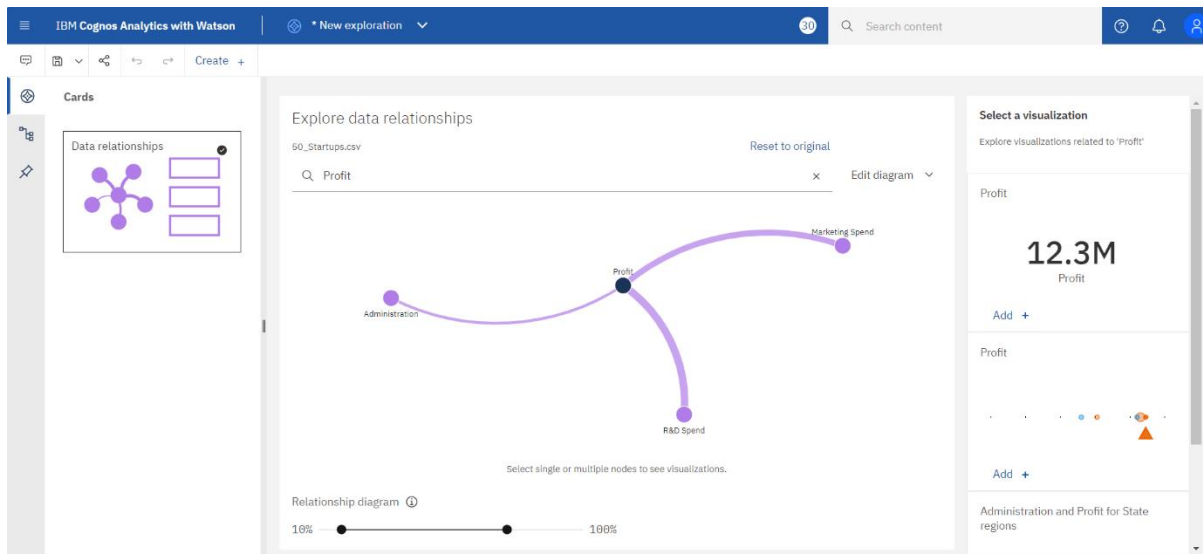


ASSIGNMENT 1

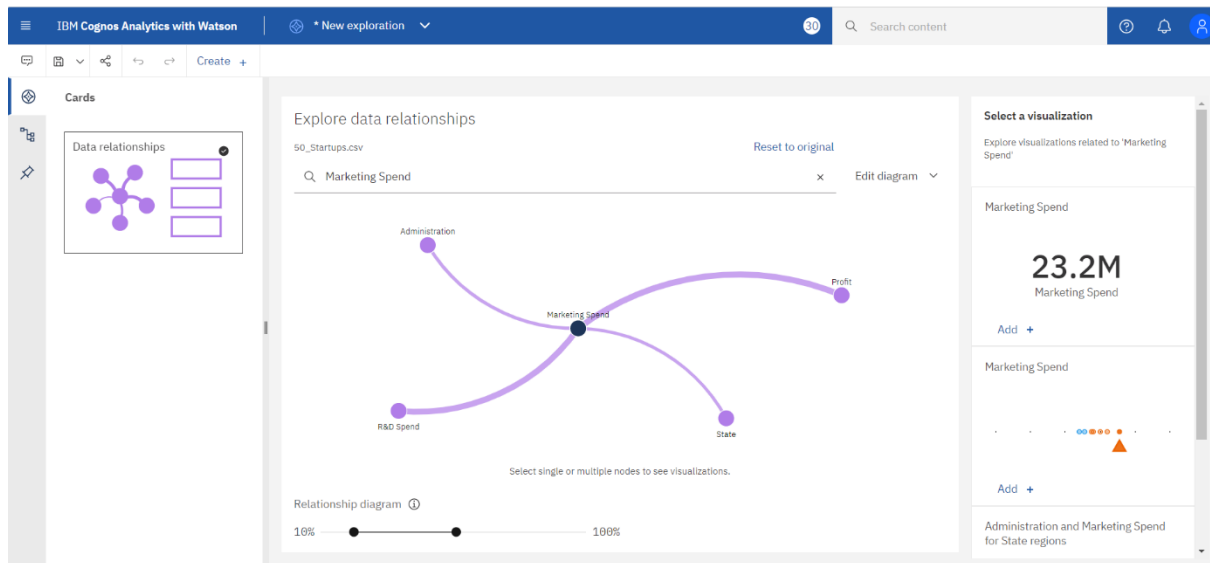
| | |
|---------------------|-----------------------|
| Assignment Date | 13 September 2022 |
| Student Name | PRAVEEN KUMAR JOSHI R |
| Student Roll Number | 111519205034 |

EXPLORATION

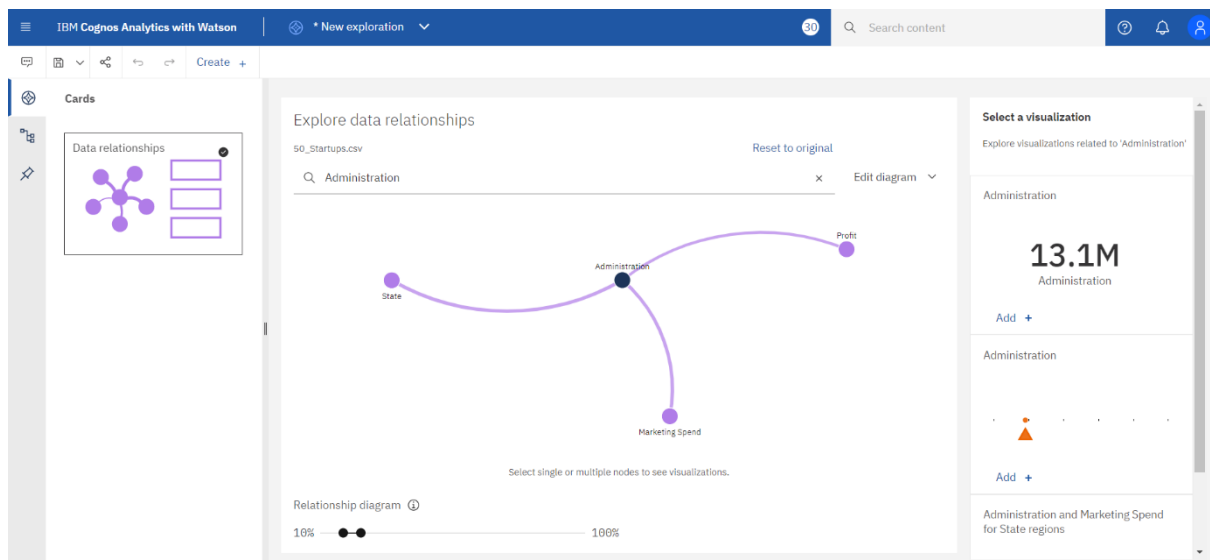
Explore Data Relationships - Profit



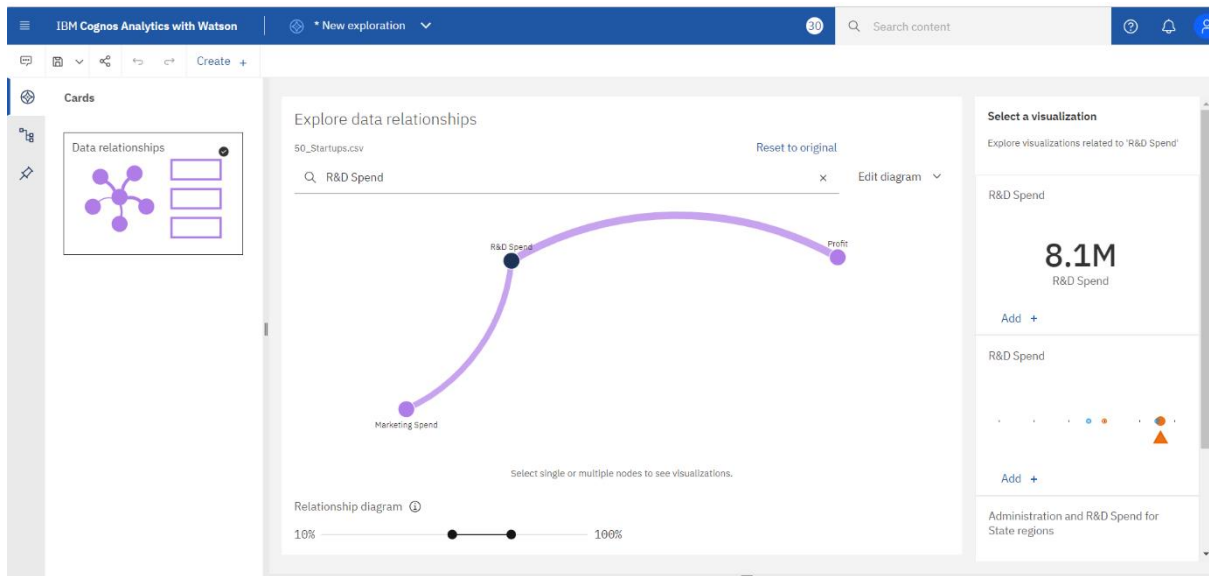
Explore Data Relationships – Marketing Spend



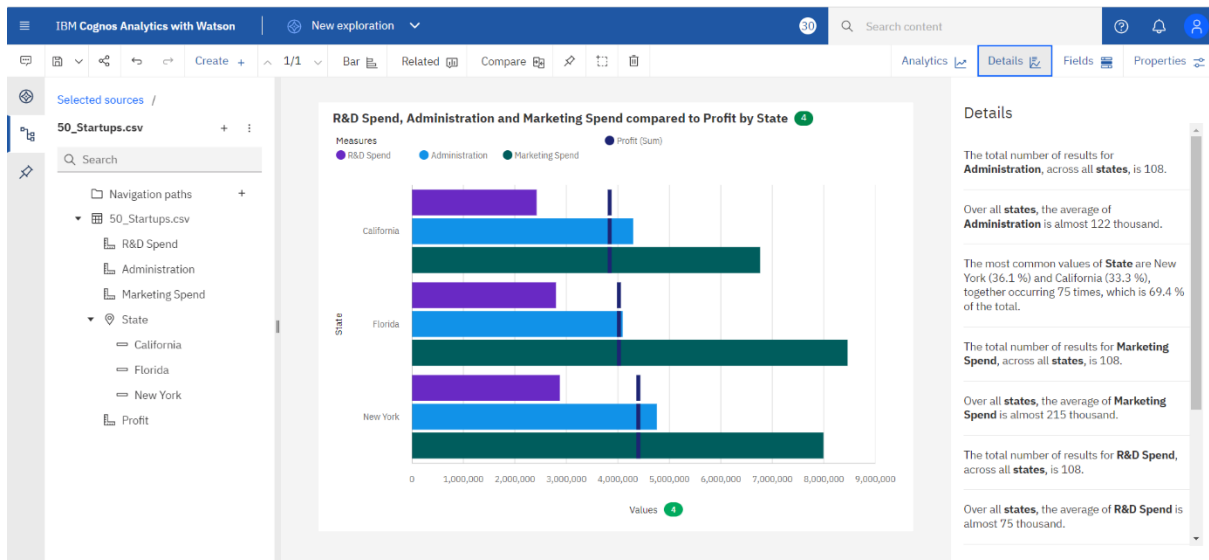
Explore Data Relationships – Administration



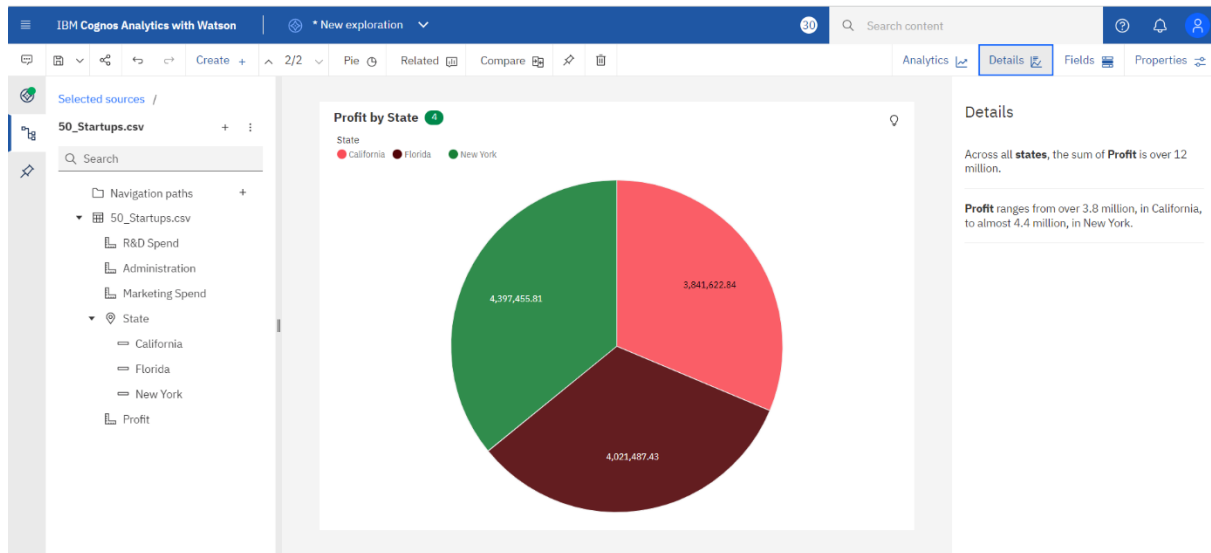
Explore Data Relationships – R & D Spend



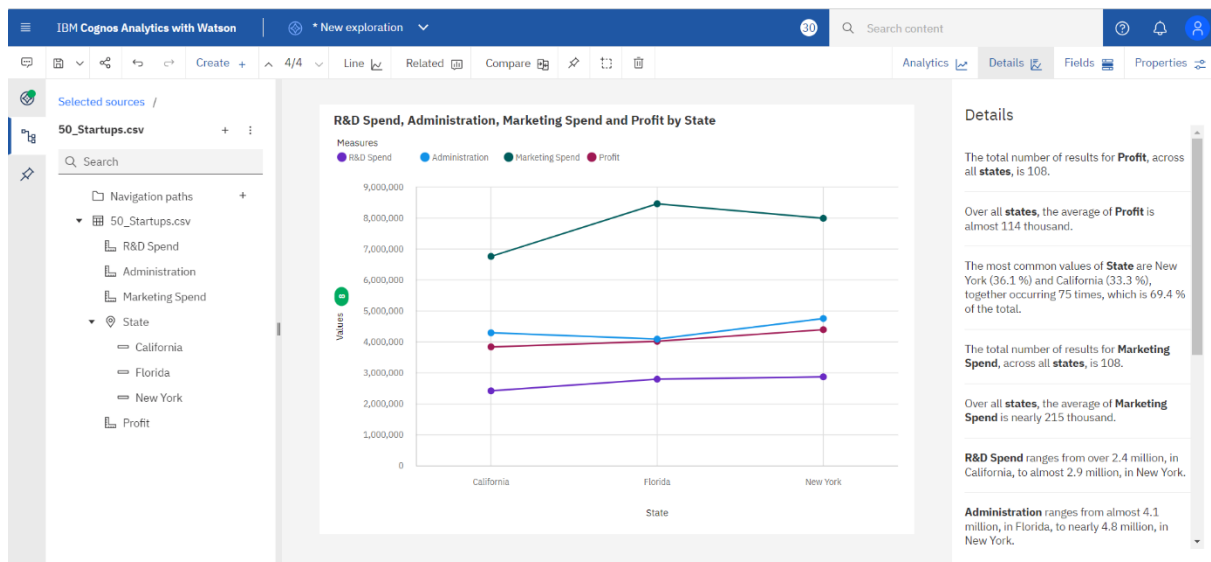
Visualization – Bar Chart



Visualization – Pie Chart



Visualization – Line



Visualization – CrossTab

IBM Cognos Analytics with Watson

* New exploration

30

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Analytics

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Properties

Selected sources /

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Q Search

Navigation paths

50_Startups.csv

- R&D Spend
- Administration
- Marketing Spend

State

- California
- Florida
- New York

Profit

R&D Spend, Administration, Marketing Spend and Profit for State 8

| | California | Florida | New York | Summary |
|-----------------|--------------|--------------|--------------|---------------|
| R&D Spend | 2,422,612.31 | 2,798,837.27 | 2,874,159 | 8,095,608.58 |
| Administration | 4,296,570.55 | 4,094,296.26 | 4,758,218.39 | 13,149,085.2 |
| Marketing Spend | 6,762,349.47 | 8,460,023.62 | 7,992,514.7 | 23,214,887.79 |
| Profit | 3,841,622.84 | 4,021,487.43 | 4,397,455.81 | 12,260,566.08 |

Details

R&D Spend ranges from over 2.4 million, in California, to nearly 2.9 million, in New York.

Administration ranges from nearly 4.1 million, in Florida, to nearly 4.8 million, in New York.

Marketing Spend ranges from nearly 6.8 million, in California, to nearly 8.5 million, in Florida.

Profit ranges from over 3.8 million, in California, to almost 4.4 million, in New York.

The total number of results for **R&D Spend**, across all **states**, is 3.

Over all **states**, the average of **R&D Spend** is almost 2.7 million.

The total number of results for **Administration**, across all **states**, is 3.