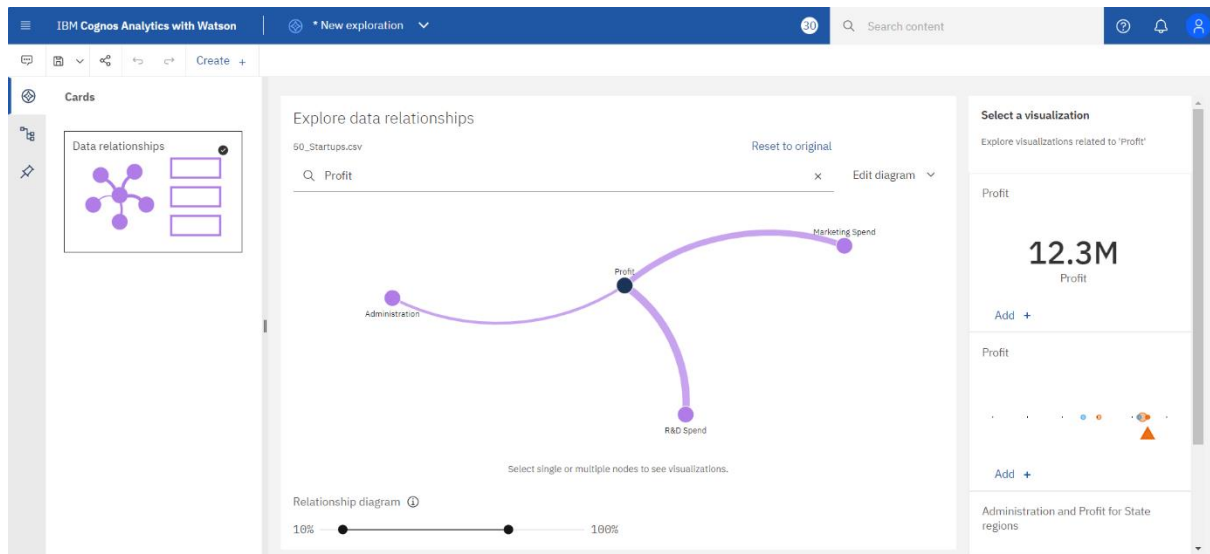


ASSIGNMENT 1

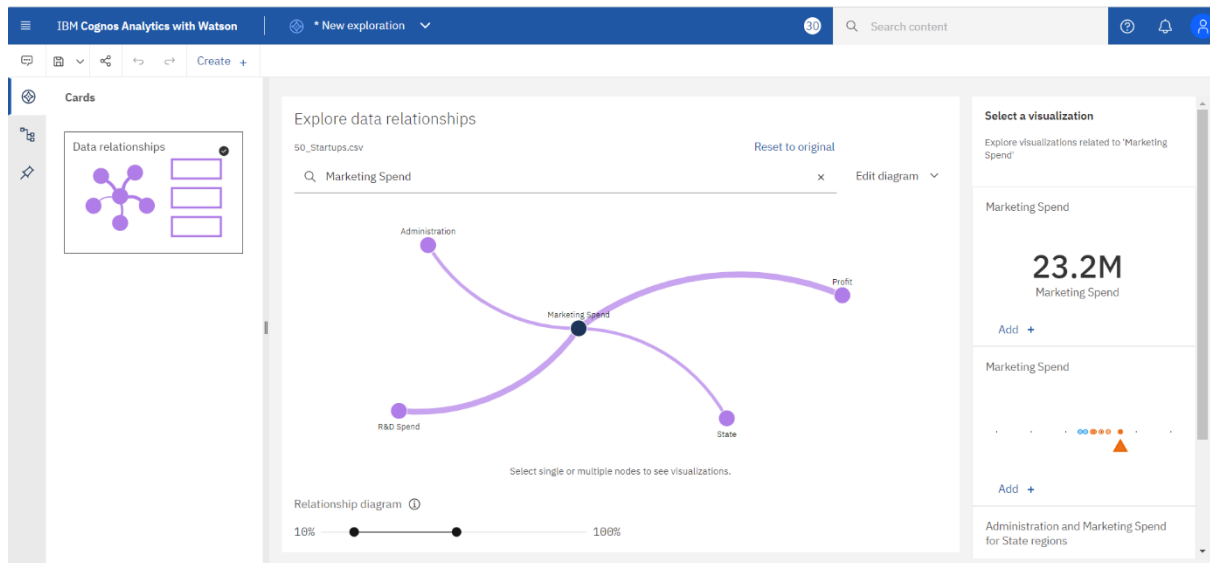
Assignment Date	13 September 2022
Student Name	PONARASU A
Student Roll Number	111519205032

EXPLORATION

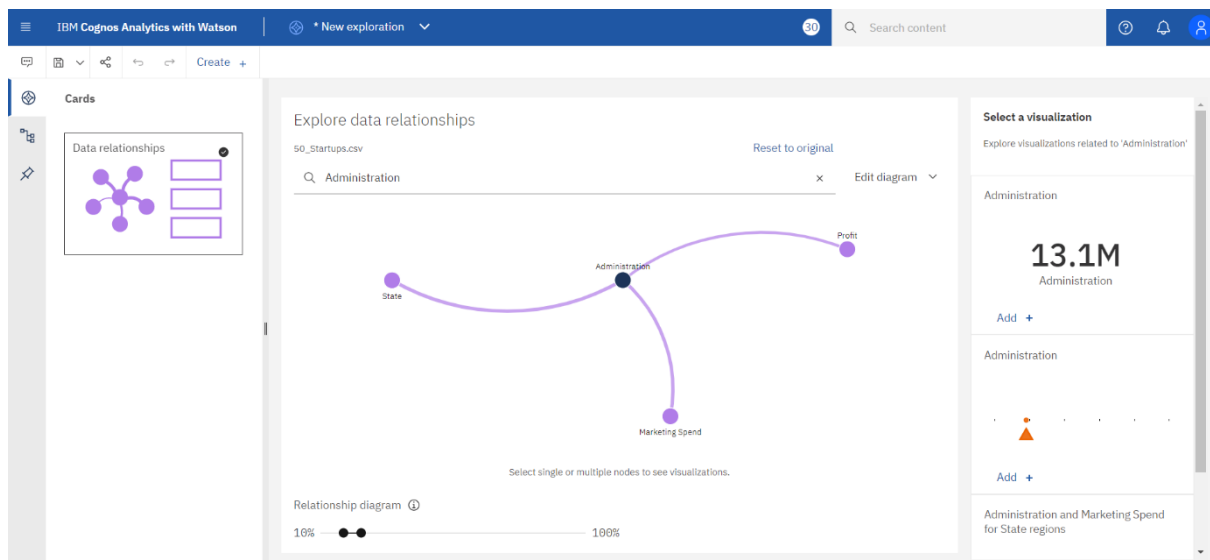
Explore Data Relationships - Profit



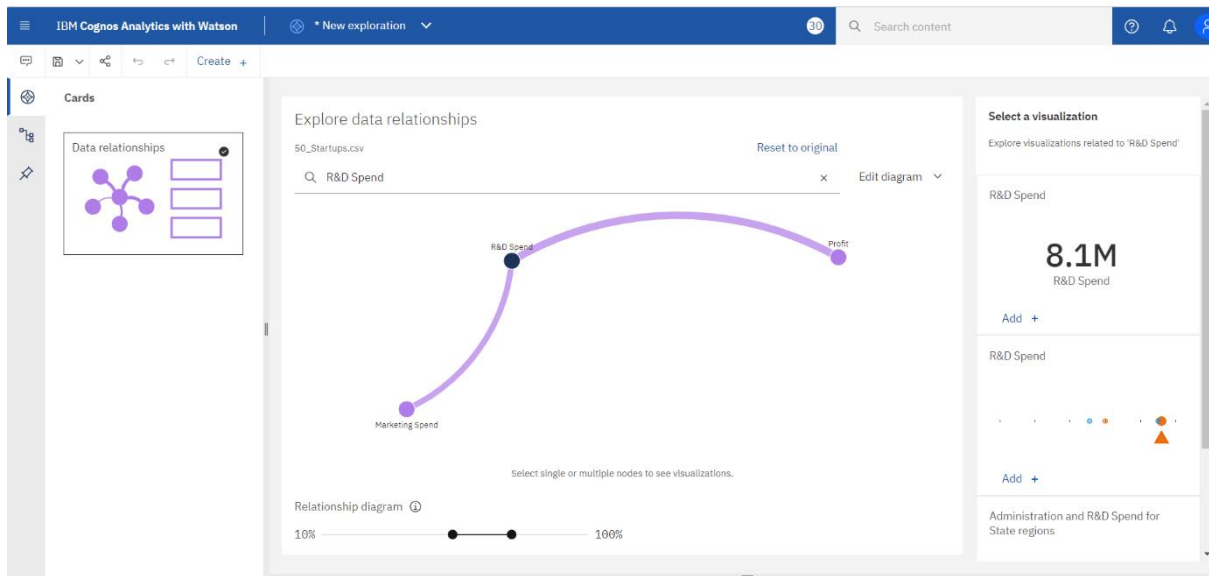
Explore Data Relationships – Marketing Spend



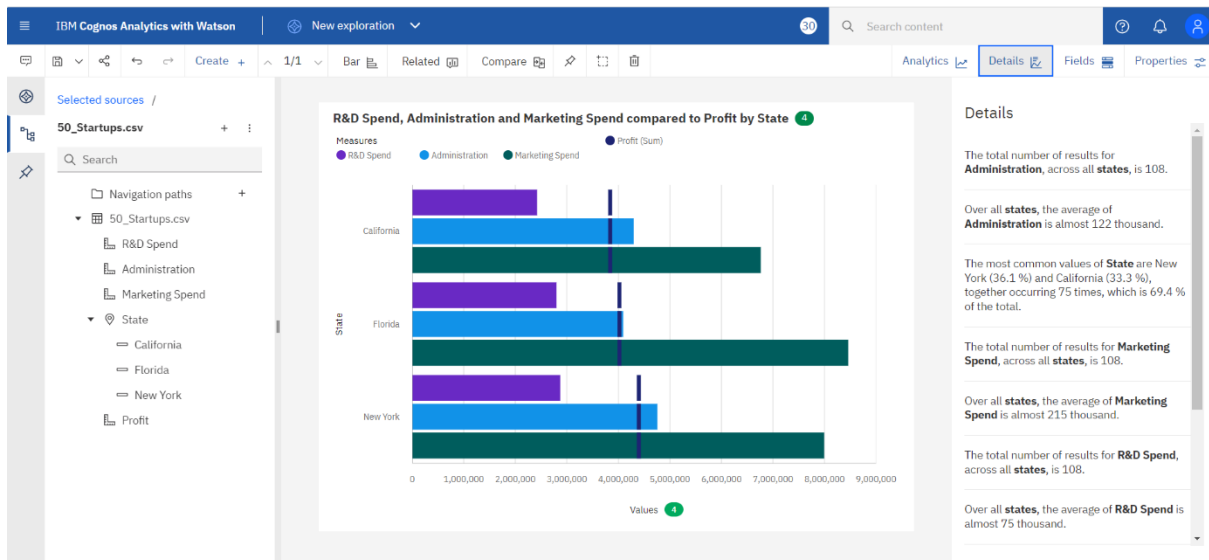
Explore Data Relationships – Administration



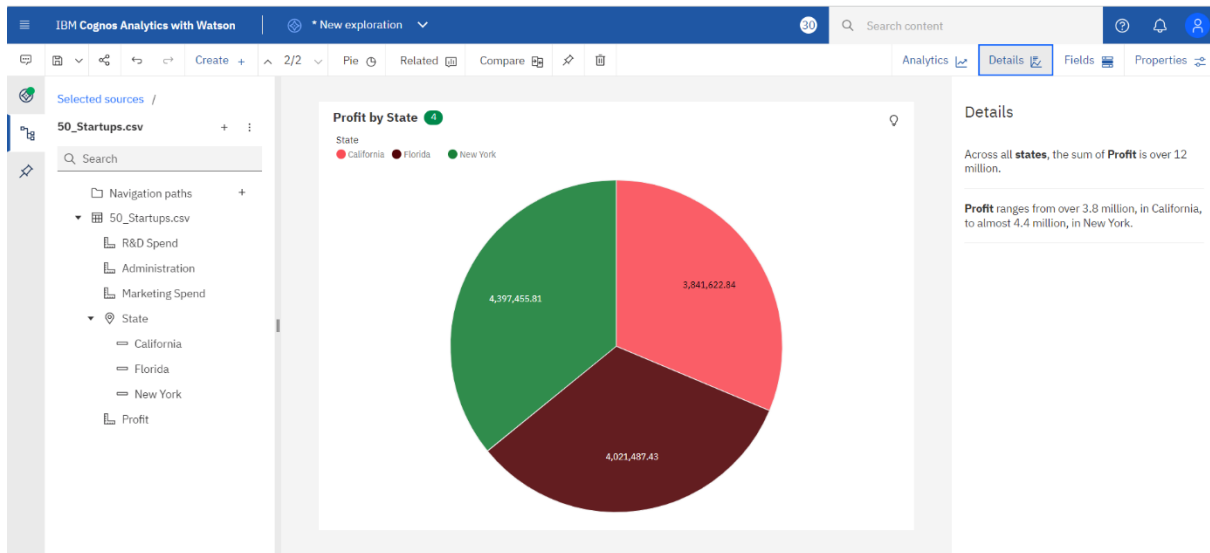
Explore Data Relationships – R & D Spend



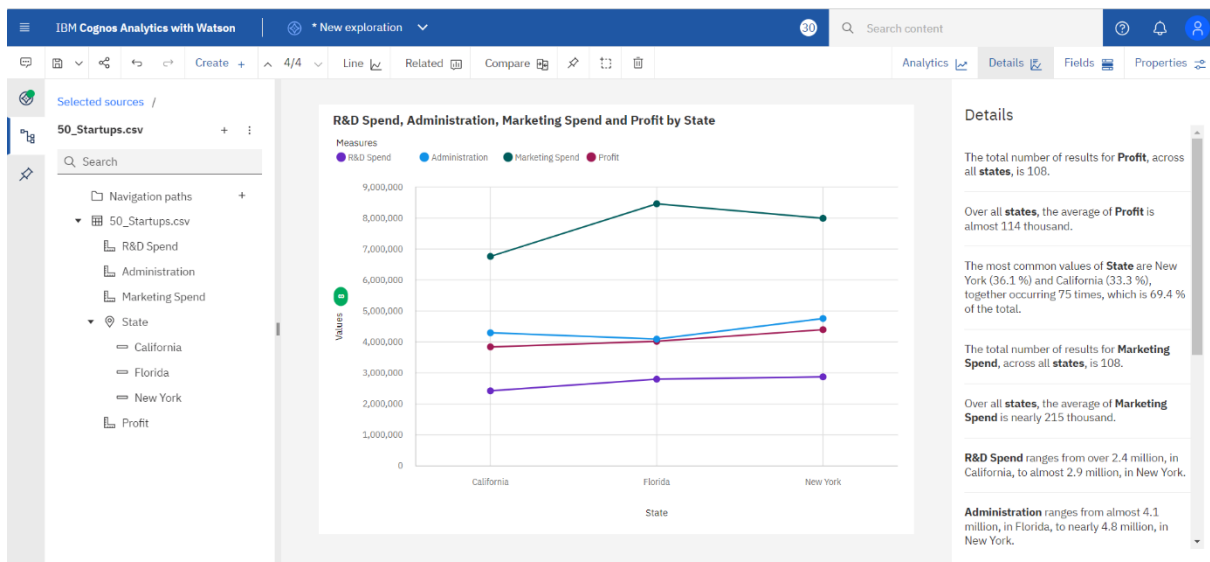
Visualization – Bar Chart



Visualization – Pie Chart



Visualization – Line



Visualization – CrossTab

IBM Cognos Analytics with Watson

* New exploration

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Analytics

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Fields

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50_Startups.csv

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

	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.