Upload the dataset to Cog Analytics, explore and visualize the dataset
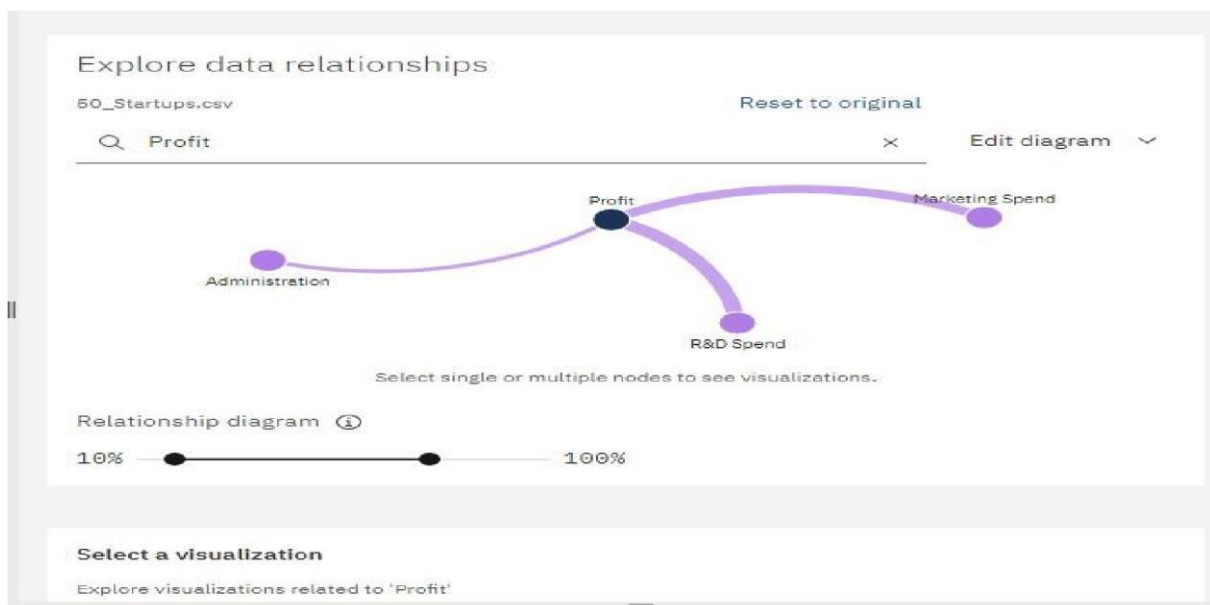
1.Uploading Dataset to IBM Cognos Analytics:
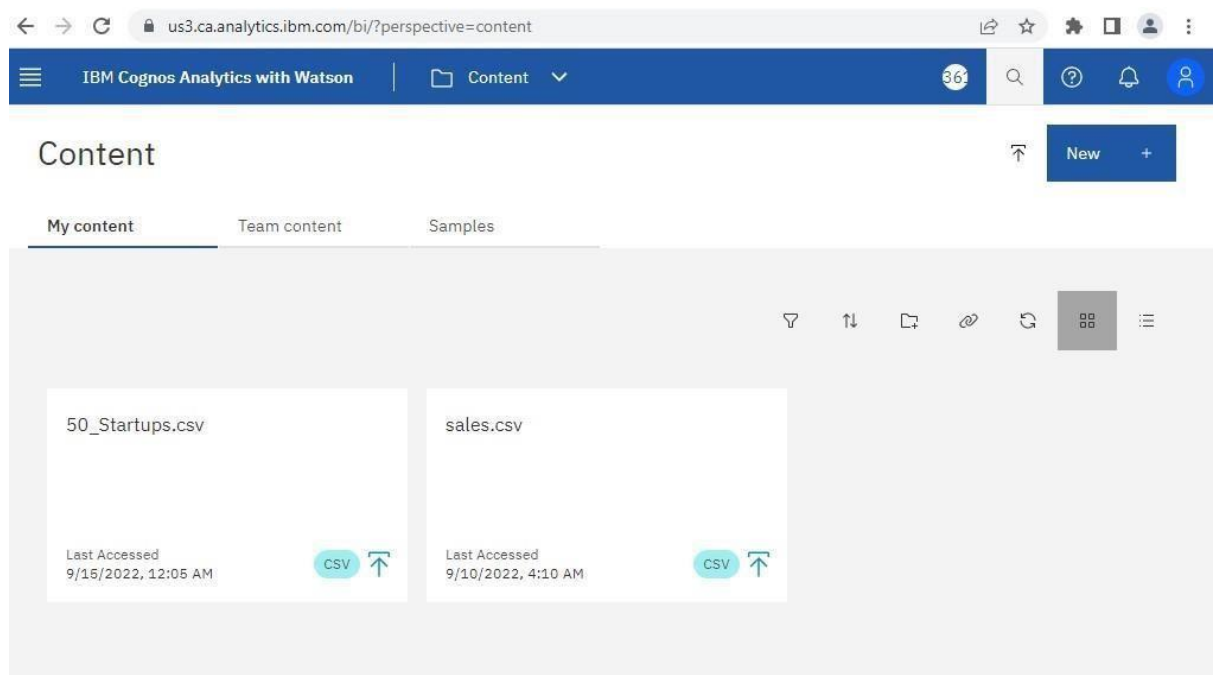
2.Data Exploration:

State Compared To Administration and Marketing Spend
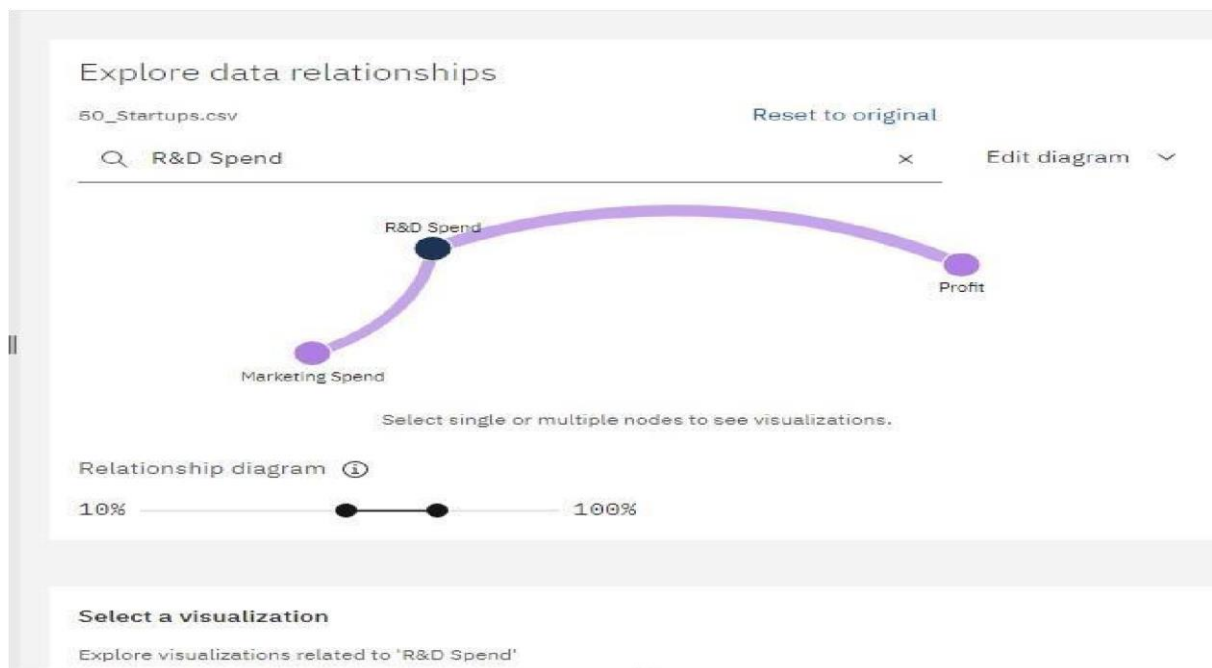

Administration,R&D Spend, Marketing Spend Compared To Profit

Marketing Spend Compared To State ,Administration,R&D Spend
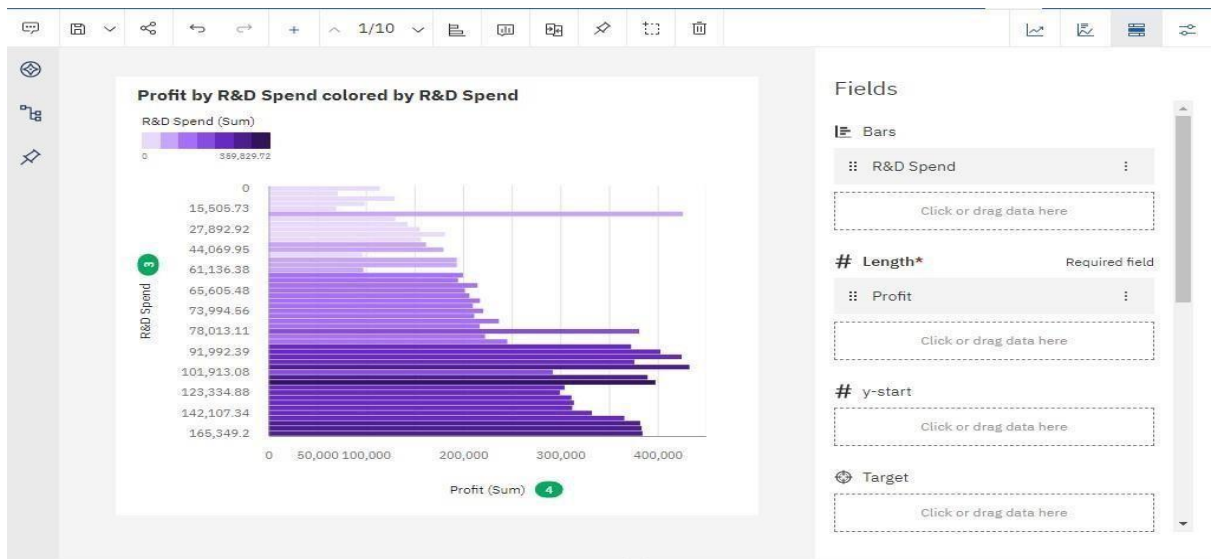and Profit

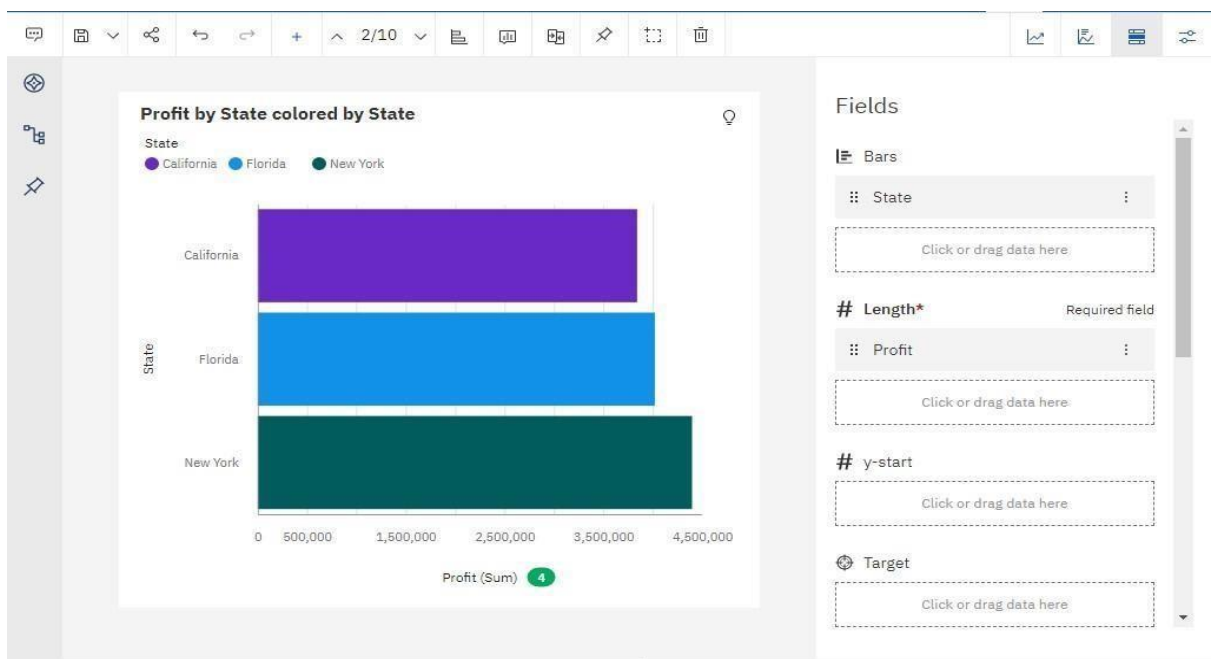Administration Compared To, Marketing Spend,State and Profit

R&D SpendCompared To Marketing Spend,

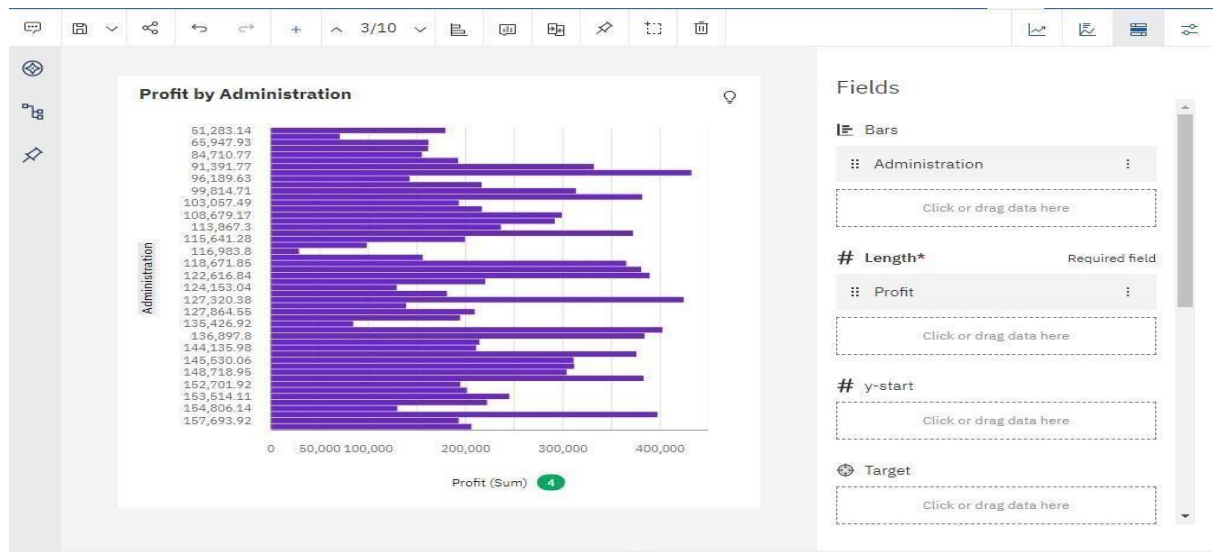and Profit

3.Data Visualization:

Bar chart Representation:

Bar chart for Profit to R&D Spend

Profit Compared to State

Profit by Administration

Administration		
61,283.14		
65,947.93		
84,710.77		
91,391.77		
96,189.63		
99,814.71		
103,057.49		
108,679.17		
113,867.3		
115,641.28		
116,983.8		
118,671.85		
122,616.84		
124,153.04		
127,320.38		
127,864.55		
135,426.92		
136,897.8		
144,135.98		
145,530.06		
148,718.95		
152,701.92		
153,514.11		
164,806.14		
157,693.92		

Profit (Sum) 4

Fields

Bars
Administration

Click or drag data here

 # Length* Required field
Profit

Click or drag data here

 # y-start

Click or drag data here

Target

Click or drag data here

Profit Compared to Administration

Profit by Marketing Spend

Marketing Spend		
0		
28,334.72		
45,173.06		
88,218.23		
107,138.38		
127,716.82		
137,962.62		
148,001.11		
172,795.67		
185,265.1		
201,126.82		
210,797.67		
229,160.95		
249,839.44		
256,512.92		
264,346.06		
294,919.57		
298,664.47		
303,319.26		
304,981.62		
323,876.68		
362,861.36		
383,199.62		
443,898.53		

Profit (Sum) 4

Fields

Bars
Marketing Spend

Click or drag data here

 # Length* Required field
Profit

Click or drag data here

 # y-start

Click or drag data here

Target

Click or drag data here

Profit Compared to Marketing Spend

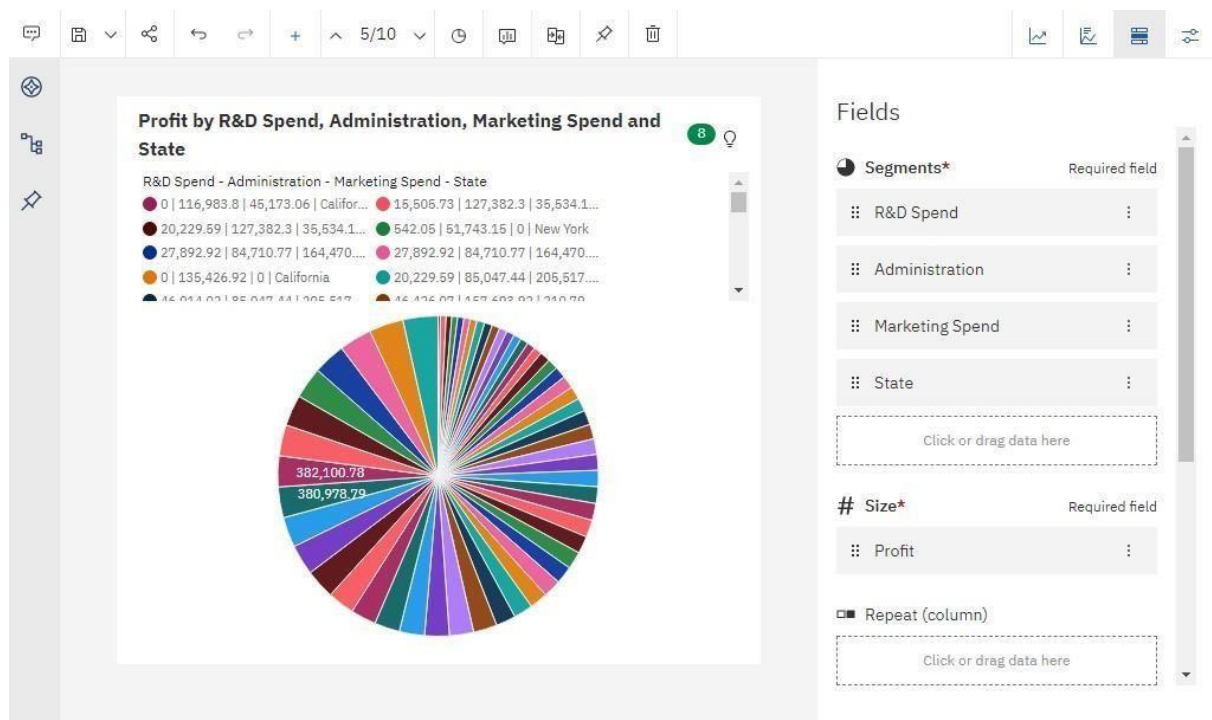**Pie Chart Representation:**

Profit Compared to R&D Spend,Administration,Marketing Spend and State

Profit for State and Administration 4

Profit	California	Florida	New York	Summ
51,283.14	179,898.28	(no value)	(no value)	
51,743.15	(no value)	(no value)	71,346.82	
65,947.93	(no value)	(no value)	162,458.12	
82,982.09	162,011.52	(no value)	(no value)	
84,710.77	(no value)	77,798.83	77,798.83	
85,047.44	(no value)	(no value)	192,959.02	
91,391.77	(no value)	332,375.88	(no value)	
91,790.61	432,778.2	(no value)	(no value)	
96,189.63	142,996.98	(no value)	(no value)	
99,281.34	(no value)	(no value)	217,104.08	
99,814.71	(no value)	(no value)	313,982.24	
101,145.55	(no value)	382,100.78	(no value)	

Fields

Columns
State

Click or drag data here

Rows
Administration

Click or drag data here

 # Values*   Required field
Profit

Click or drag data here

Local filters

Profit For State and Administration

Profit for State and Marketing Spend 5

Profit	California	Florida	New York	Summ
0	85,119.46	(no value)	316,900.54	
1,903.93	(no value)	(no value)	129,852.16	
28,334.72	130,400.66	(no value)	(no value)	
35,534.17	(no value)	(no value)	139,517.96	
45,173.06	29,362.8	(no value)	(no value)	
46,085.25	194,855.68	(no value)	(no value)	
88,218.23	(no value)	(no value)	194,967.12	
91,131.24	(no value)	99,937.59	99,937.59	
107,138.38	(no value)	(no value)	202,009.28	
118,148.2	(no value)	206,564.76	(no value)	
127,716.82	312,245.02	(no value)	(no value)	
134,050.07	(no value)	211,467.08	(no value)	

Fields

Columns
State

Click or drag data here

Rows
Marketing Spend

Click or drag data here

 # Values*   Required field
Profit

Click or drag data here

Local filters

Profit For State and Marketing

Profit for State and Marketing Spend 5

Profit	California	Florida	New York	Summ
0	85,119.46	(no value)	316,900.54	
1,903.93	(no value)	(no value)	129,852.16	
28,334.72	130,400.66	(no value)	(no value)	
35,534.17	(no value)	(no value)	139,517.96	
45,173.06	29,362.8	(no value)	(no value)	
46,085.25	194,855.68	(no value)	(no value)	
88,218.23	(no value)	(no value)	194,967.12	
91,131.24	(no value)	99,937.59	99,937.59	
107,138.38	(no value)	(no value)	202,009.28	
118,148.2	(no value)	206,564.76	(no value)	
127,716.82	312,245.02	(no value)	(no value)	
134,050.07	(no value)	211,467.08	(no value)	

Fields

Columns
State

Click or drag data here

Rows
Marketing Spend

Click or drag data here

 # Values*   Required field
Profit

Click or drag data here

Local filters

Profit For State and Marketing Spend

Profit for State and R&D Spend 7

Profit	California	Florida	New York	Summ
0	114,482.26	(no value)	(no value)	
542.05	(no value)	(no value)	71,346.82	
1,000.23	(no value)	(no value)	129,852.16	
1,315.46	(no value)	98,981.5	(no value)	
15,505.73	(no value)	(no value)	69,758.98	
20,229.59	(no value)	(no value)	426,180.17	
22,177.74	130,400.66	(no value)	(no value)	
23,640.93	142,996.98	(no value)	(no value)	
27,892.92	(no value)	77,798.83	77,798.83	
28,663.76	(no value)	181,416.38	(no value)	
28,754.33	156,479.82	(no value)	(no value)	
38,558.51	162,011.52	(no value)	(no value)	

Fields

Columns
State

Click or drag data here

Rows
R&D Spend

Click or drag data here

 # Values*   Required field
Profit

Click or drag data here

Local filters

Profit For State and R&D Spend

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

(8)

Profit				California	Florida
0	116,983.8		45,173.06	29,362.8	
			Summary	29,362.8	
	135,426.92		0	85,119.46	
			Summary	85,119.46	
	Summary			114,482.26	
542.05	51,743.15		0	(no value)	
			Summary	(no value)	
	Summary			(no value)	
1,000.23	124,153.04		1,903.93	(no value)	
			Summary	(no value)	
	Summary			(no value)	
				297,114.46	

Fields

Columns
- :: State :
- Click or drag data here

Rows
- :: R&D Spend :
- :: Administration :
- :: Marketing Spend :
- Click or drag data here

 # Values*   Required field
- :: Profit :

Profit For State,R&D Spend,Administration and Marketing Spend