

ASSIGNMENT 1

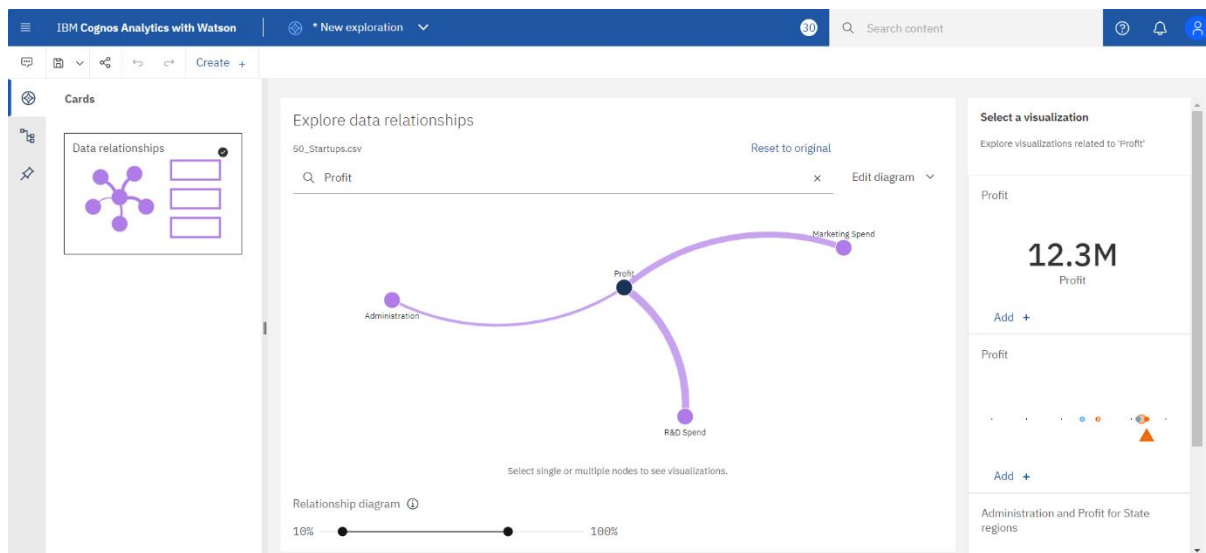
EXPLORATION

Assignment Date	15 September 2022
Student Name	RANJANI RJ
Student Roll Number	111519205037

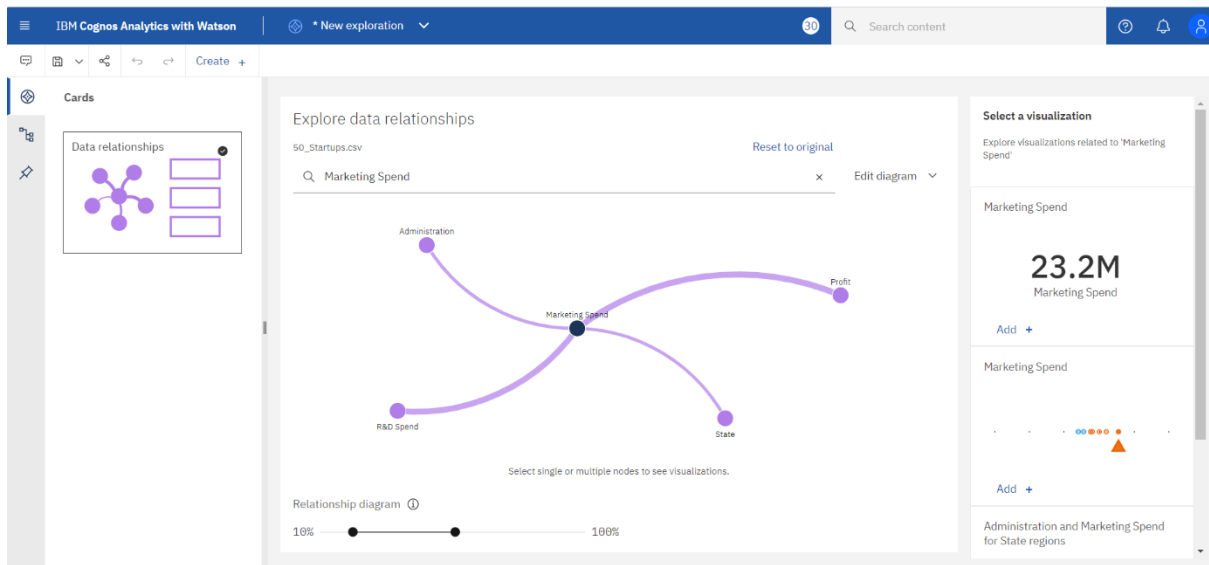
QUESTION

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

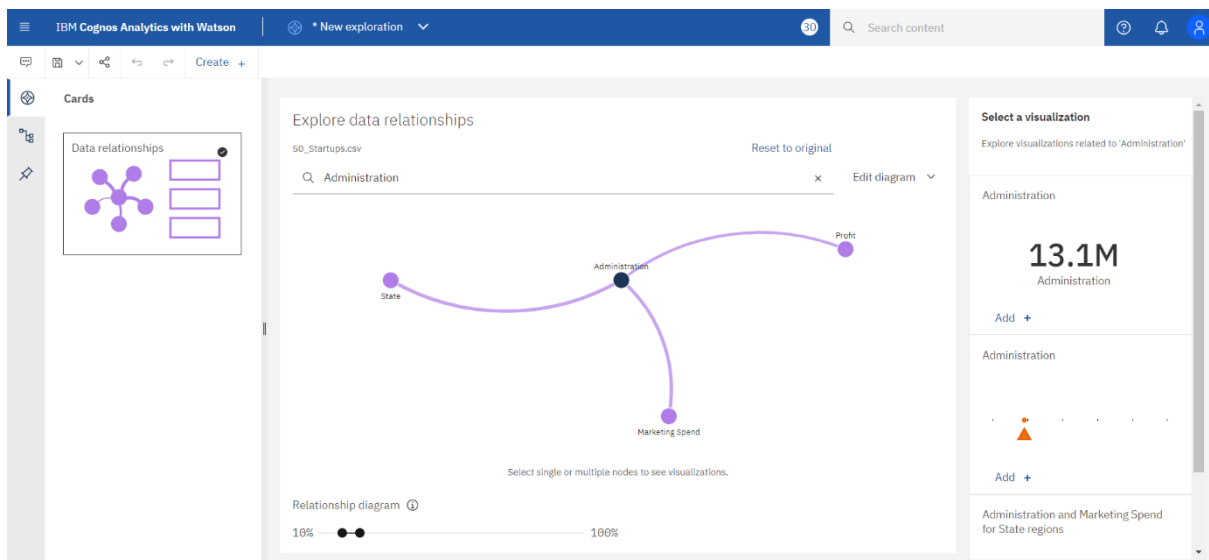
Explore Data Relationships - Profit



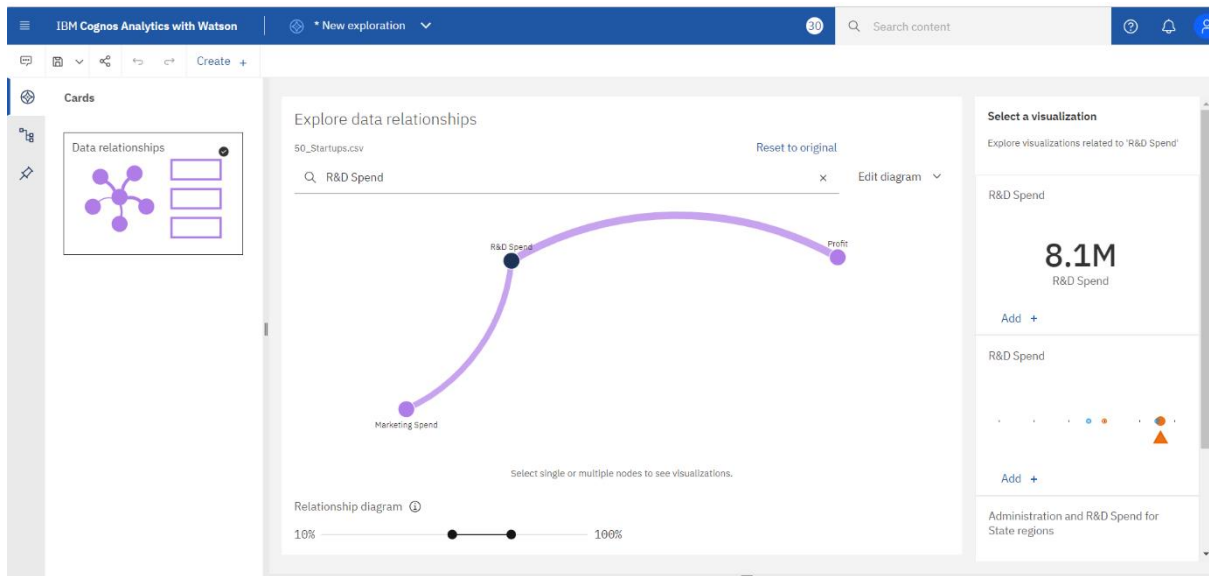
Explore Data Relationships – Marketing Spend



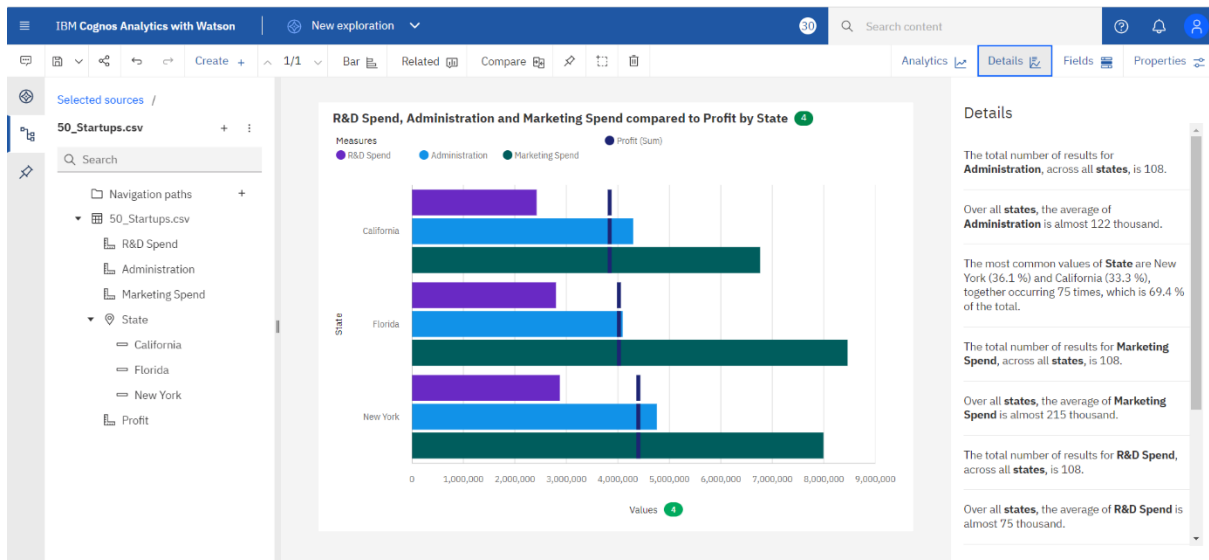
Explore Data Relationships – Administration



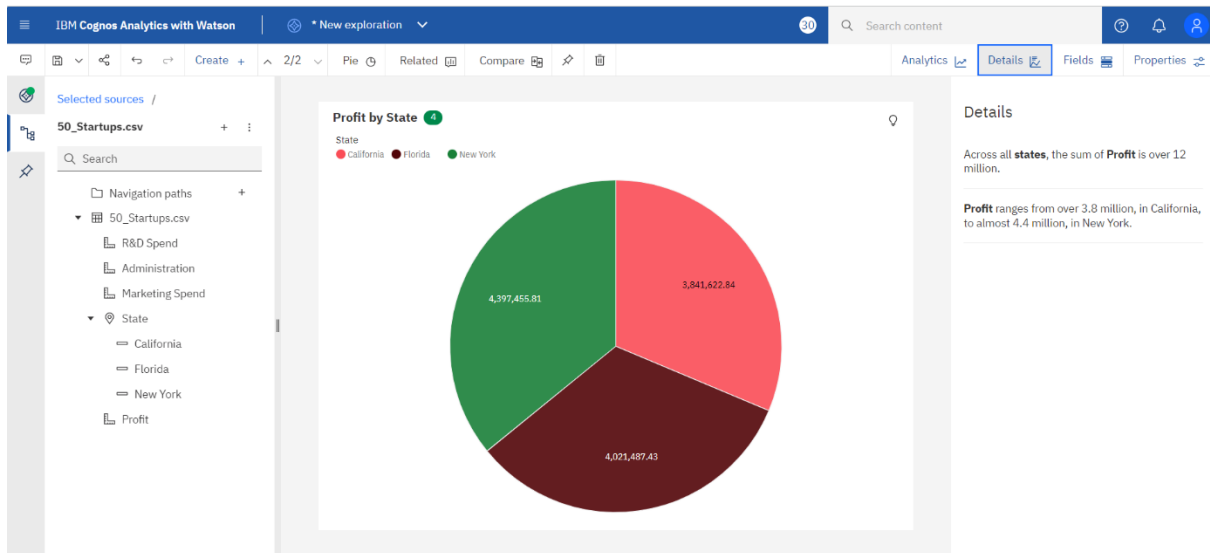
Explore Data Relationships – R & D Spend



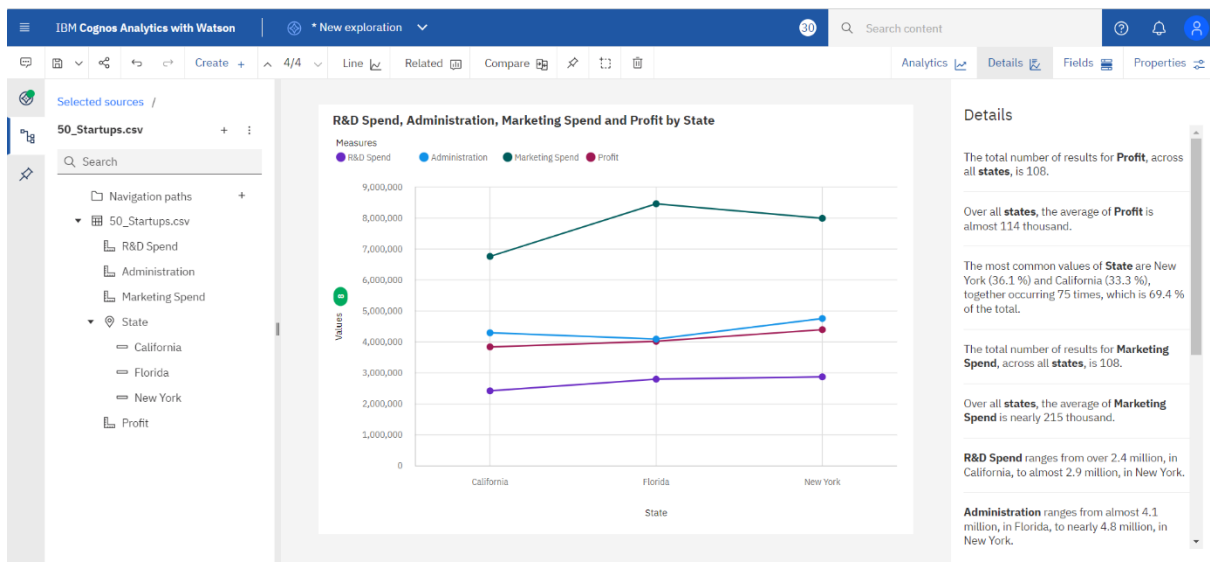
Visualization – Bar Chart



Visualization – Pie Chart



Visualization – Line



Visualization – CrossTab

IBM Cognos Analytics with Watson

* New exploration

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Analytics

Details

Fields

Properties

Selected sources /

50_Startups.csv

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

	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.