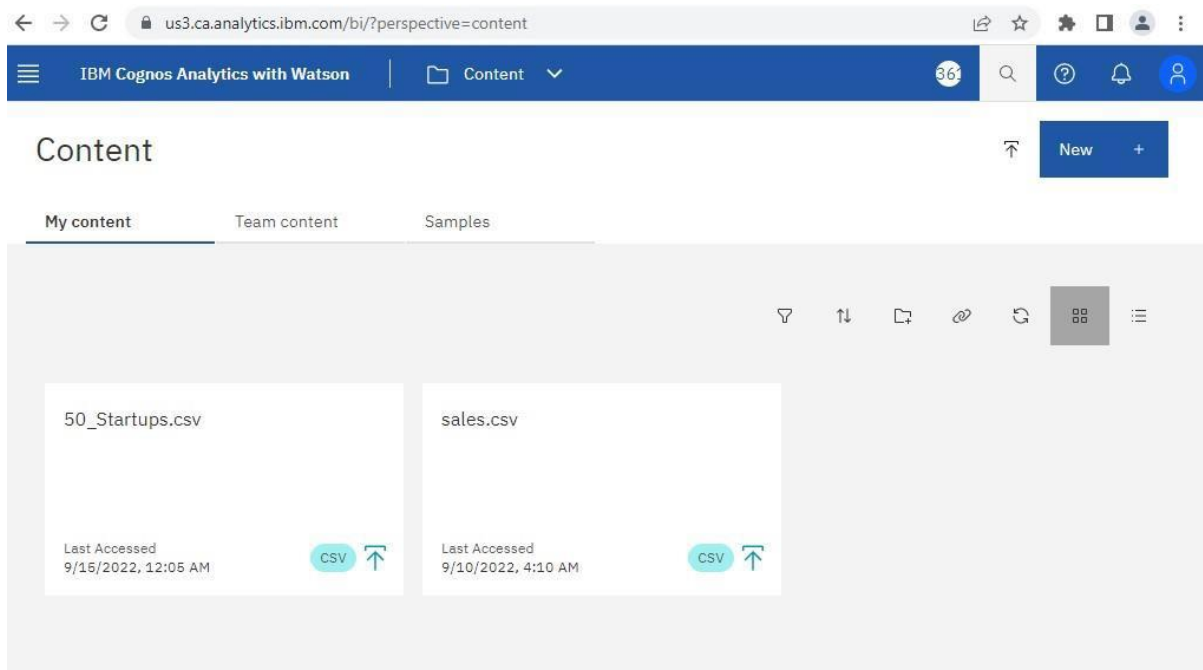**TITLE:Retail Store Stock Inventory Analytics**
Name:SHANKAR
TeamID:PNT2022TMID15244

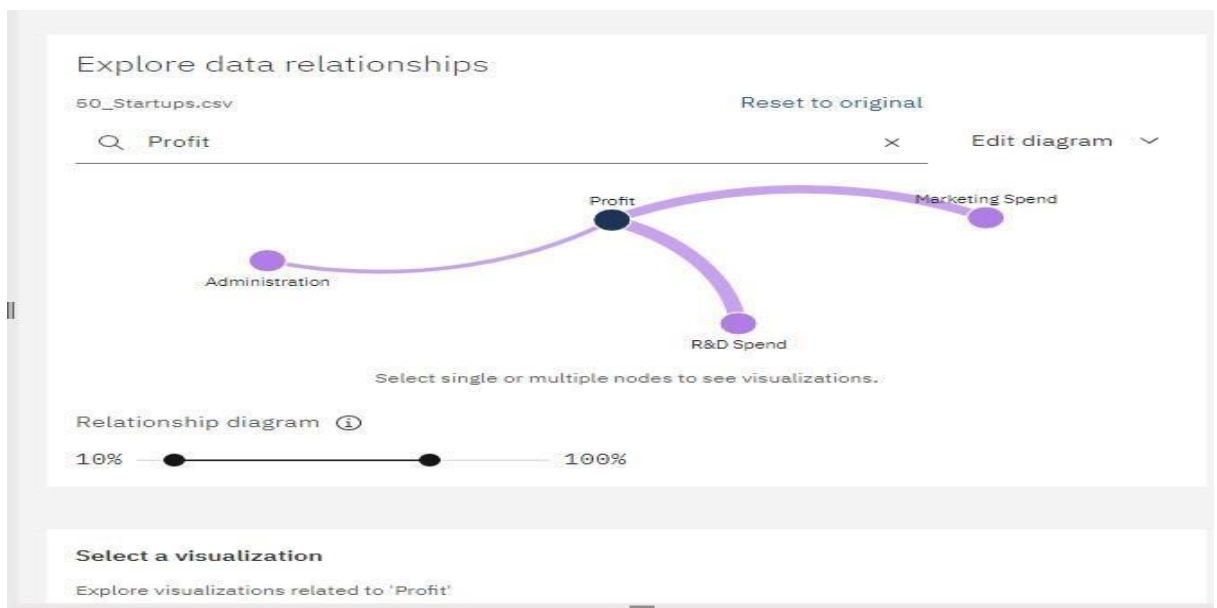**UploadthedatasettoCogAnalytics,exploreandvisualizethe dataset**

1.UploadingDatasettoIBMCognosAnalytics:

2.DataExploration:

StateComparedToAdministrationandMarketingSpend

Administration,R&DSpend,MarketingSpendComparedToProfit

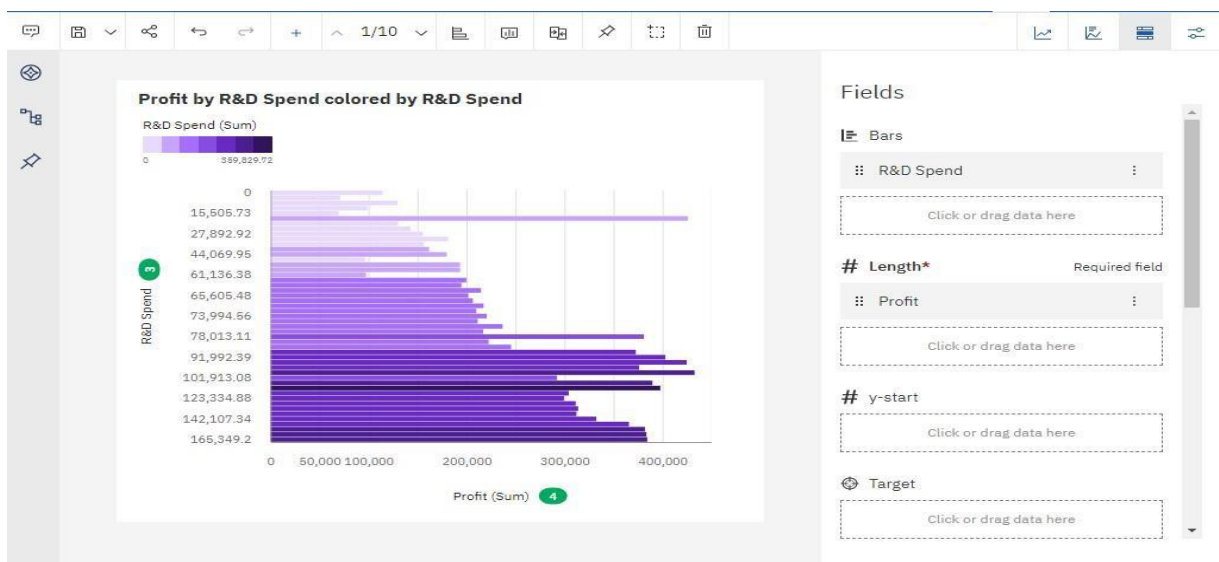MarketingSpendComparedToState,Administration,R&DSpend andProfit

AdministrationComparedTo,MarketingSpend,StateandProfit
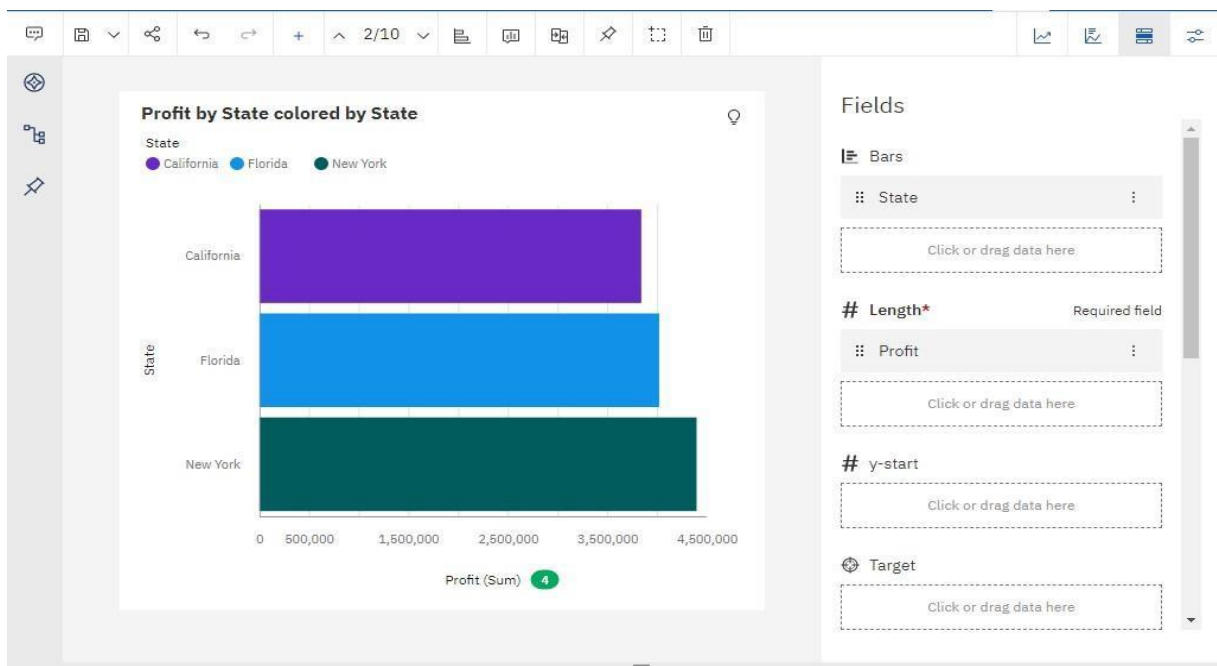
R&DSpendComparedToMarketingSpend,
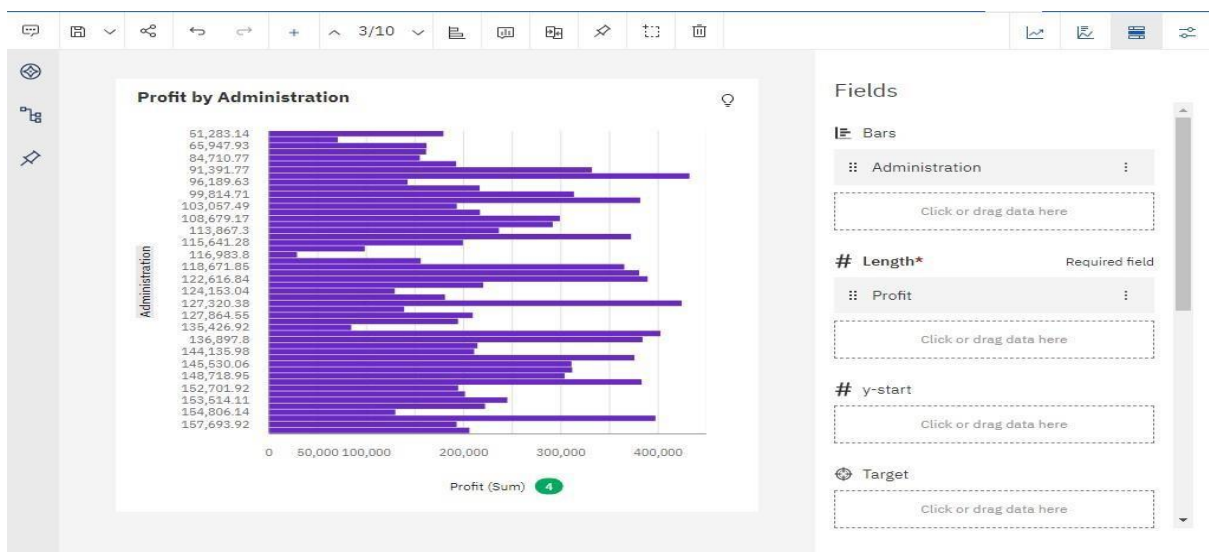
andProfit

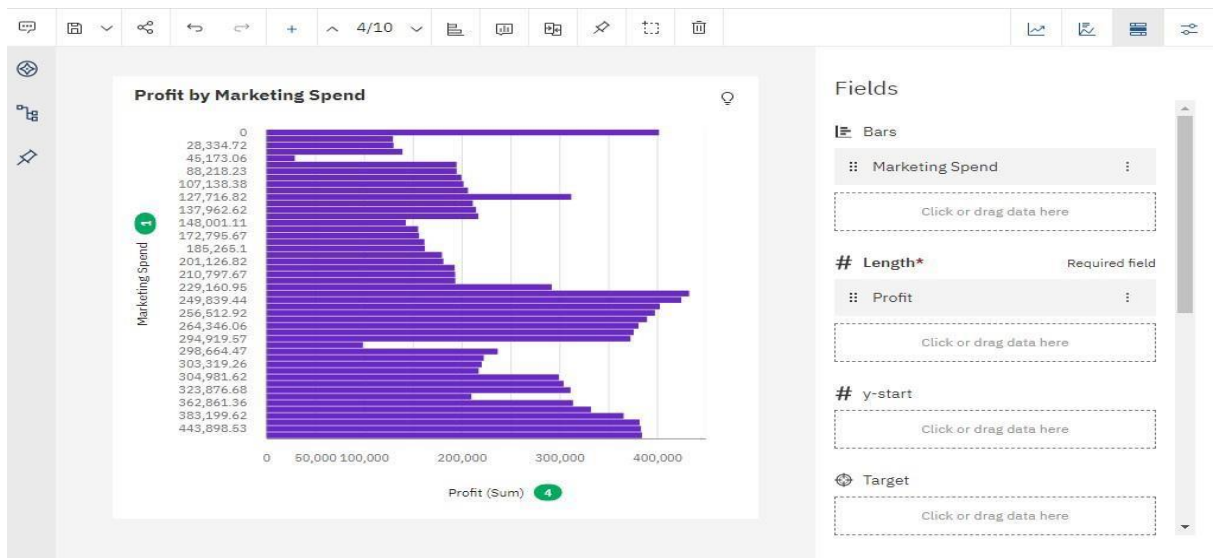## 3.DataVisualization:

BarchartRepresentation:

BarchartforProfittoR&DSpend

ProfitComparedtoState

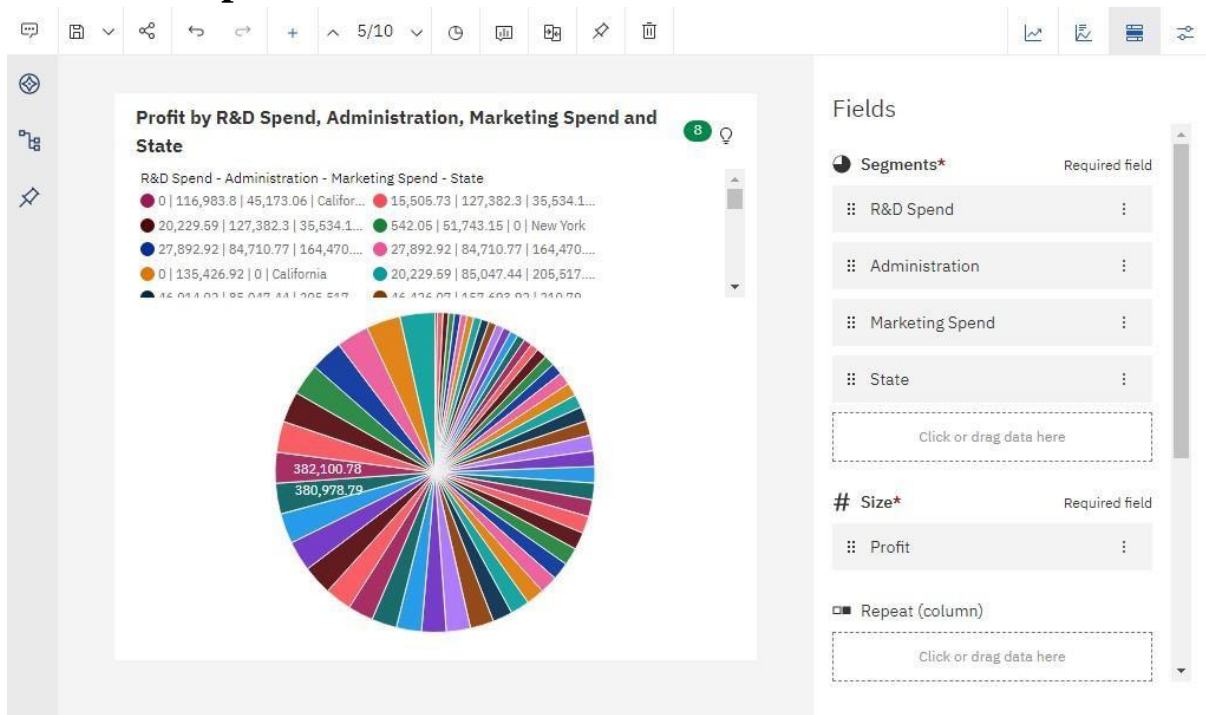ProfitComparedtoAdministration

ProfitComparedtoMarketingSpend

PieChartRepresentation:

ProfitComparedtoR&DSpend,Administration,MarketingSpendand 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

ProfitForStateandAdministration

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

ProfitForStateandMarketing

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

ProfitForStateandMarketingSpend

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

ProfitForStateandR&DSpend

ProfitForState,R&DSpend,AdministrationandMarketing Spend