

Analytics for Hospitals Health-Care Data

Assignment -1

NAME : Kousalya RV

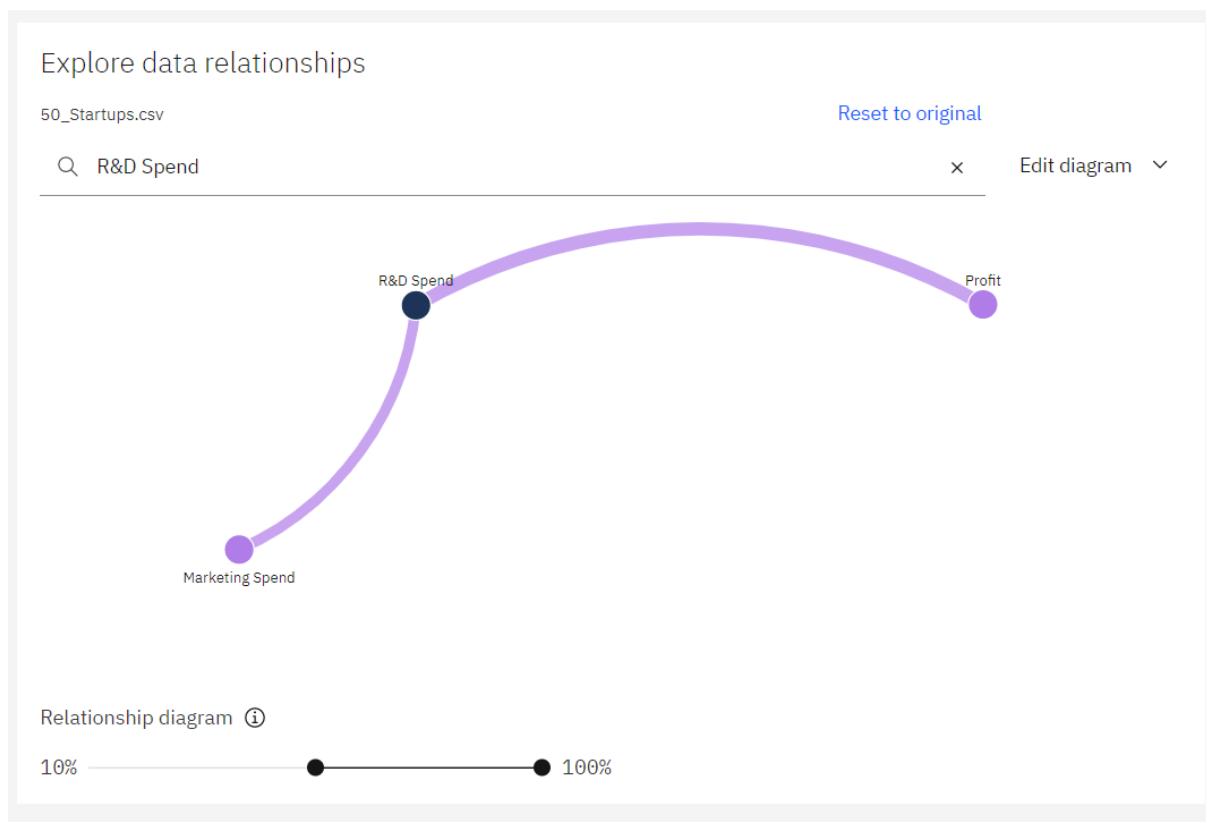
ROLL NO : 737819CSR090

Challenge : Upload the dataset to Cognos Analytics, explore and visualize the dataset

Dataset :

https://drive.google.com/file/d/100OUUpJFG8GQjhFztbfG5JP_jvzRgoihr/view

Data Relation Exploration



Explore data relationships

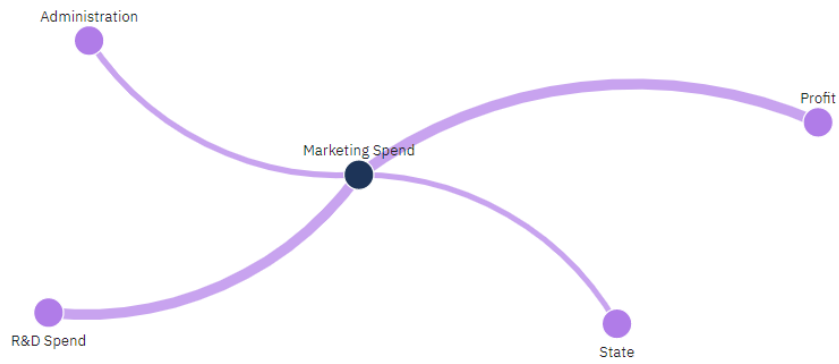
50_Startups.csv

[Reset to original](#)

🔍 Marketing Spend

×

Edit diagram ▾

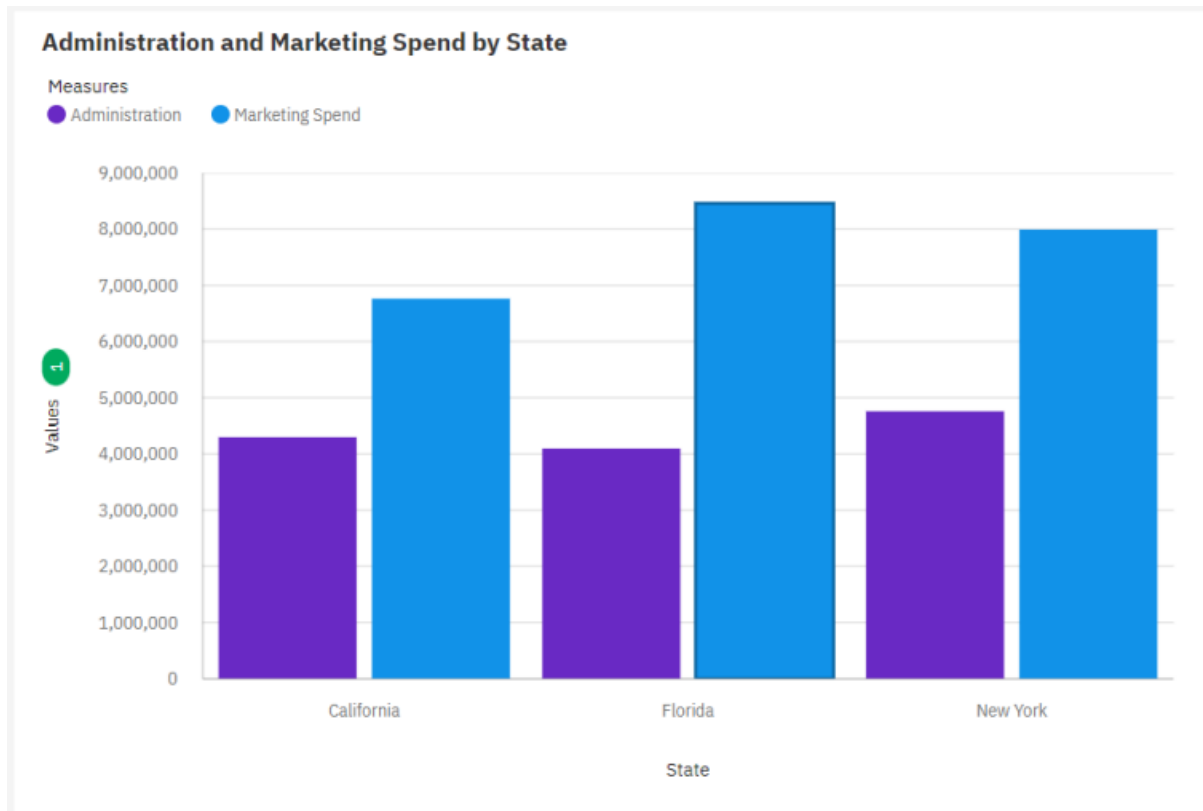


Relationship diagram ⓘ

10% —●—————●— 100%

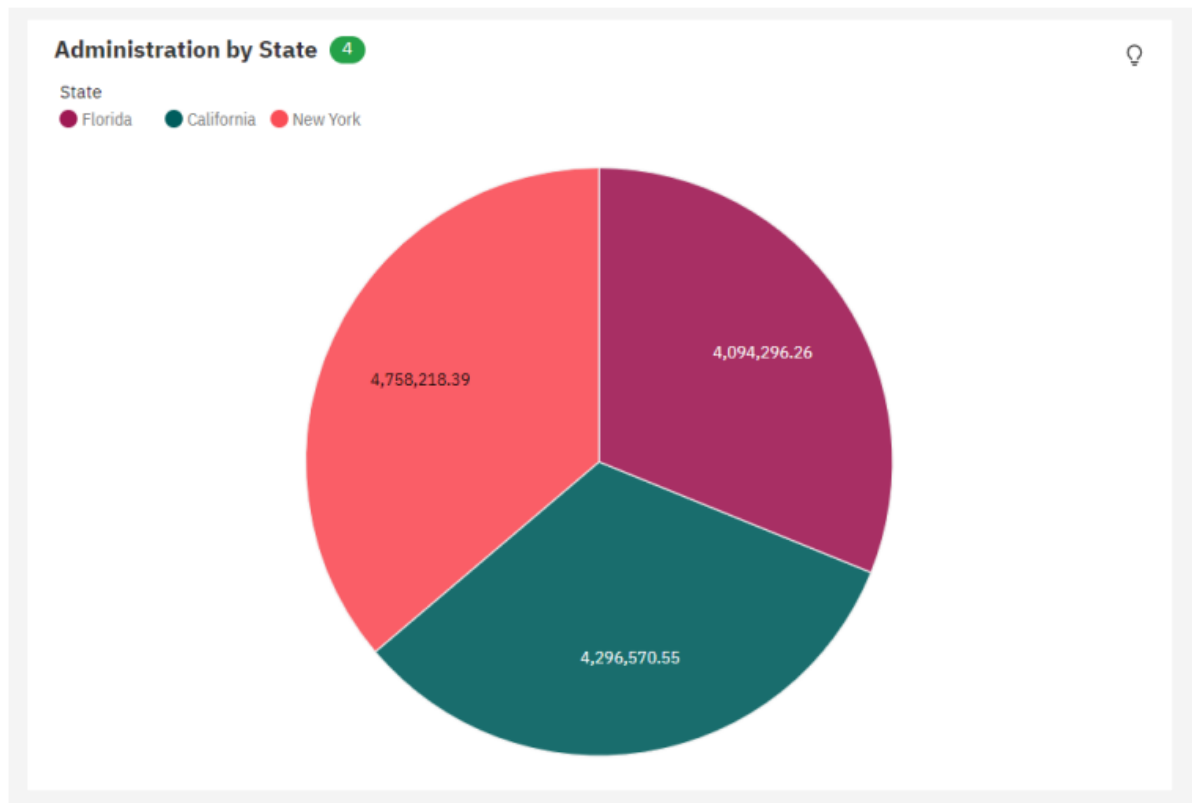
DATA VISUALIZATION

Administration and Marketing Spend by State

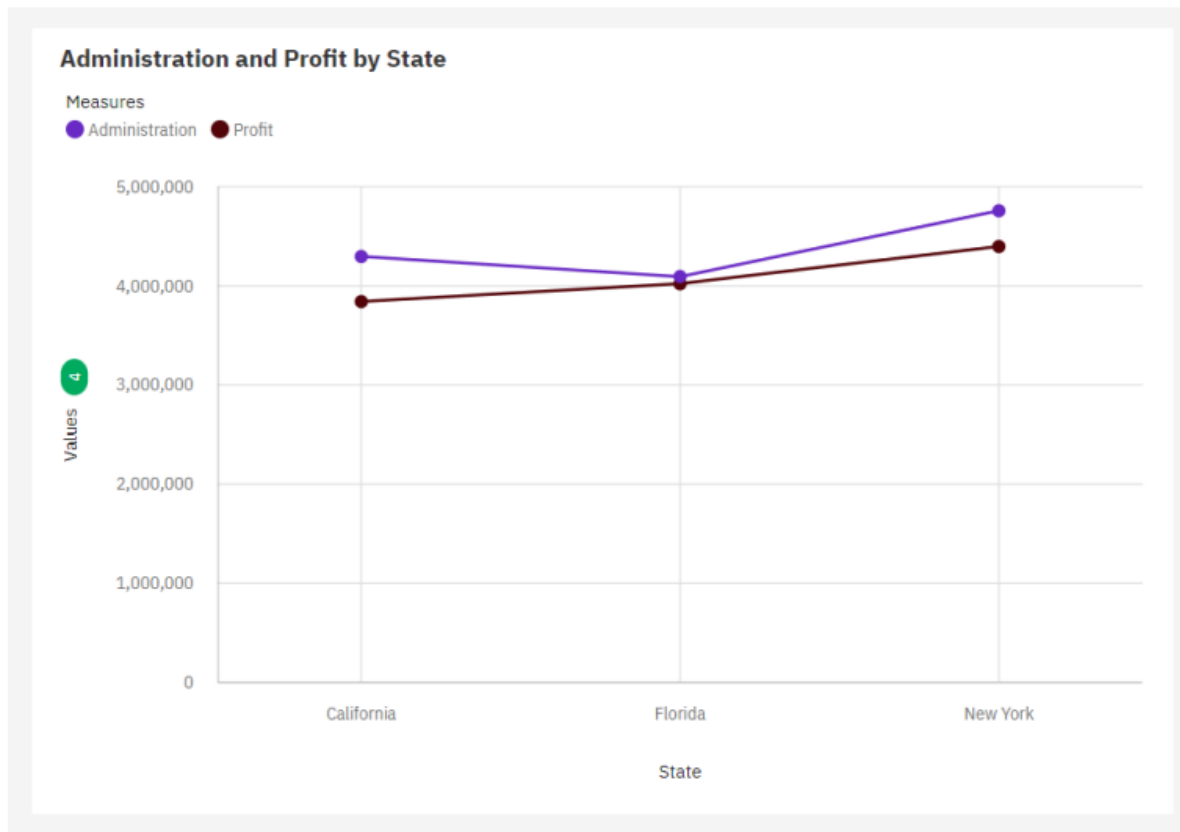


- ❖ Administration ranges from almost 4.1 million, in Florida, to nearly 4.8 million, in New York
- ❖ Marketing Spend ranges from almost 6.8 million, in California, to nearly 8.5 million, in Florida.
- ❖ The total number of results for Marketing Spend, across all states, is 108.
- ❖ Over all states, the average of Marketing Spend is nearly 215 thousand.
- ❖ The most common values of State are New York (36.1 %) and California (33.3 %), together occurring 75 times, which is 69.4 % of the total.
- ❖ The total number of results for Administration, across all states, is 108.
- ❖ Over all states, the average of Administration is nearly 122 thousand.

Administration by State

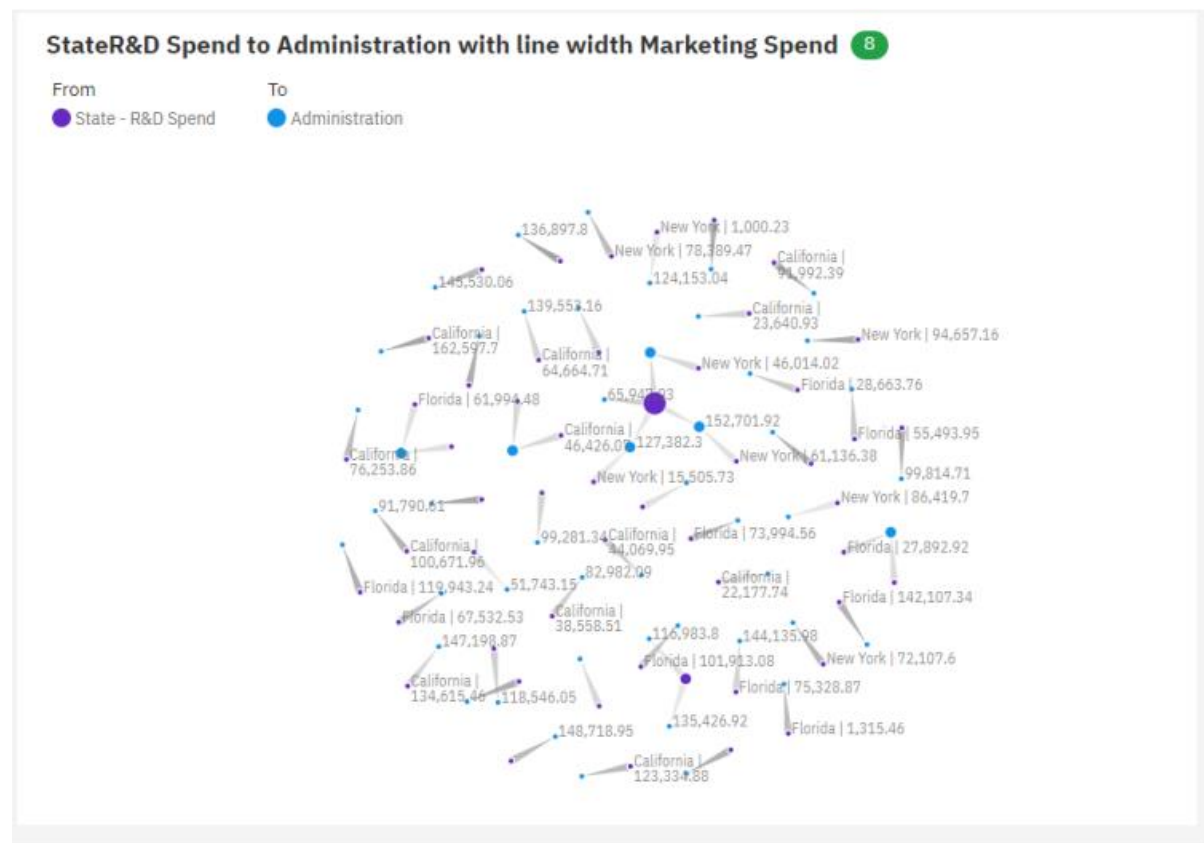


- ❖ The total number of results for Administration, across all states, is 108.
- ❖ Over all states, the average of Administration is almost 122 thousand.
- ❖ The most common values of State are New York (36.1 %) and California (33.3 %), together occurring 75 times, which is 69.4 % of the total.
- ❖ The total number of results for Profit, across all states, is 108.
- ❖ Over all states, the average of Profit is almost 114 thousand.



- Administration ranges from nearly 4.1 million, in Florida, to nearly 4.8 million, in New York.
- Profit ranges from over 3.8 million, in California, to almost 4.4 million, in New York.
- The total number of results for Profit, across all states, is 108.
- Over all states, the average of Profit is nearly 114 thousand

StateR&D Spend to Administration with line width Marketing Spend



- The most common values of State - R&D Spend are categories_CAT2 (36.1 %) and categories_CAT0 (33.3 %), together occurring 75 times, which is 69.4 % of the total.
- The most common values of Administration are 65947.93 (4.6 %) and 124153.04 (3.7 %), together occurring 9 times, which is 8.3 % of the total.
- Across all state - r&d spends, the sum of Profit is over 23 million.
- For Profit, the most significant values of State - R&D Spend are categories_CAT1 and categories_CAT2, whose respective Profit values add up to over 16 million, or 70.9 % of the total

DATA COMPARISON

