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

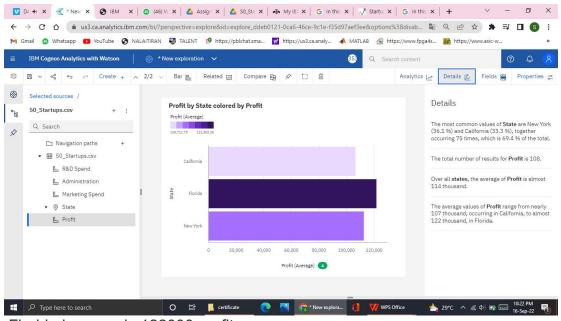
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DATA VISUALIZATION

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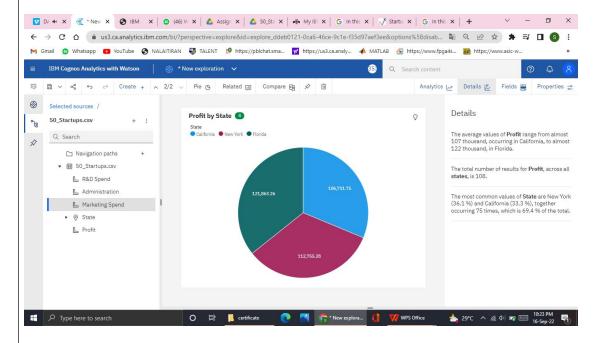
Profit by State colored by Profit(AVERAGE) - BAR GRAPH

Relationship diagram (1)



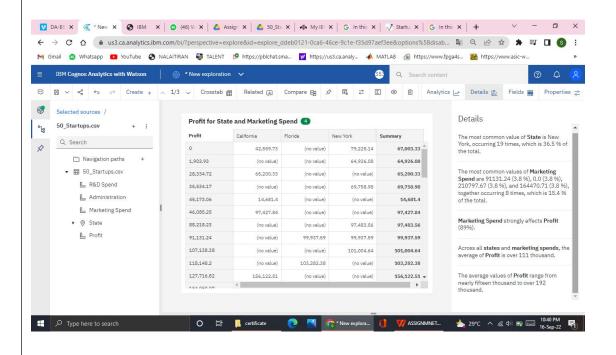
Florida has nearly 122000 profit average.

Profit by State(PIE CHART)



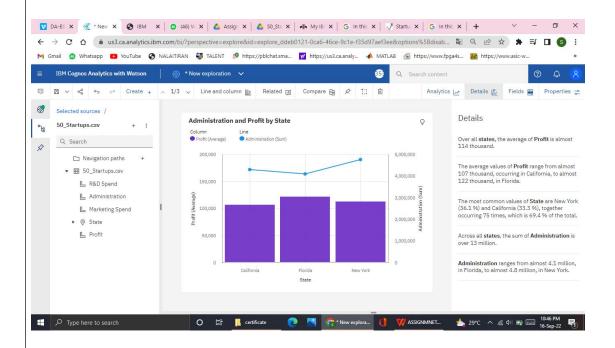
Newyork State has high profit rate when compared to all other states.

Profit for State and Marketing Spend (CROSS TABLE)

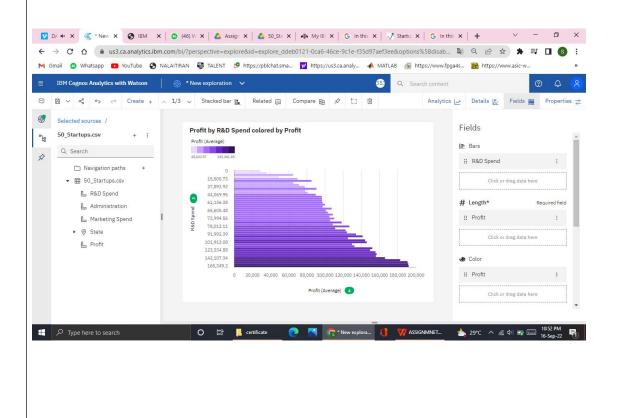


Marketing Spend strongly affects Profit

Administration and Profit by State (Line and Column)



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



Profit by State and Administration (AREA) U DA-BS X 🥷 *New X 🗞 IBM X | ⑤ (46) W X | △ Assign X | △ So_Sto X | ♣ My IBI X | G In this X | √ Startu X | G In this X | + ✓ - □ X ← → C 🕜 (a us3.ca.analytics.ibm.com/bi/7perspective=explore&id=explore_ddeb0121-0ca6-46ce-9c1e-f35d97aef3ee&options%58disab... 🔞 🔍 🔅 🏚 🗯 🗊 🛽 🚳 🚼 Marting Whatsapp VouTube S NALAITIRAN W TALENT Matter Mittps://pblchat.sma... Marting 🖺 ∨ 🧠 ↔ ⇔ Create + ∧ 1/3 ∨ Area 🛳 Related 🔟 Compare 📵 🖈 🗓 ⊗ Profit by State and Administration 50_Startups.csv Pg B Q Search The total number of results for R&D Spend, across all state - administrations, is 108. ☐ Navigation paths + Across all **state - administrations**, the average of **R&D Spend** is over 54 thousand. ▼ ≣ 50_Startups.csv R&D Spend 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. Marketing Spend ▶ ⊚ State 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. State - Administration Type here to search O 🛱 📘 certificate 🙋 🎮 🛜 New explora... 🕕 🤍 ASSIGNMNET... 🏡 29°C ^ 🔏 🐠 🖙 🔤 10-56 PM