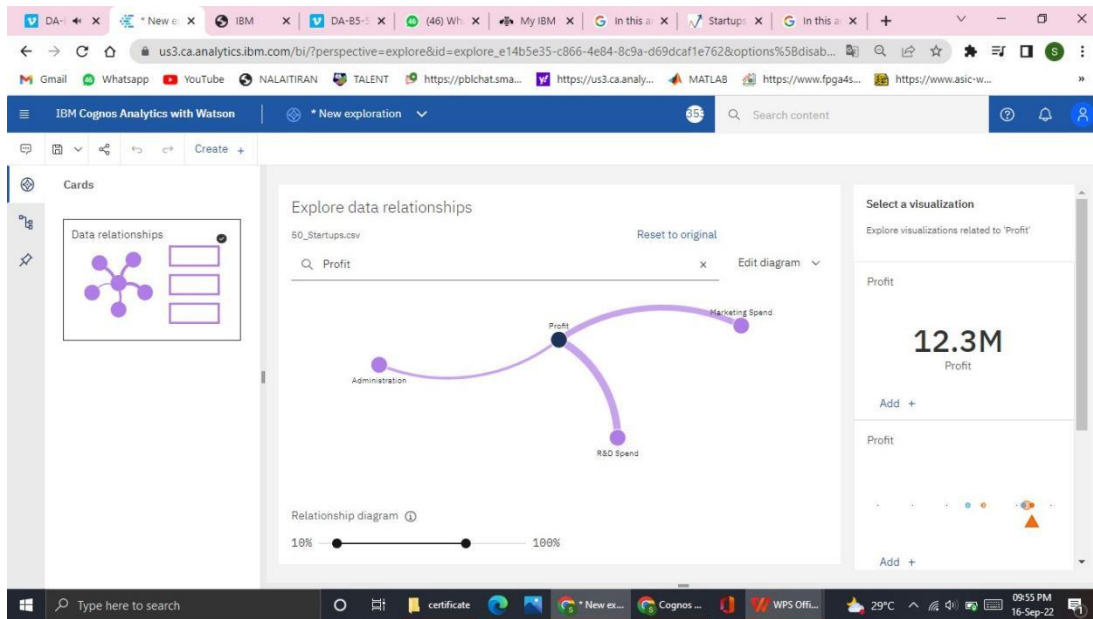


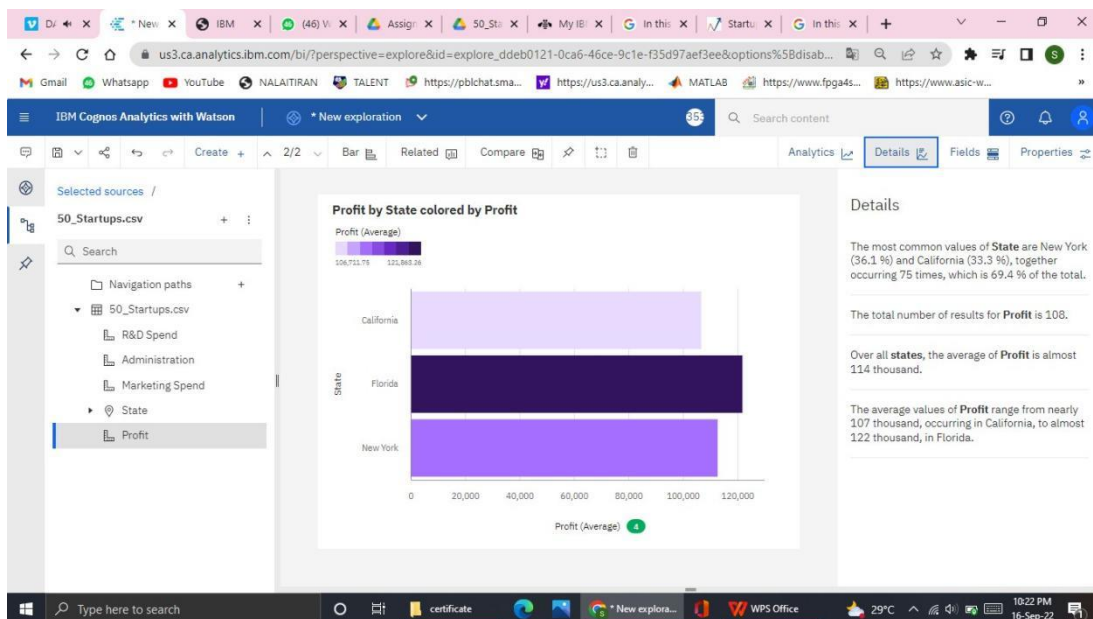
NAME	: Guhan.S
TEAM ID	: PNT2022TMID37134
ROLL NO	: 310119104032
PROJECT	: Analytical for hospital health care data
ASSIGNMENT NO	: 01

DATA EXPLORATION:



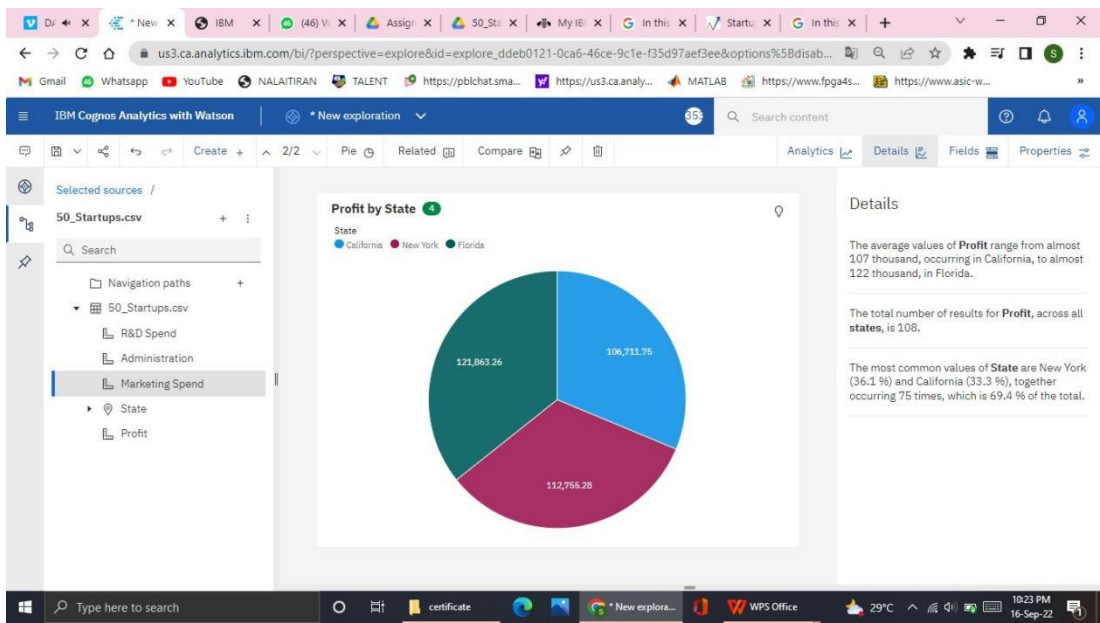
DATA VISUALIZATION

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



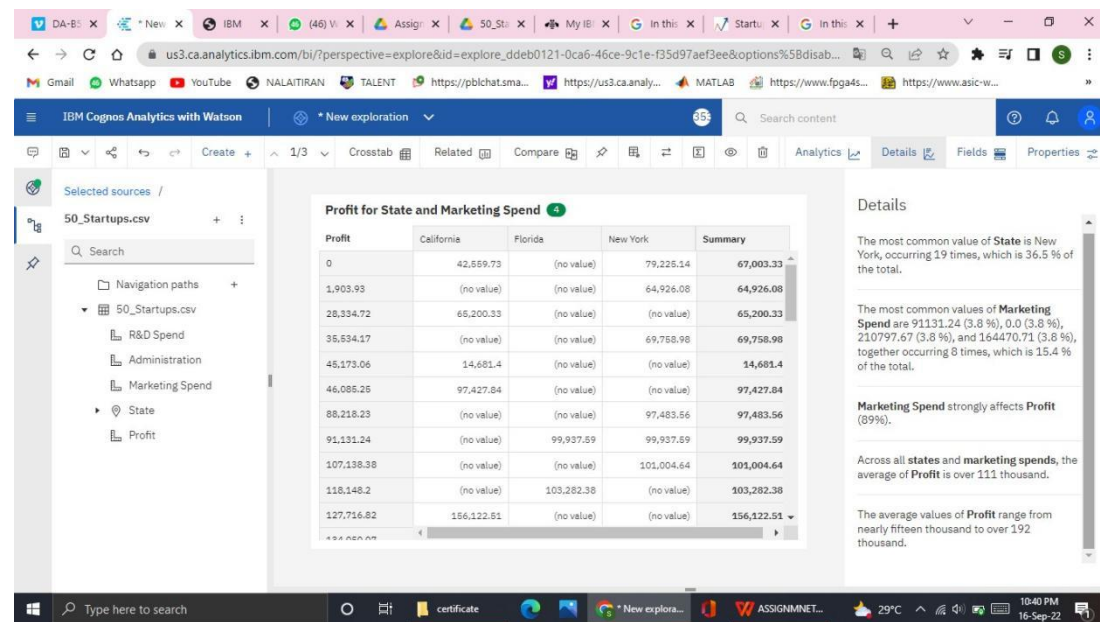
Florida has nearly 122000 profit average.

Profit by State(PIE CHART)



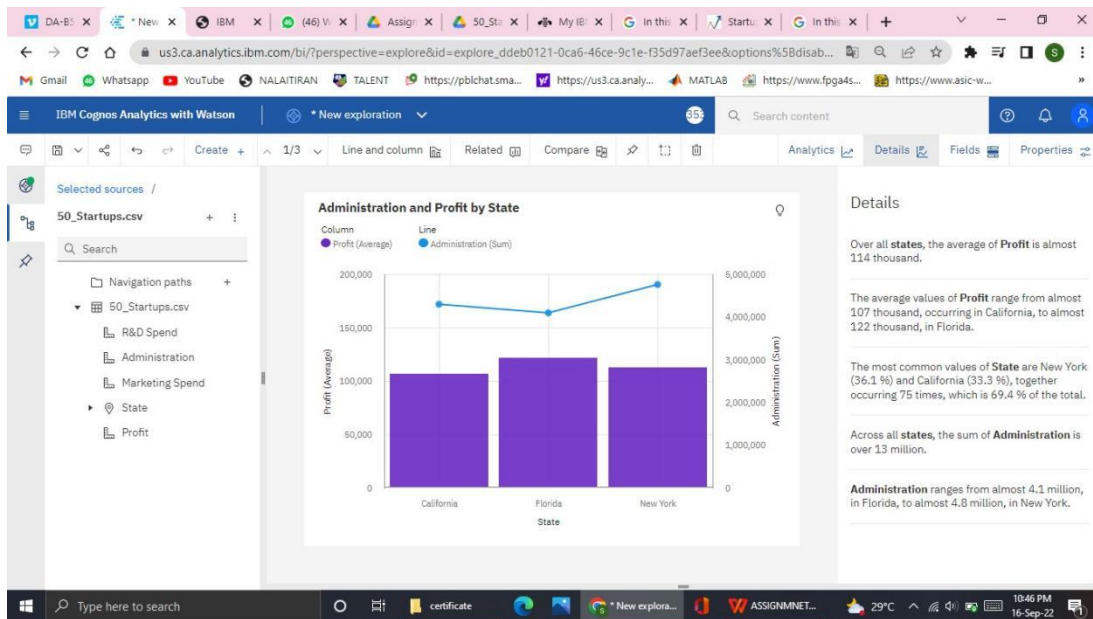
Newyork State has high profit rate when compared to all other states.

Profit for State and Marketing Spend (CROSS TABLE)

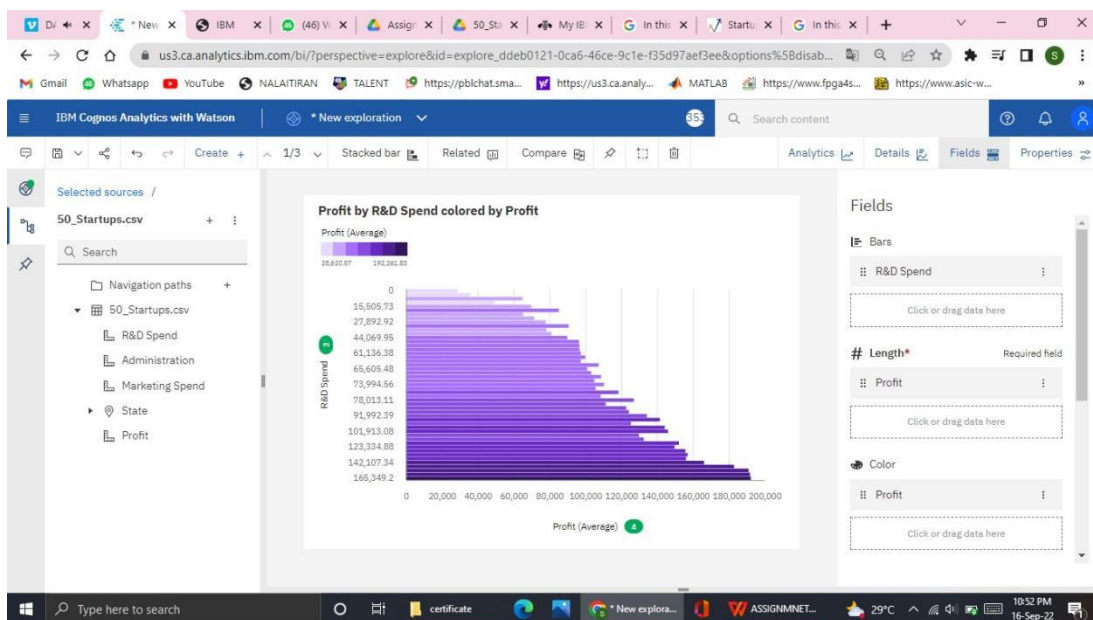


Marketing Spend strongly affects Profit

Administration and Profit by State (Line and Column)



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



The screenshot displays the IBM Cognos Analytics interface. The main content area features a line chart titled "Profit by State and Administration". The y-axis is labeled "Profit (Average)" and ranges from 0 to 200,000. The x-axis is labeled "State - Administration" and lists various state-administration combinations, such as California 51283.14, California 91790.61, and New York 12748.05. The chart shows a fluctuating purple line representing profit across these categories. To the left of the chart is a navigation pane with a tree view showing the data source "50_Startups.csv" and its dimensions: R&D Spend, Administration, Marketing Spend, State, and Profit. To the right of the chart is a "Details" panel with three sections: "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.", and "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." Below this, it states "The total number of results for Profit, across all state - administrations, is 108." and "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."