NAME : SHAKIL S

TEAM ID : PNT2022TMID28169

ROLL NO : 312419104127

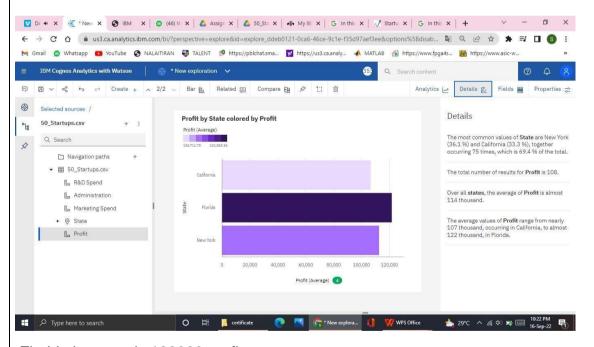
**PROJECT** : Analytics for Hospitals Health-Care Data

**ASSIGNMENT:01** 

## **DATA EXPLORATION:** V DA-I ★ X 🥳 \*New e: X 🔞 IBM X V DA-85-5 X 0 (46) Wh X 🕹 My IBM X G In this a: X 📈 Startups X G In this a: X + V - G X ← → C 🌣 🕯 us3.ca.analytics.ibm.com/bi/?perspective=explore&id=explore\_e14b5e35-c866-4e84-8c9a-d69dcaf1e762&coptions%5Bdisab... 🛍 Q 🖻 🖈 🗊 🛘 🕲 🚼 M Gmail 🕚 Whatsapp 💶 YouTube 📀 NALAITIRAN 🚭 TALENT 🧐 https://pblchatsma... 📆 https://pblchatsma... 🙀 https://www.fpga4s... 🐞 https://www.fpga4s... 🐞 https://www.fpga4s... 353 Q Search content 🖺 ∨ 🧠 ⇔ Create + **③** Select a visualization Explore data relationships Pg Explore visualizations related to 'Profit' A Edit diagram 🗸 12.3M Relationship diagram ① Add + Type here to search

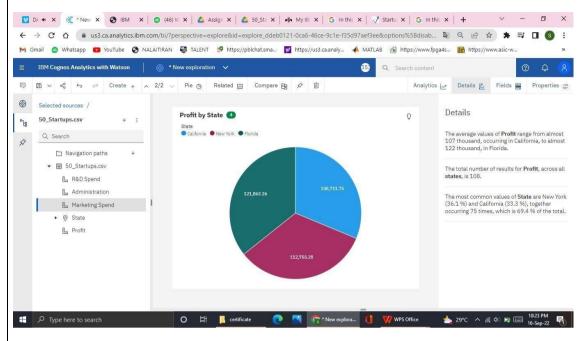
#### **DATA VISUALIZATION**

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



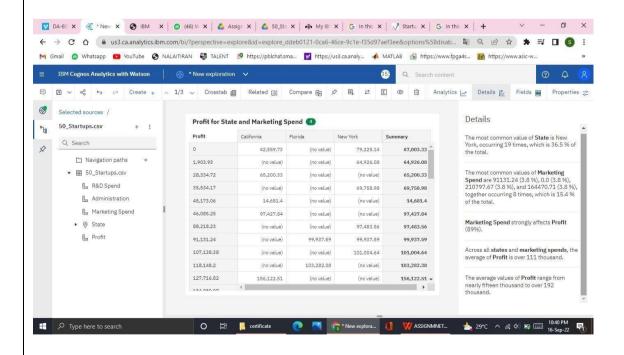
Florida has nearly 122000 profit average.

#### **Profit by State(PIE CHART)**



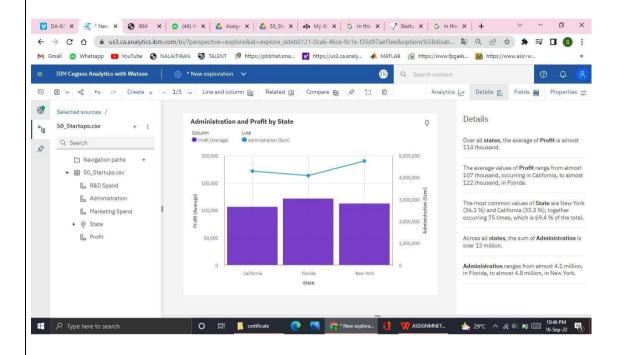
Newyork State has high profit rate when compared to all other states.

### **Profit for State and Marketing Spend (CROSS TABLE)**

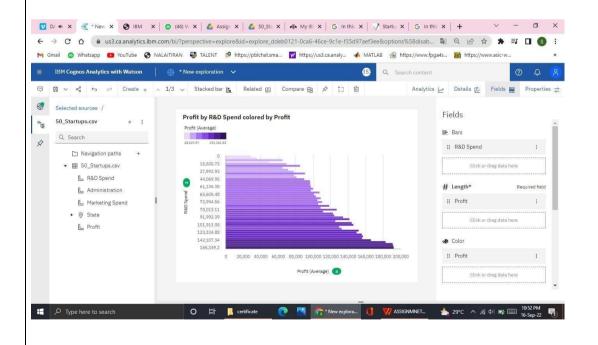


Marketing Spend strongly affects Profit

#### Administration and Profit by State (Line and Column)



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



# **Profit by State and Administration (AREA)** ← → C 🐧 🕯 us3.ca.analytics.ibm.com/bi/?perspective=explore&id=explore\_ddeb0121-0ca6-46ce-9c1e-135d97aef3ee&options%58disab... 🖏 Q 😢 🌣 🕻 🗊 🛽 💿 : M Gmail 🕚 Whatsapp 💶 YouTube 🚱 NALAITIRAN 🚭 TALENT 🧐 https://pblchatsma... 🕎 https://pblchatsma... 🙀 https://www.fpga4s... 🌺 https://www.fpga4s... 👺 https://www.asic-w... IBM Cognos Analytics with Watson Street Stre 353 Q Search content Analytics ⊬ Details ₹ Fields ₩ Properties ☆ $\square$ $\vee$ $\triangleleft$ $\triangleleft$ $\triangleleft$ $\Diamond$ $\Diamond$ Create + $\wedge$ 1/3 $\vee$ Area $\trianglerighteq$ Related $\bigcirc$ Compare $\bigcirc$ $\bigcirc$ $\bigcirc$ Profit by State and Administration 50\_Startups.csv Pg 200.000 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. ▼ 扁 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. Administration L. Marketing Spend ▶ ⊚ State Profit 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. Type here to search 29°C ∧ // (4) | □ 10:56 PM 16-Sep-22 16-Sep-22