

HX8001

**PROFESSIONAL READINESS FOR INNOVATION, EMPLOYMENTABILITY AND
ENTREPRENEURSHIP**

ASSIGNMENT 01

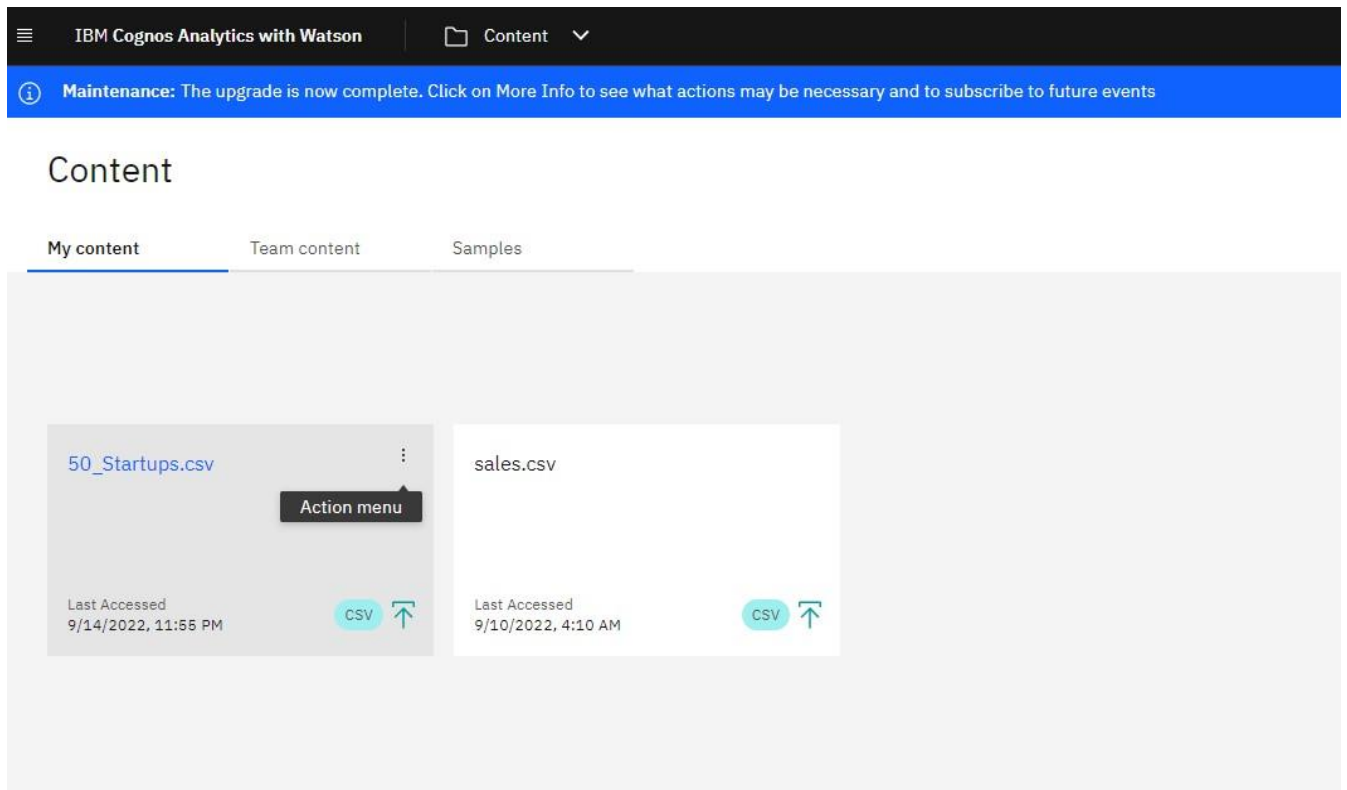
TEAM ID: PNT2022TMID42735

PROJECT TITLE: ANALYTICS FOR HOSPITAL HEALTH DATA

STUDENT NAME: SUSMITHA SHREE K

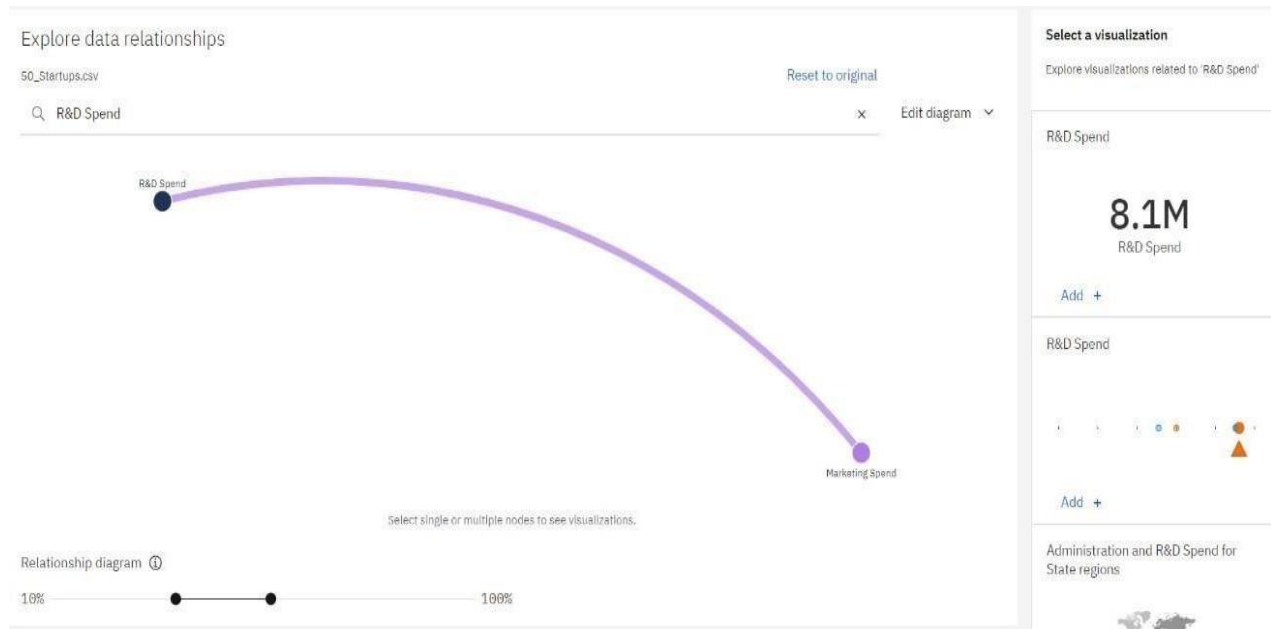
**Upload the dataset to Cognos Analytics, explore and visualize the
dataset**

1. Uploading Dataset to IBM Cognos Analytics:



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2.Data Exploration:



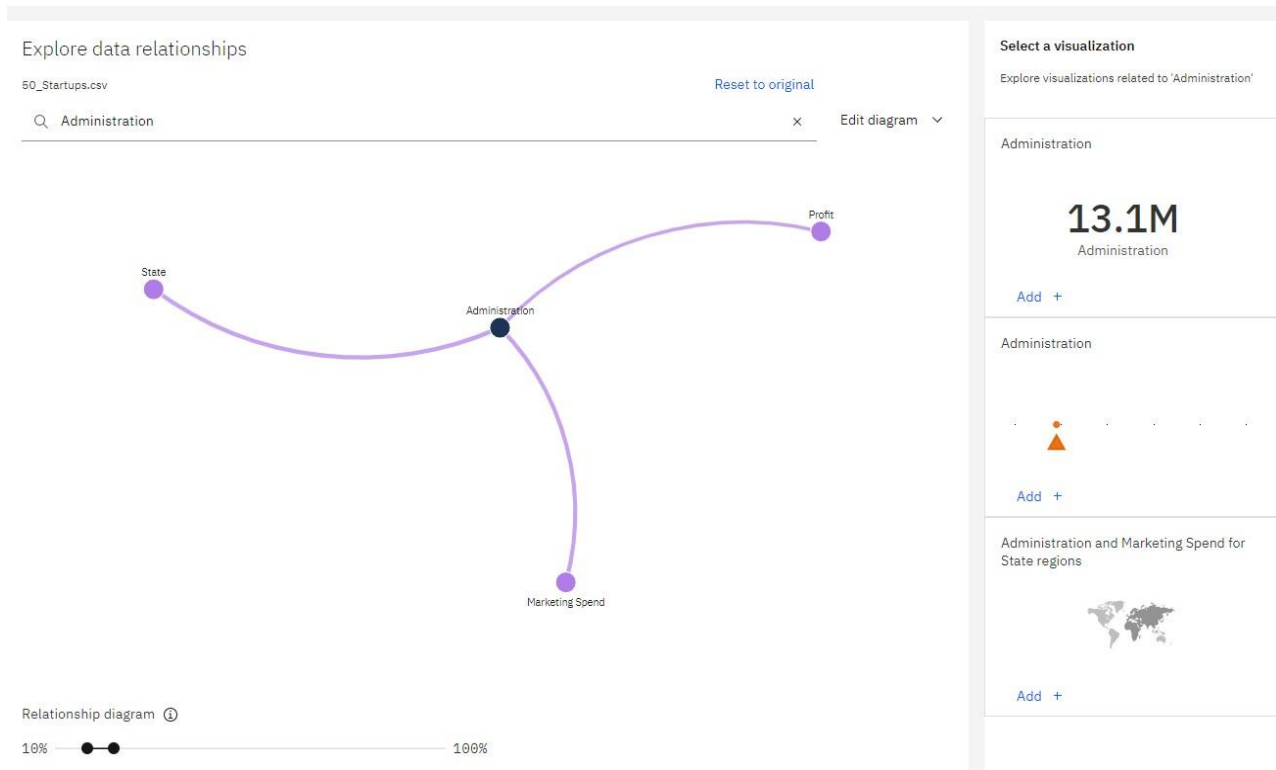
R&D and Marketing Spend



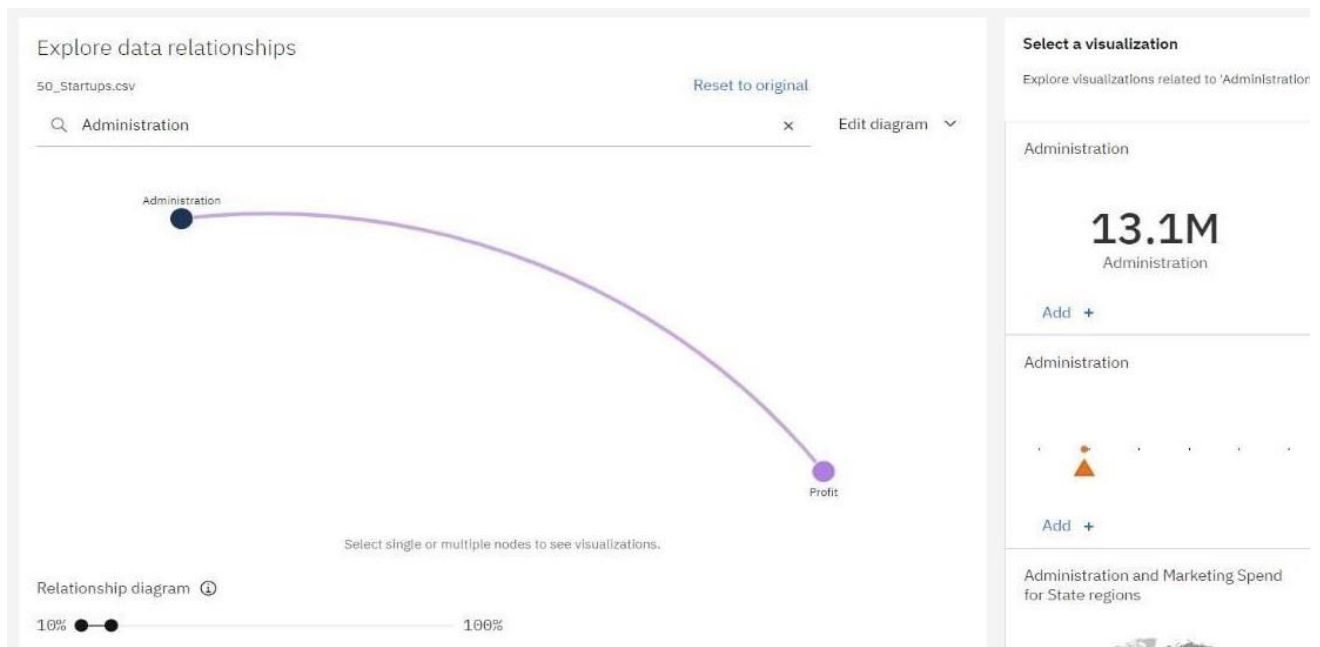
R&D Compared to Marketing Spend and Profit

HX8001

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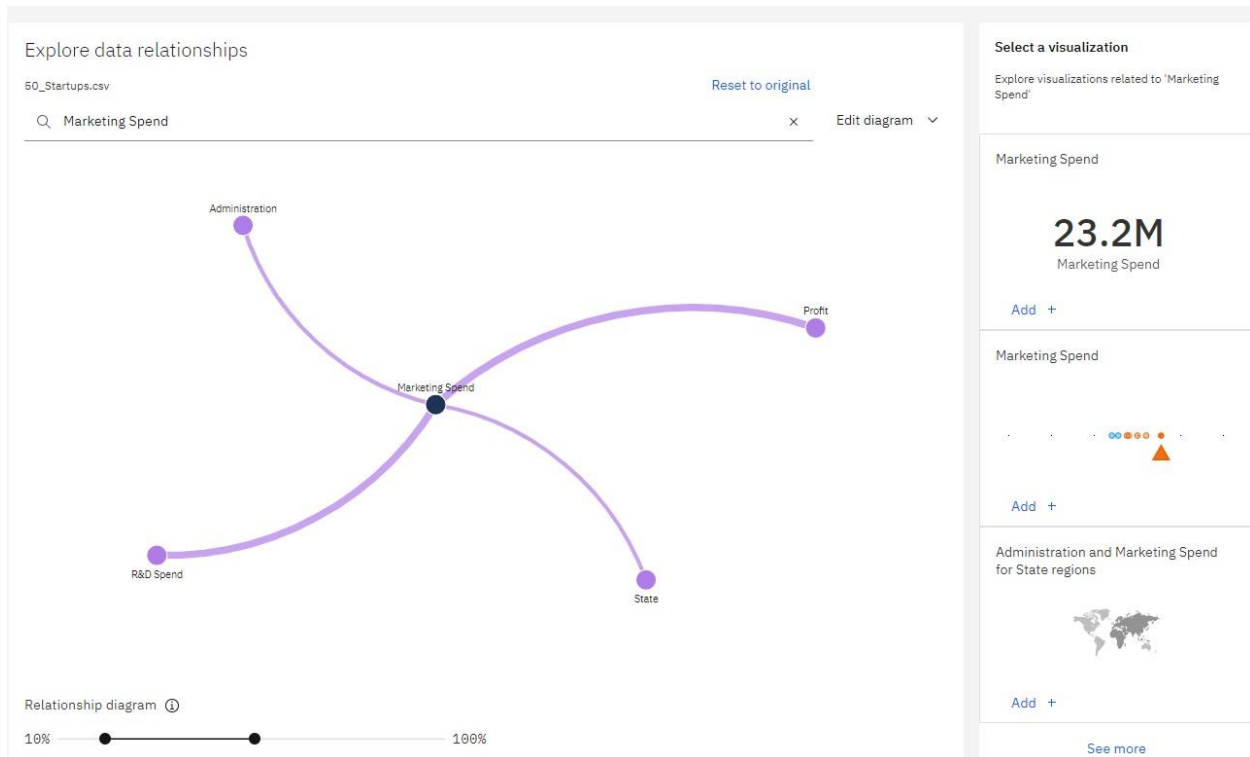
Administration Compared to State, Marketing Spend and Profit



Administration Compared to Profit

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



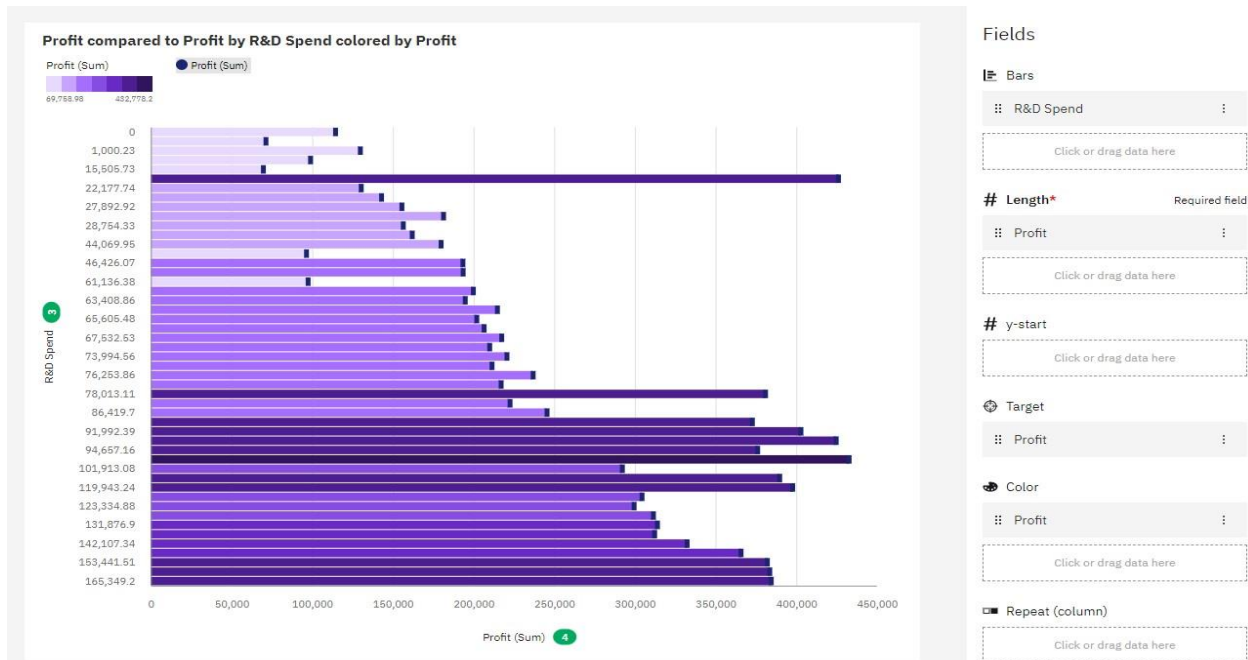
Marketing Spend Compared to R&D spend and Profit

HX8001

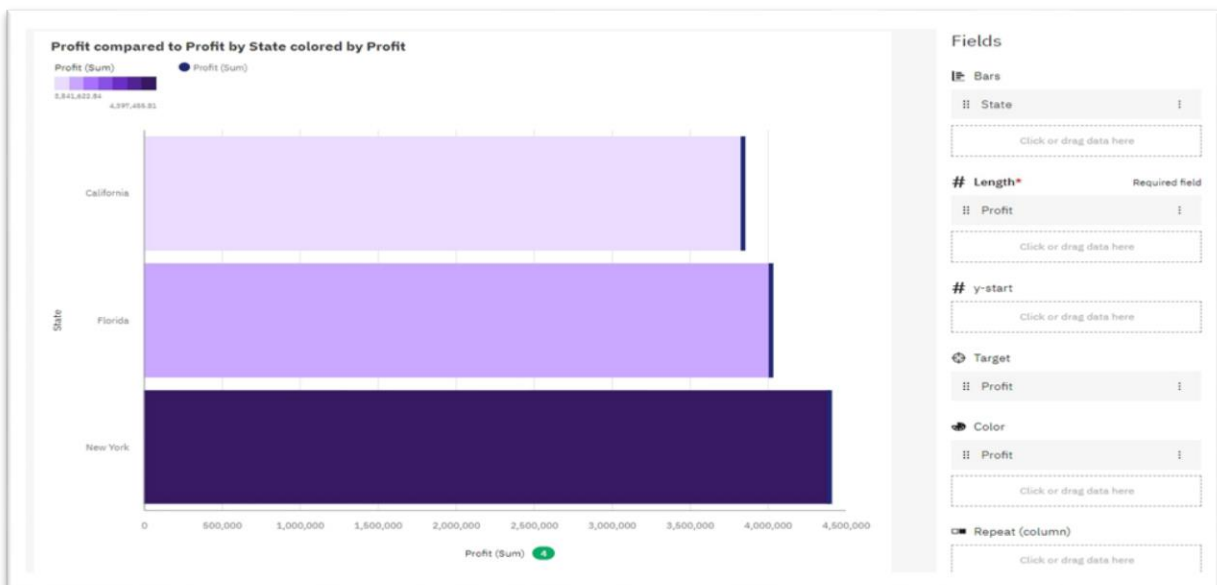
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3.Data Visualization:

Bar chart Visualization:



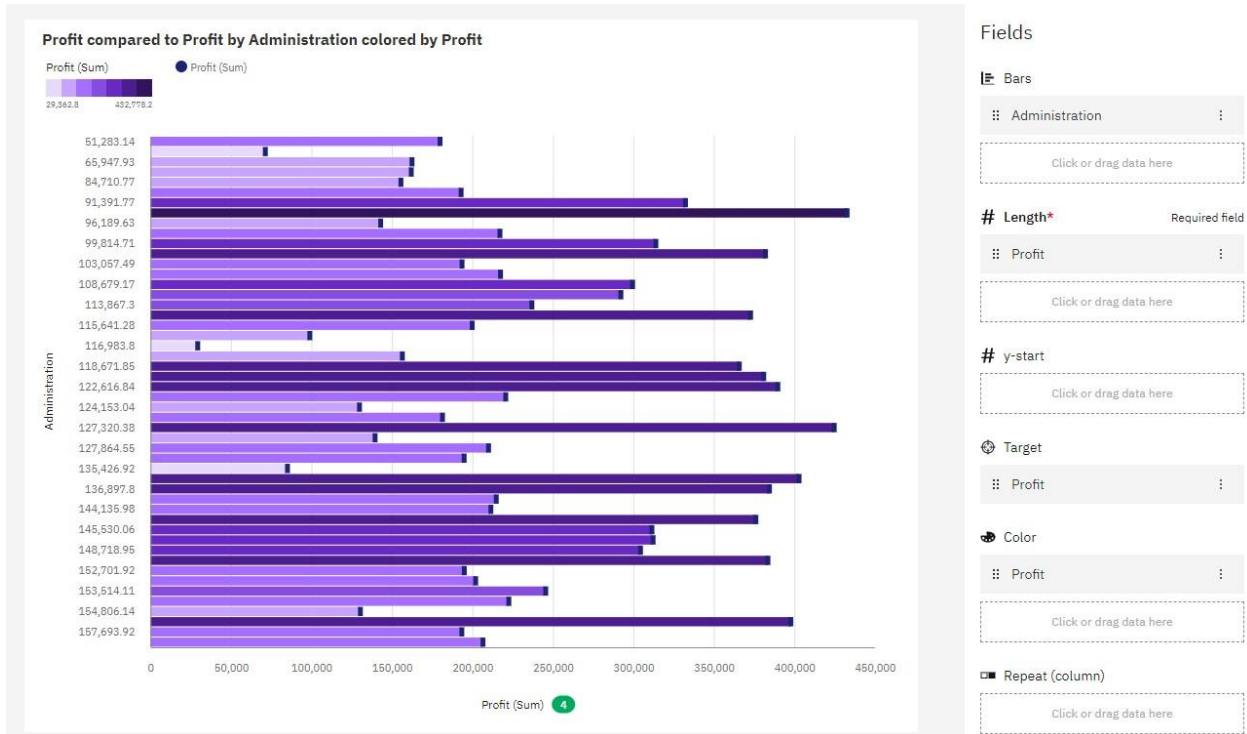
Profit to R&D Spend



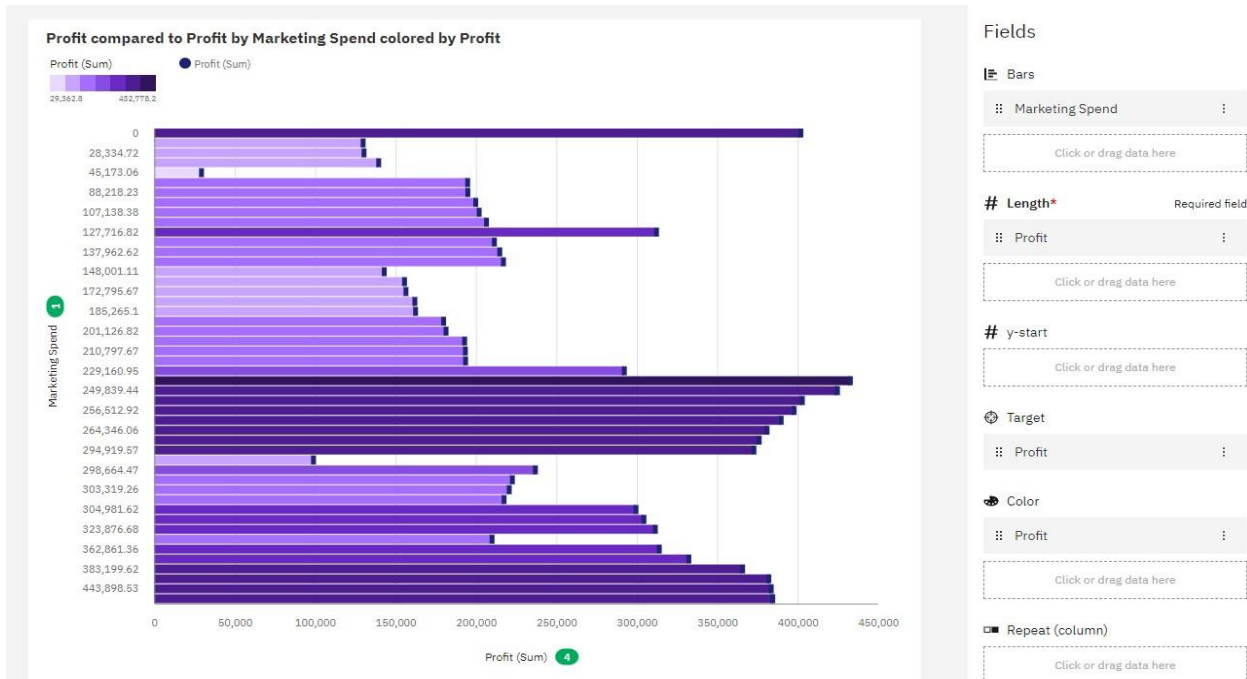
Porfit Compared to State

HX8001

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Profit Compared to Administration

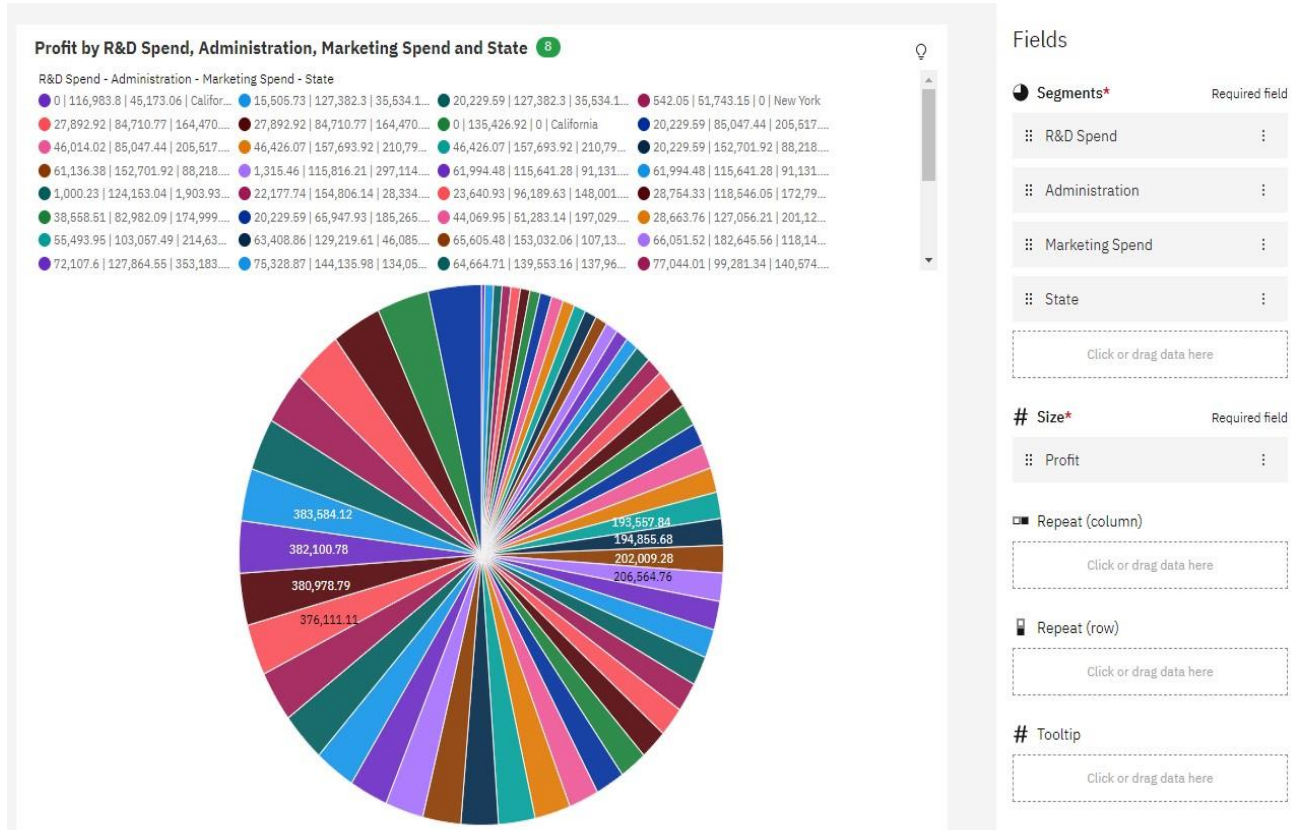


Profit Compared to Marketing Spend

HX8001

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Pie Chart Visualization:



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

HX8001

PROFESSIONAL READINESS FOR INNOVATION, EMPLOYMENTABILITY AND ENTREPRENEURSHIP

Cross Tab Representation:

Profit for State and R&D Spend 7				
Profit	California	Florida	New York	Summary
0	114,482.26	(no value)	(no value)	114,482.26
542.05	(no value)	(no value)	71,346.82	71,346.82
1,000.23	(no value)	(no value)	129,852.16	129,852.16
1,315.46	(no value)	98,981.5	(no value)	98,981.5
15,505.73	(no value)	(no value)	69,758.98	69,758.98
20,229.59	(no value)	(no value)	426,180.17	426,180.17
22,177.74	130,400.66	(no value)	(no value)	130,400.66
23,640.93	142,996.98	(no value)	(no value)	142,996.98
27,892.92	(no value)	77,798.83	77,798.83	155,597.66
28,663.76	(no value)	181,416.38	(no value)	181,416.38
28,754.33	156,479.82	(no value)	(no value)	156,479.82
38,558.51	162,011.52	(no value)	(no value)	162,011.52
44,069.95	179,898.28	(no value)	(no value)	179,898.28
46,014.02	(no value)	(no value)	96,479.51	96,479.51
46,426.07	96,712.8	(no value)	96,712.8	193,425.6
55,493.95	(no value)	193,557.84	(no value)	193,557.84
61,136.38	(no value)	(no value)	97,483.56	97,483.56
61,994.48	(no value)	99,937.59	99,937.59	199,875.18
63,408.86	194,855.68	(no value)	(no value)	194,855.68
64,664.71	214,808.68	(no value)	(no value)	214,808.68

Fields

Columns

State

Click or drag data here

Rows

R&D Spend

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Values*

Profit

Click or drag data here

Local filters

Click or drag data here

Profit for State and R&D Spend

Profit for State and Administration 4				
Profit	California	Florida	New York	Summary
51,283.14	179,898.28	(no value)	(no value)	179,898.28
51,743.16	(no value)	(no value)	71,346.82	71,346.82
65,947.93	(no value)	(no value)	162,458.12	162,458.12
82,982.09	162,011.52	(no value)	(no value)	162,011.52
84,710.77	(no value)	77,798.83	77,798.83	155,597.66
85,047.44	(no value)	(no value)	192,959.02	192,959.02
91,391.77	(no value)	332,375.88	(no value)	332,375.88
91,790.61	432,778.2	(no value)	(no value)	432,778.2
96,189.63	142,996.98	(no value)	(no value)	142,996.98
99,281.34	(no value)	(no value)	217,104.08	217,104.08
99,814.71	(no value)	(no value)	313,982.24	313,982.24
101,145.55	(no value)	382,100.78	(no value)	382,100.78
103,057.49	(no value)	193,557.84	(no value)	193,557.84
105,751.03	(no value)	217,467.98	(no value)	217,467.98
108,679.17	299,519.92	(no value)	(no value)	299,519.92
110,594.11	(no value)	292,243.9	(no value)	292,243.9
113,867.3	236,948.06	(no value)	(no value)	236,948.06
114,175.79	(no value)	372,800.7	(no value)	372,800.7
115,641.28	(no value)	99,937.59	99,937.59	199,875.18
115,816.21	(no value)	98,981.5	(no value)	98,981.5

Fields

Columns

State

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Rows

Administration

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Values*

Profit

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Local filters

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Profit for State and Administration

HX8001

PROFESSIONAL READINESS FOR INNOVATION, EMPLOYMENTABILITY AND
ENTREPRENEURSHIP

Profit for State and Marketing Spend 5				
Profit	California	Florida	New York	Summary
0	85,119.46	(no value)	316,900.54	402,020
1,903.93	(no value)	(no value)	129,852.16	129,852.16
28,334.72	130,400.66	(no value)	(no value)	130,400.66
35,534.17	(no value)	(no value)	139,517.96	139,517.96
45,173.06	29,362.8	(no value)	(no value)	29,362.8
46,085.25	194,855.68	(no value)	(no value)	194,855.68
88,218.23	(no value)	(no value)	194,967.12	194,967.12
91,131.24	(no value)	99,937.59	99,937.59	199,875.18
107,138.38	(no value)	(no value)	202,009.28	202,009.28
118,148.2	(no value)	206,564.76	(no value)	206,564.76
127,716.82	312,245.02	(no value)	(no value)	312,245.02
134,050.07	(no value)	211,467.08	(no value)	211,467.08
137,962.62	214,808.68	(no value)	(no value)	214,808.68
140,574.81	(no value)	(no value)	217,104.08	217,104.08
148,001.11	142,996.98	(no value)	(no value)	142,996.98
164,470.71	(no value)	77,798.83	77,798.83	155,597.66
172,795.67	156,479.82	(no value)	(no value)	156,479.82
174,999.3	162,011.52	(no value)	(no value)	162,011.52
185,265.1	(no value)	(no value)	162,458.12	162,458.12
197,029.42	179,898.28	(no value)	(no value)	179,898.28

Fields

Columns

State

Click or drag data here

Rows

Marketing Spend

Click or drag data here

Values*

Profit

Required field

Click or drag data here

Local filters

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Profit for State and Marketing Spend

Profit for State, Marketing Spend, R&D Spend and Administration 8						
Profit		California	Florida	New York	Summary	
0	0	135,426.92	85,119.46	(no value)	(no value)	85,119.46
		Summary	85,119.46	(no value)	(no value)	85,119.46
	542.05	51,743.15	(no value)	(no value)	71,346.82	71,346.82
		Summary	(no value)	(no value)	71,346.82	71,346.82
	86,419.7	153,514.11	(no value)	(no value)	245,553.72	245,553.72
1,903.93		Summary	(no value)	(no value)	245,553.72	245,553.72
	1,000.23	124,153.04	(no value)	(no value)	129,852.16	129,852.16
		Summary	(no value)	(no value)	129,852.16	129,852.16
28,334.72		Summary	(no value)	(no value)	129,852.16	129,852.16
	22,177.74	154,806.14	130,400.66	(no value)	(no value)	130,400.66
		Summary	130,400.66	(no value)	(no value)	130,400.66
35,534.17		Summary	130,400.66	(no value)	(no value)	130,400.66
	15,505.73	127,382.3	(no value)	(no value)	69,758.98	69,758.98
		Summary	(no value)	(no value)	69,758.98	69,758.98
	20,229.59	127,382.3	(no value)	(no value)	69,758.98	69,758.98
		Summary	(no value)	(no value)	69,758.98	69,758.98
45,173.06		Summary	(no value)	(no value)	139,517.96	139,517.96
	0	116,983.8	29,362.8	(no value)	(no value)	29,362.8
		Summary	29,362.8	(no value)	(no value)	29,362.8

Fields

Columns

State

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Rows

Marketing Spend

R&D Spend

Administration

Click or drag data here

Values*

Profit

Required field

Click or drag data here

Local filters

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