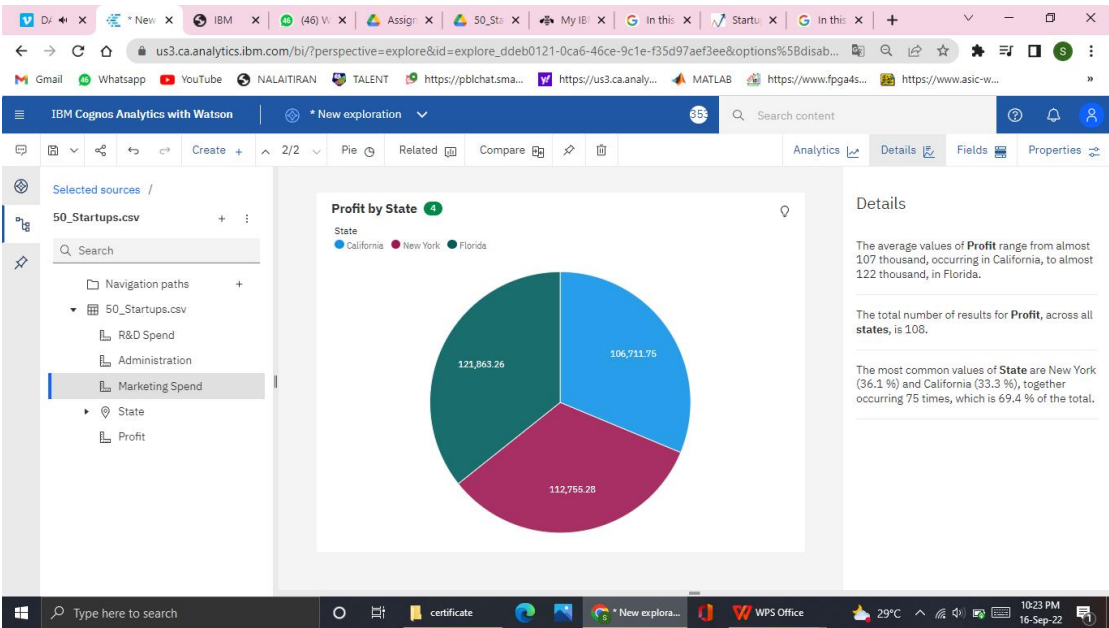
DATA VISUALIZATION

Profit by State colored by Profit(AVERAGE) - BAR GRAPH



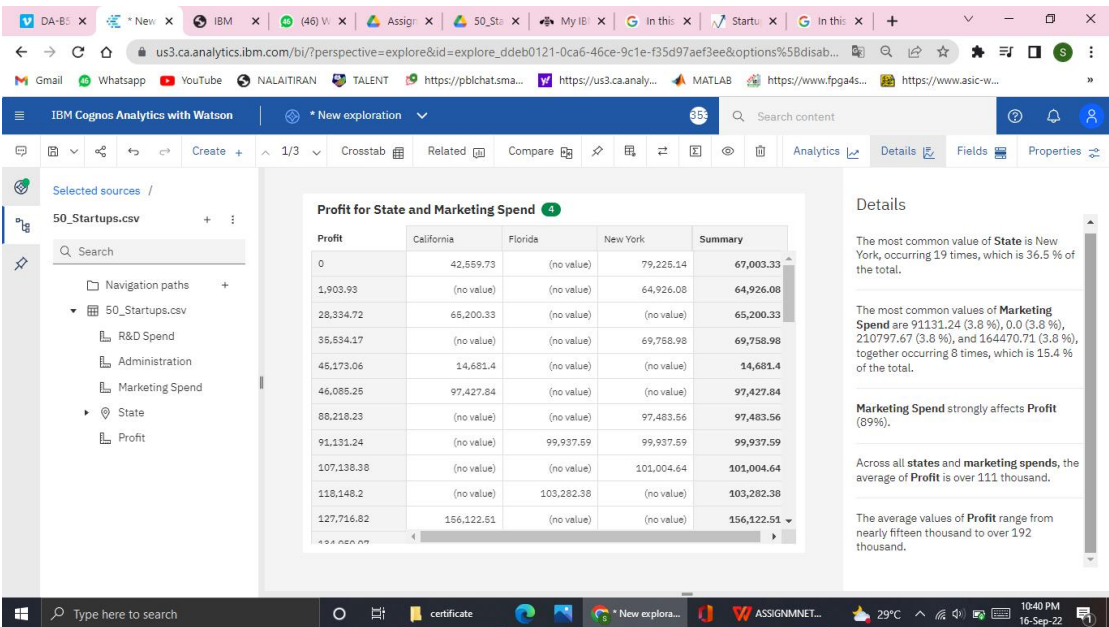
Florida has nearly 122000 profit average.

Profit by State(PIE CHART)



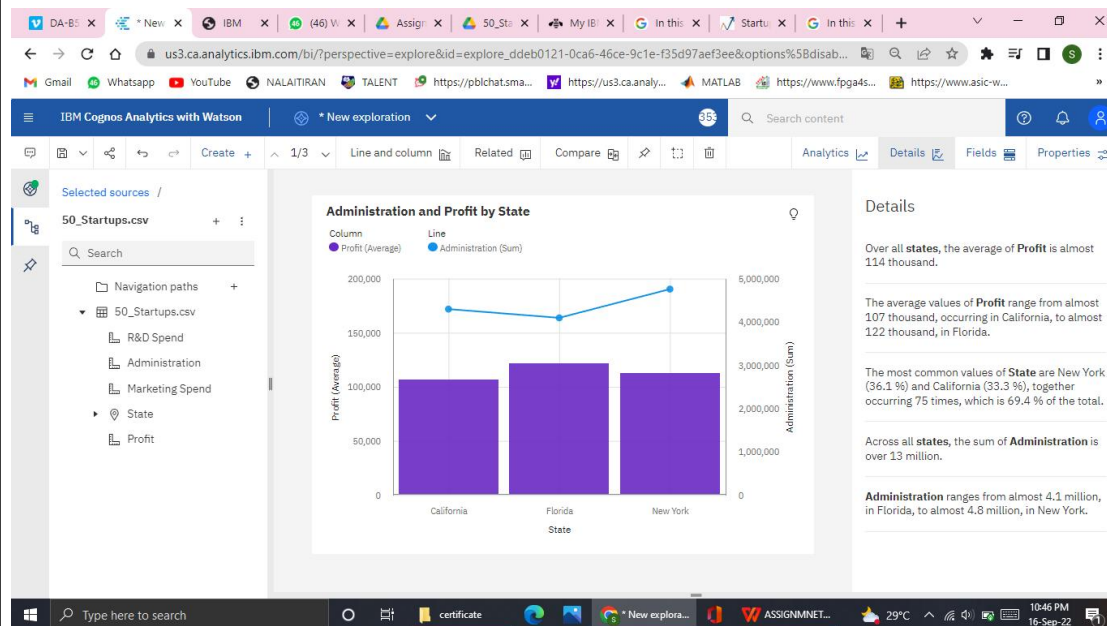
Newyork State has high profit rate when compared to all other states.

Profit for State and Marketing Spend (CROSS TABLE)

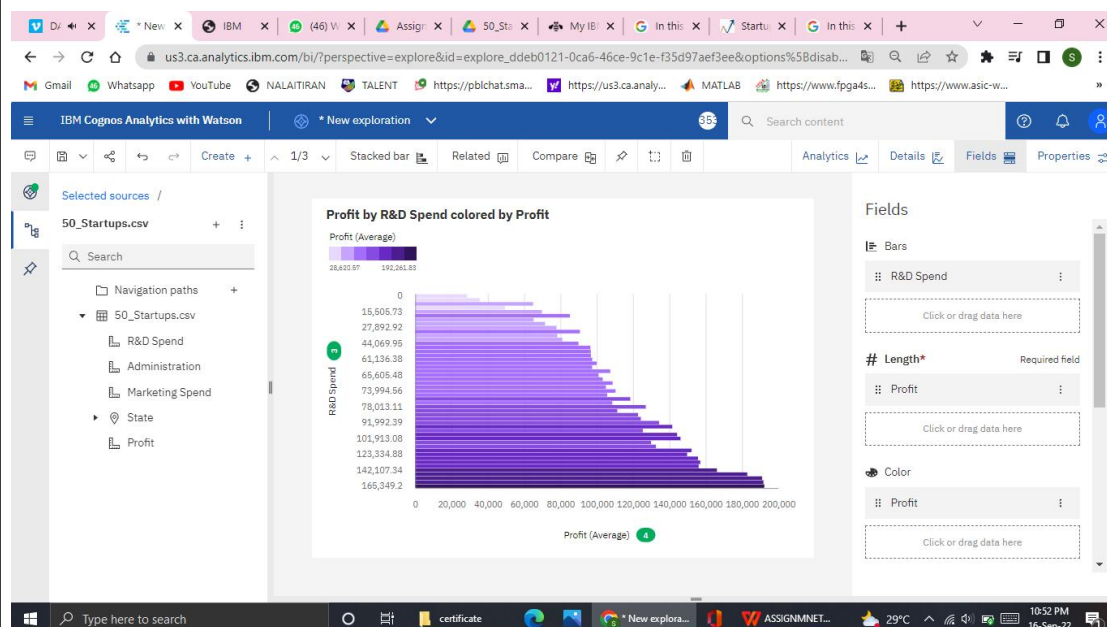


Marketing Spend strongly affects Profit

Administration and Profit by State (Line and Column)



Profit by R&D Spend colored by Profit (STACKED BAR)



Profit by State and Administration

The chart displays the average profit for various states and administrations. The Y-axis represents 'Profit (Average)' ranging from 0 to 200,000. The X-axis represents 'State - Administration'. The data shows significant fluctuations in profit across different states and administrations, with California consistently showing higher profit values.

Details

- The total number of results for **R&D Spend**, across all **state - administrations**, is 108.
- Across all **state - administrations**, the average of **R&D Spend** is over 54 thousand.
- The most common values of **State - Administration** are California (91790.61 (36.1%) and California (51283.14 (33.3%)), together occurring 75 times, which is 69.4% of the total.
- The total number of results for **Profit**, across all **state - administrations**, is 108.
- The average values of **Profit** range from 0, occurring when **State - Administration** is California (51283.14), to 49, when **State - Administration** is California (91790.61).