Vishal Ramaprabhu
SSNCE193002121
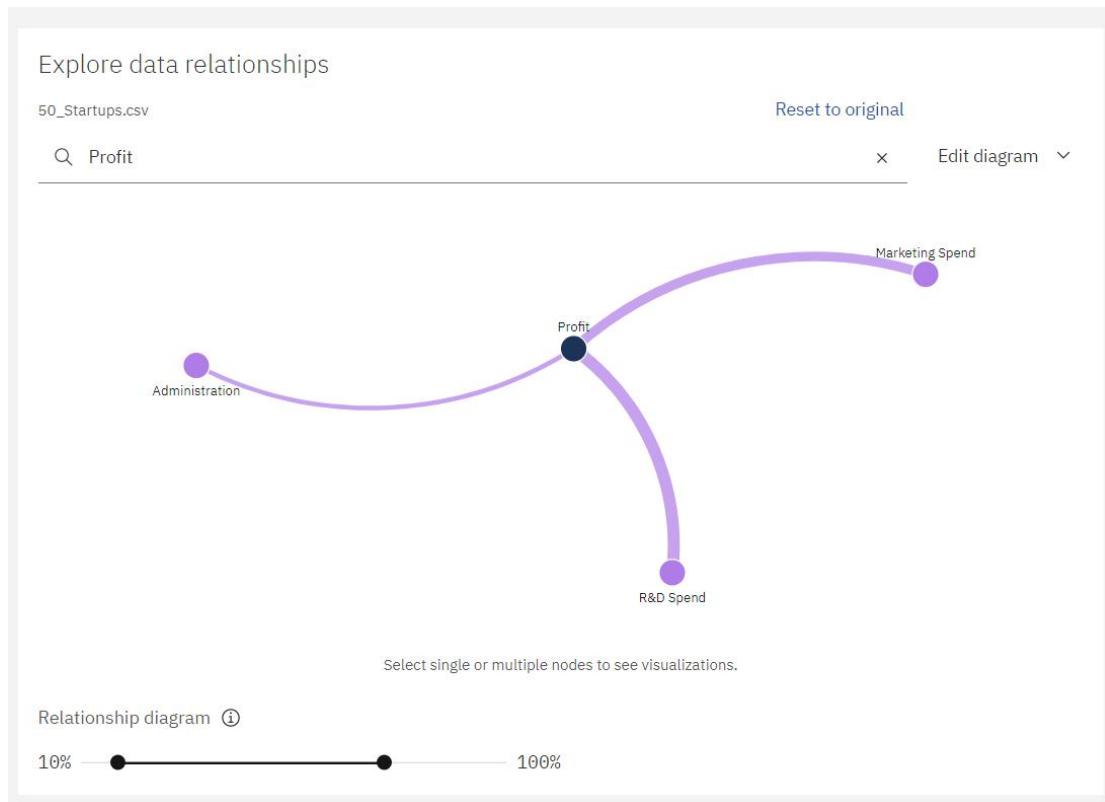
Visualizing and Predicting Heart Diseases with an Interactive Dash Board
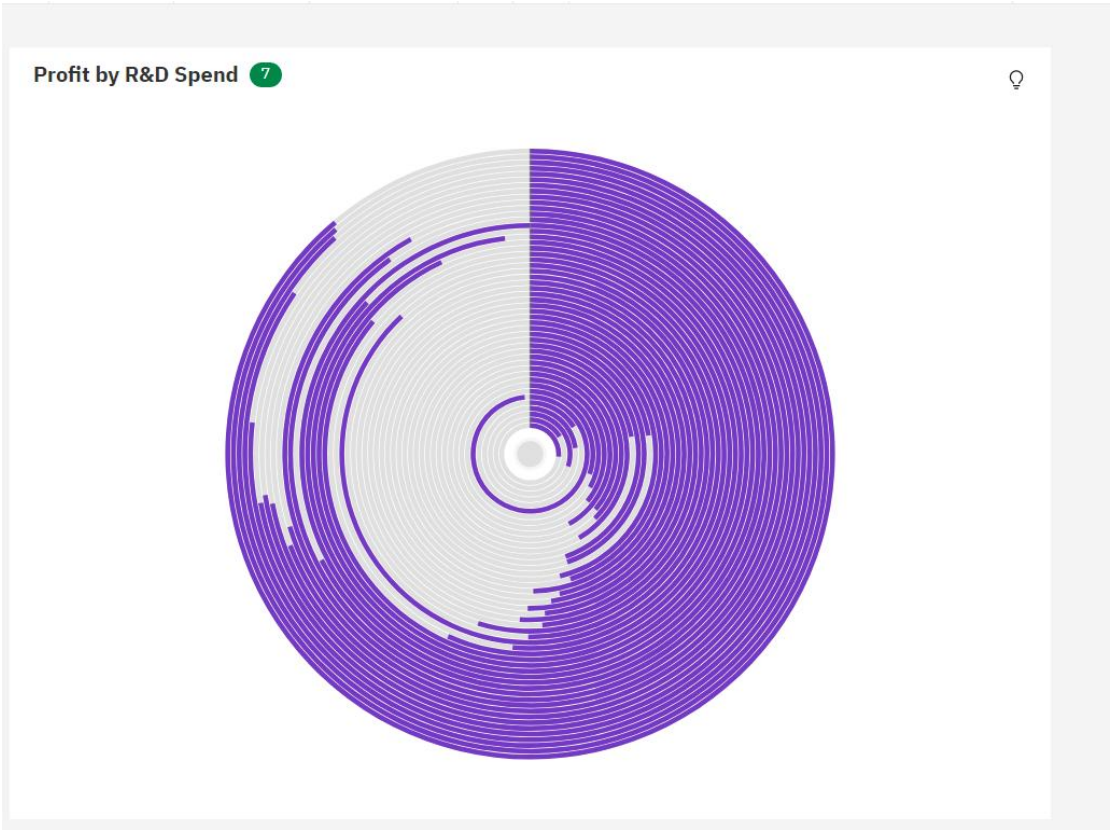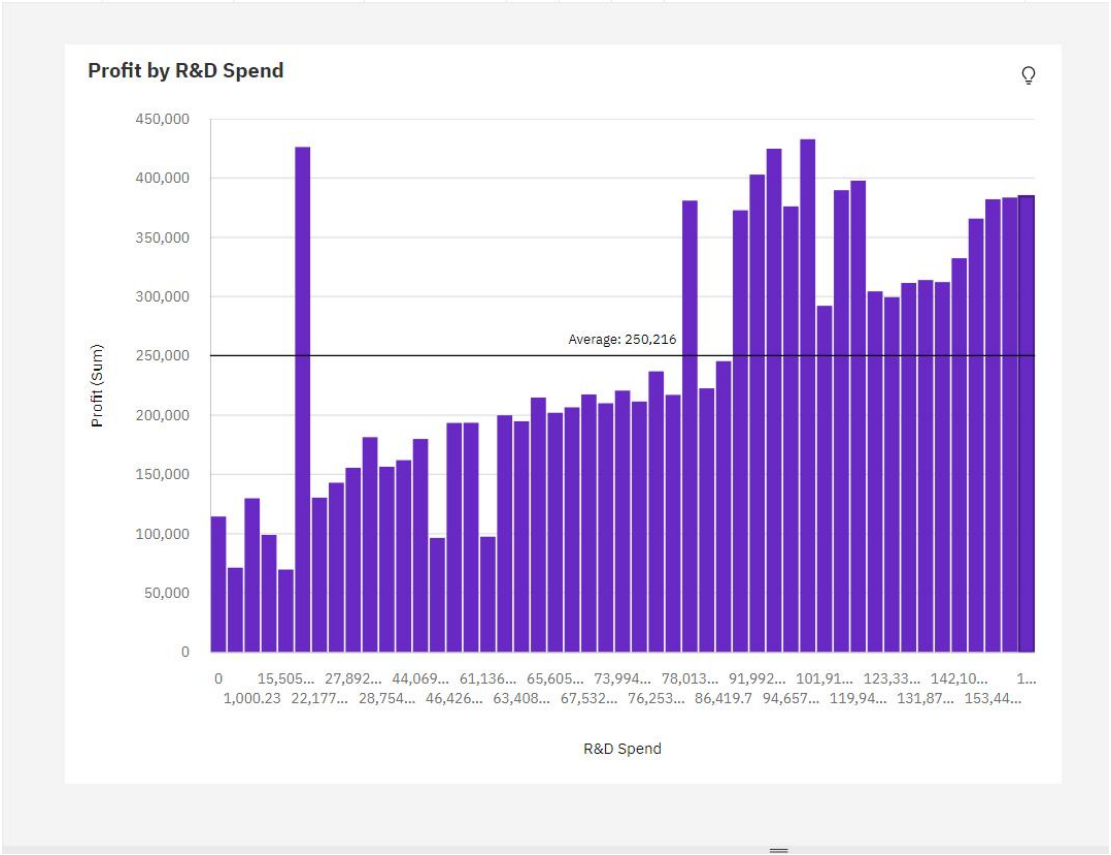Assignment 1

Data Visualization

1. Data relationship

Profit

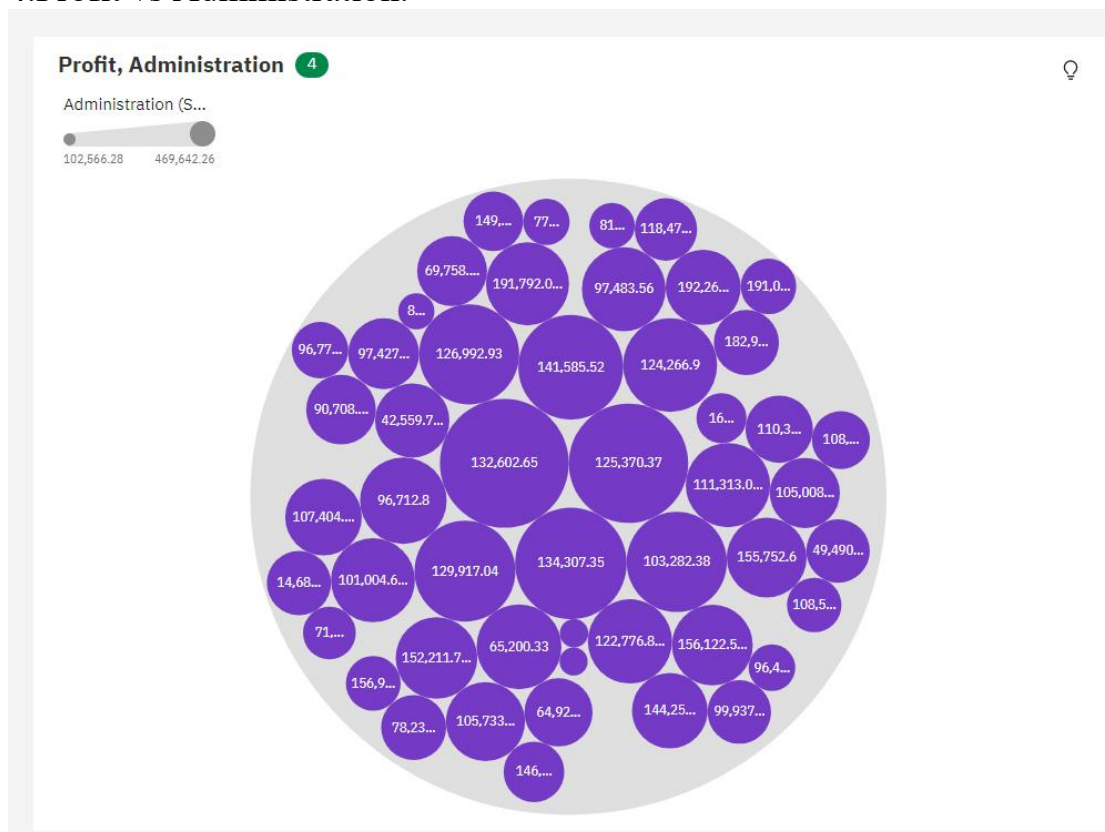● 1 Driver   ● 2 Drivers

0   20   40   60   80   100

Predictive strength

Profit by R&D Spend (Group) and Marketing Spend (Group)

Profit (Average)

48,799.99   191,701.43

| | 78630.683 to < 157261.367 | | 235892.050 to < 314522.733 | | 393153.417 and above |
| less than 78630.683 | | 157261.367 to < 235892.050 | | 314522.733 to < 393153.417 | |

Add +

2.Comparison Chart

Chart A

Marketing Spend by Profit

1,000,000 23,214,887.79

Marketing Spend (Sum)

800,000
600,000
400,000
200,000
0

14...   77,...   96,...   107...   125...   149...
   64,...   89,...   101...   111...   134...   156...

14612...   458,3...

Profit 4

Chart B

Administration by Profit

500,000

Administration (Sum)

400,000

286,104.27

200,000
100,000
0

14...   77,...   96,...   107...   125...   149...
   64,...   89,...   101...   111...   134...   156...

Profit 4

Summary	Chart A : ...ting Spend	Chart B : A...inistration	Combined
Chart percent of data set	100%	100%	-
Average	464,297.76	262,981.7	-
Chart total	23,214,887.79	13,149,085.2	-

3.Profit vs R&D Spend:

Profit for R&D Spend

Column values
● Increase ● Decrease ● Sum

Average: 250,216

R&D Spend

4.Profit vs Administration:

Profit, Administration 4

Administration (S...

102,566.28   469,642.26

5. Profit vs State:
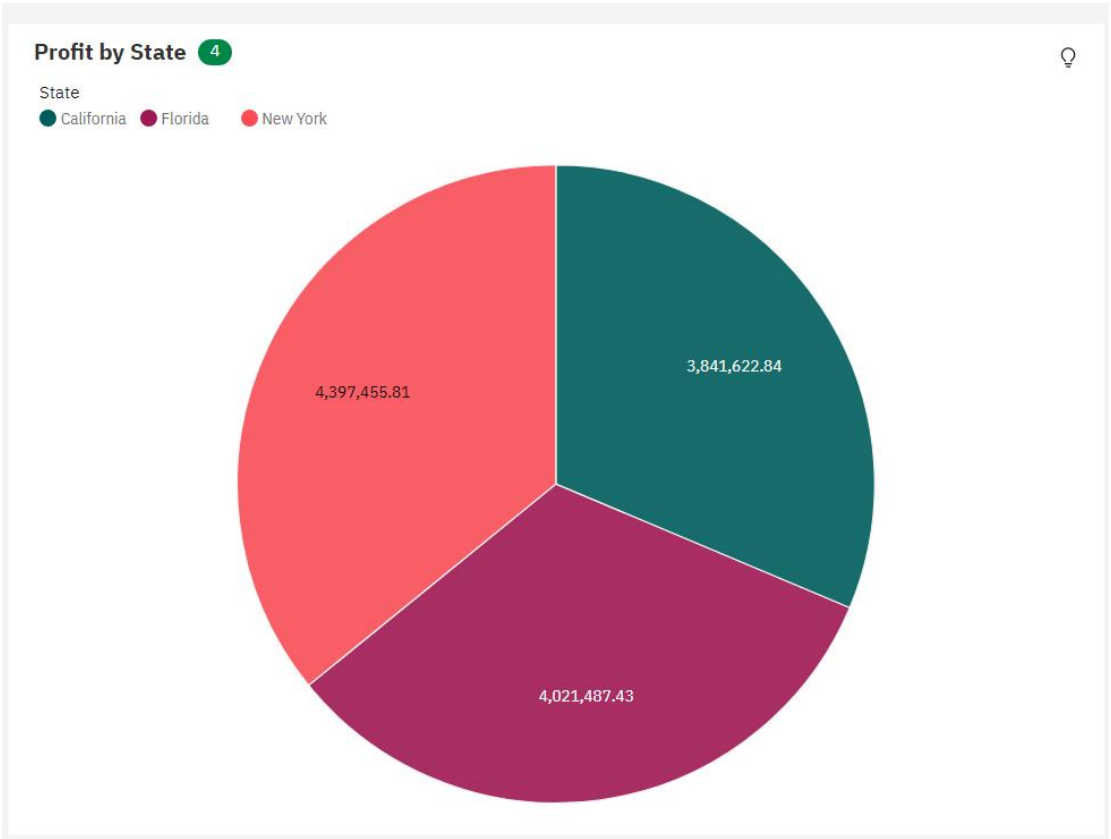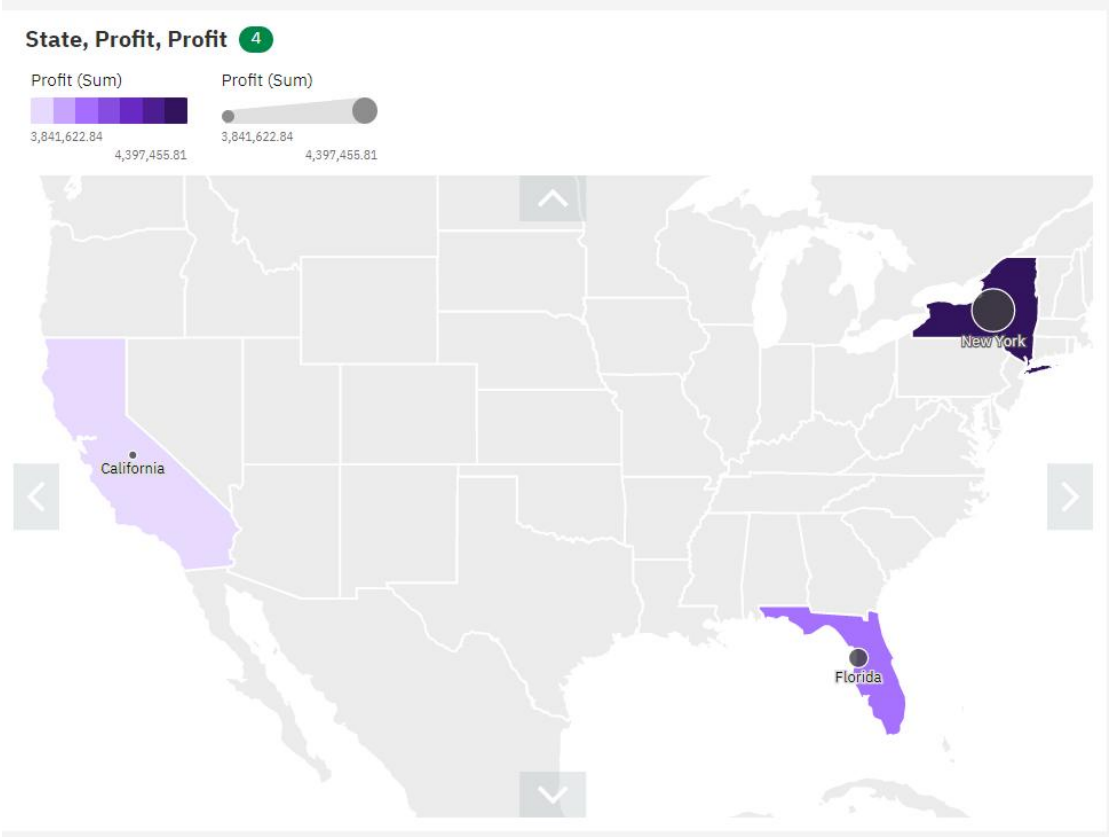
6. Profit vs R&D and Marketing Spend: