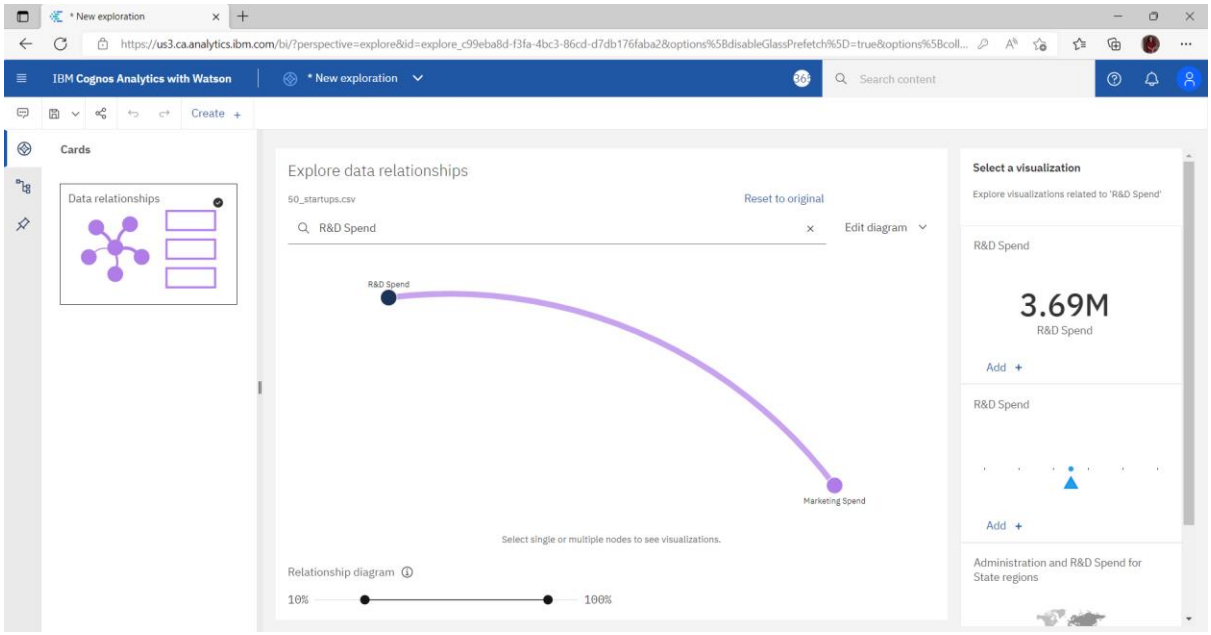
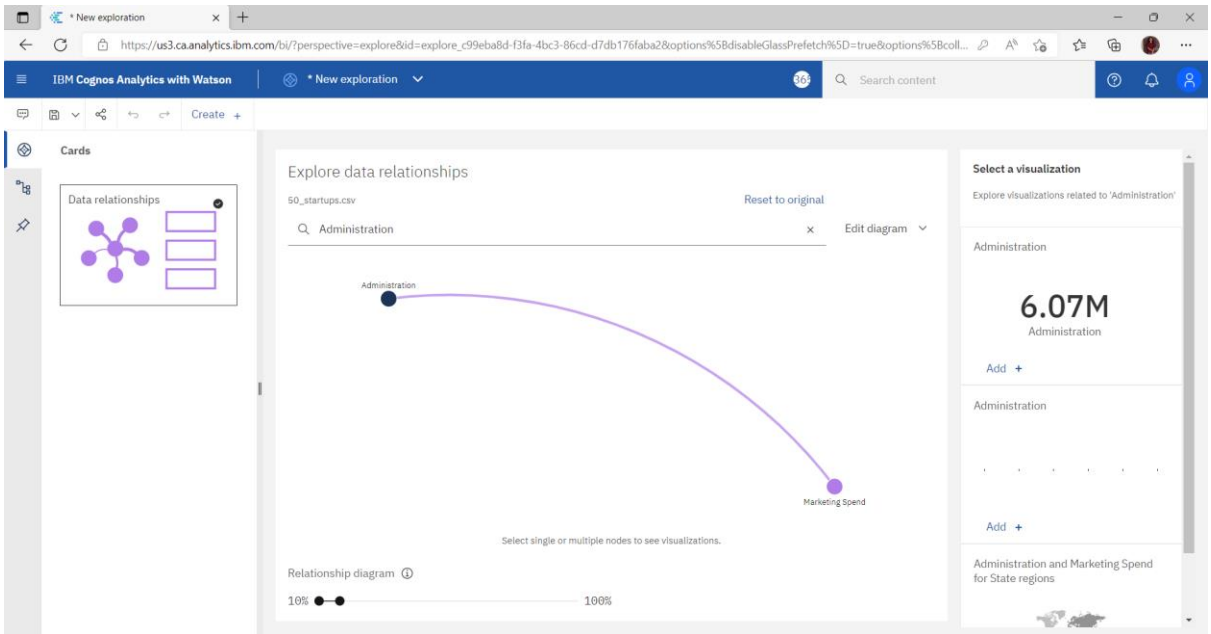
Analytics For Hospitals' Health-Care Data

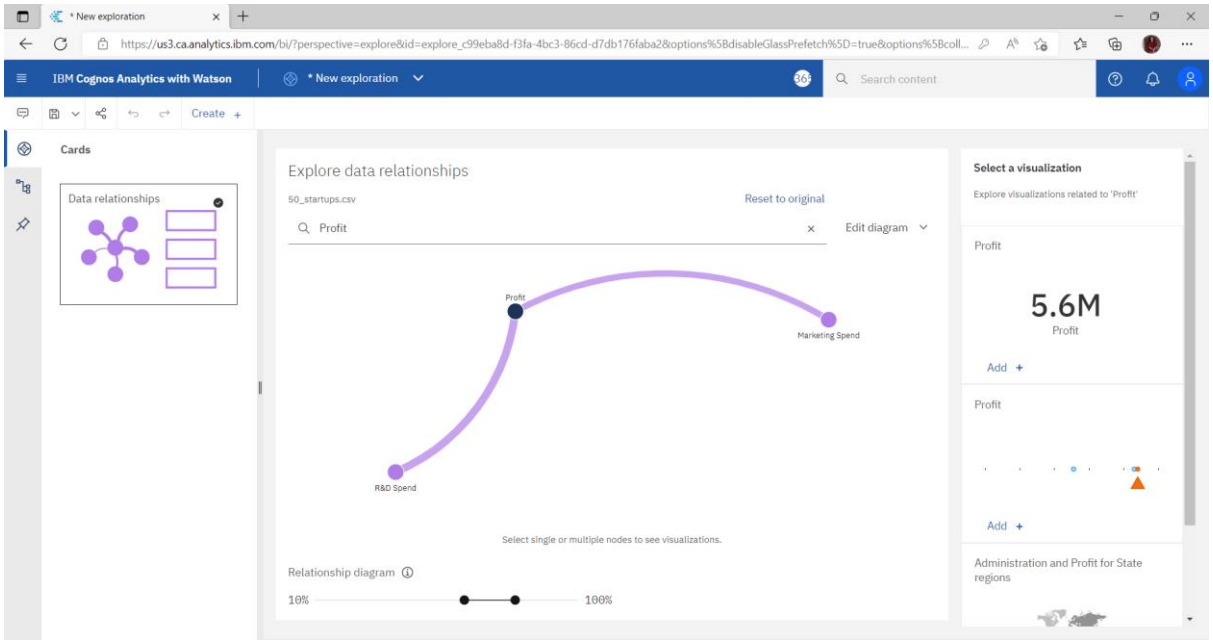
Assignment - 1

Roll No : 737819CSR201

EXPLORING DATA RELATIONS



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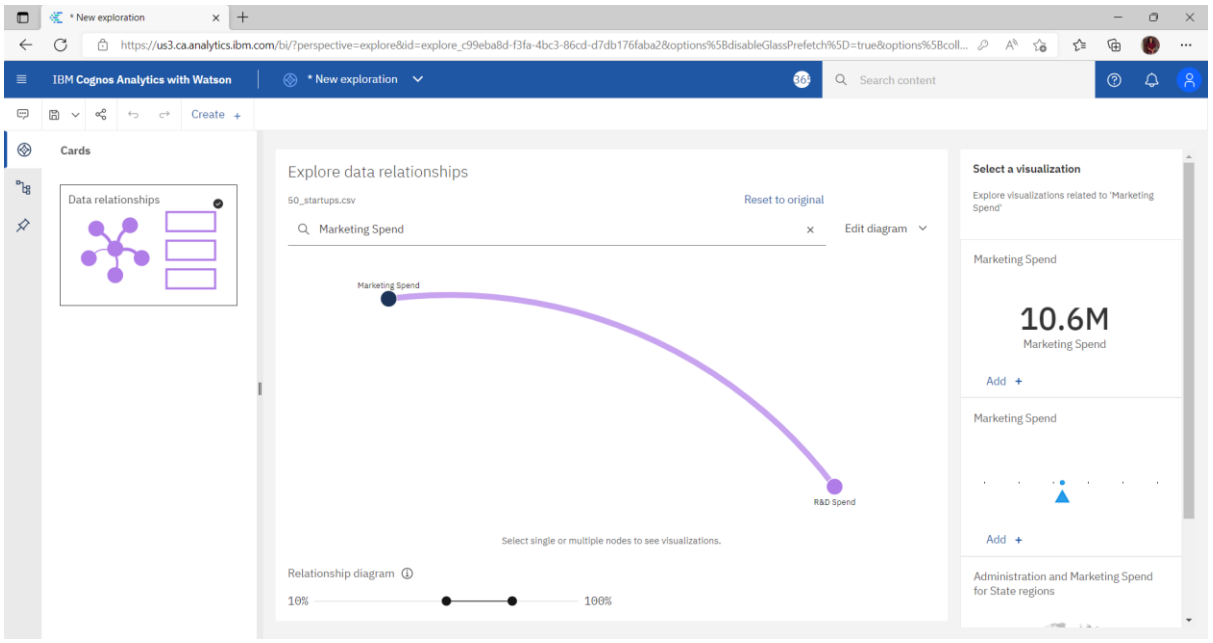
IBM Cognos Analytics with Watson
* New exploration
Search content
Create
Cards
Data relationships
Explore data relationships
50_startups.csv
Reset to original
Profit
Edit diagram
Profit
Marketing Spend
R&D Spend
Select single or multiple nodes to see visualizations.
Relationship diagram
10%
100%
Select a visualization
Explore visualizations related to 'Profit'
Profit
5.6M
Profit
Add
Profit
Add
Administration and Profit for State regions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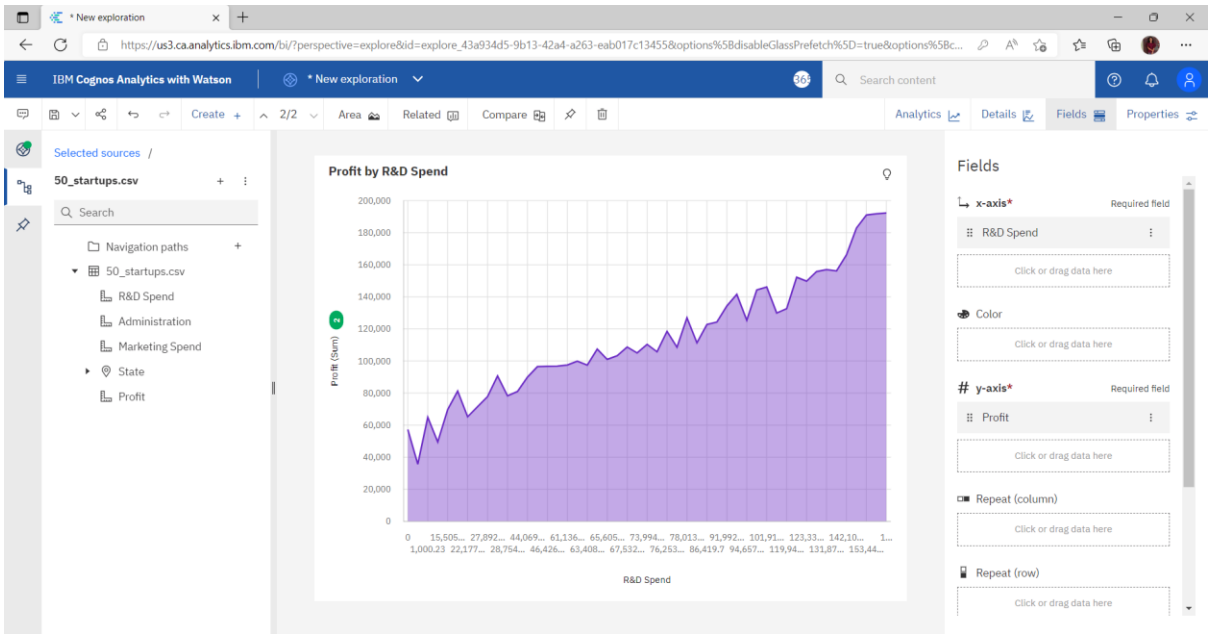
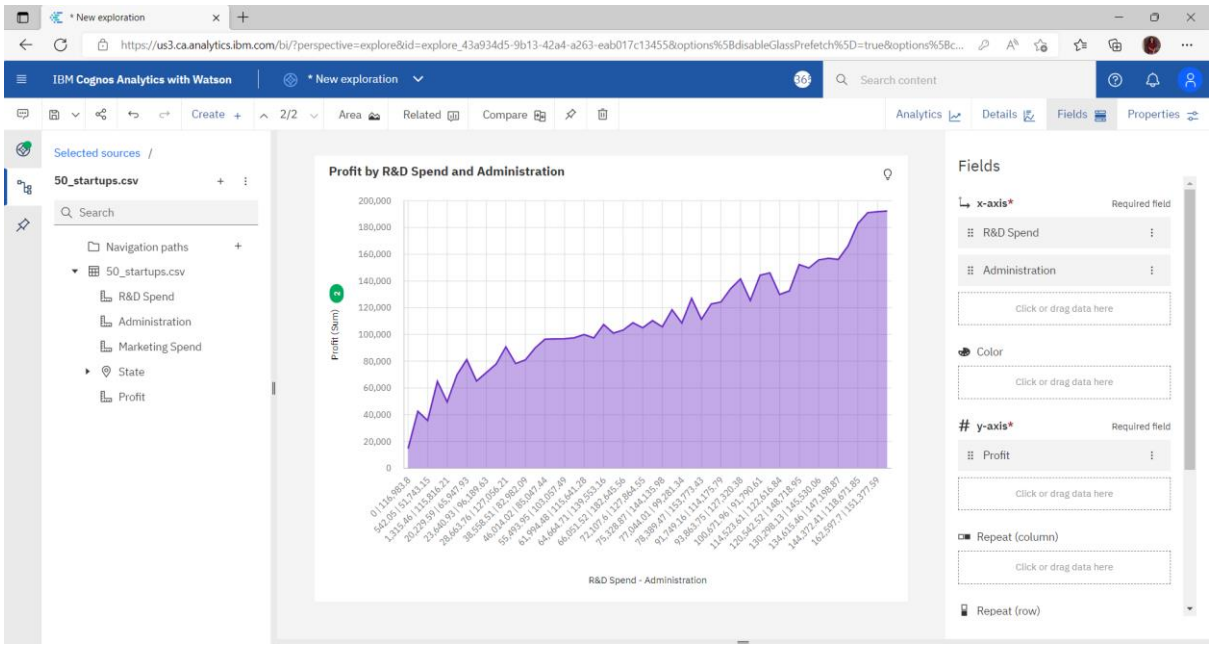
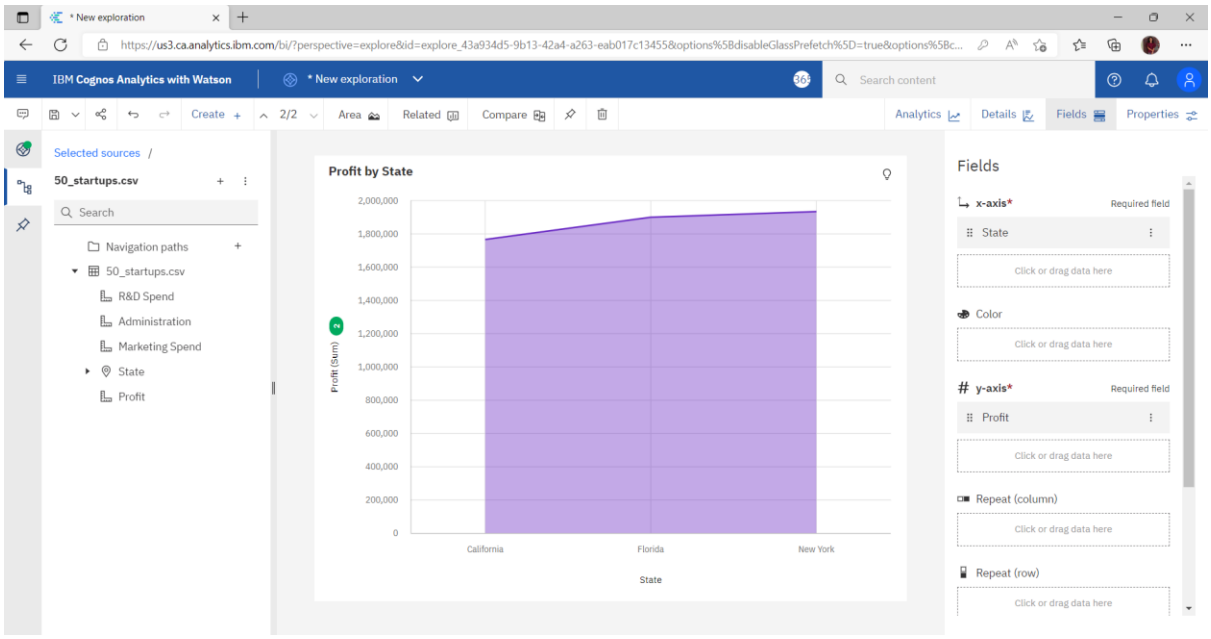
IBM Cognos Analytics with Watson
* New exploration
Search content
Create
Cards
Data relationships
Explore data relationships
50_startups.csv
Reset to original
Marketing Spend
Edit diagram
Marketing Spend
R&D Spend
Select single or multiple nodes to see visualizations.
Relationship diagram
10%
100%
Select a visualization
Explore visualizations related to 'Marketing Spend'
Marketing Spend
10.6M
Marketing Spend
Add
Marketing Spend
Add
Administration and Marketing Spend for State regions

VISUALIZATION OF DATA



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IBM Cognos Analytics with Watson
* New exploration
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Create
2/2
Area
Related
Compare
Analytics
Details
Fields
Properties
Selected sources
50_startups.csv
Search
Navigation paths
50_startups.csv
R&D Spend
Administration
Marketing Spend
State
Profit
Profit by State
Profit (Sum)
2,000,000
1,800,000
1,600,000
1,400,000
1,200,000
1,000,000
800,000
600,000
400,000
200,000
0
California
Florida
New York
State
Fields
x-axis*
Required field
State
Click or drag data here
Color
Click or drag data here
y-axis*
Required field
Profit
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Repeat (row)
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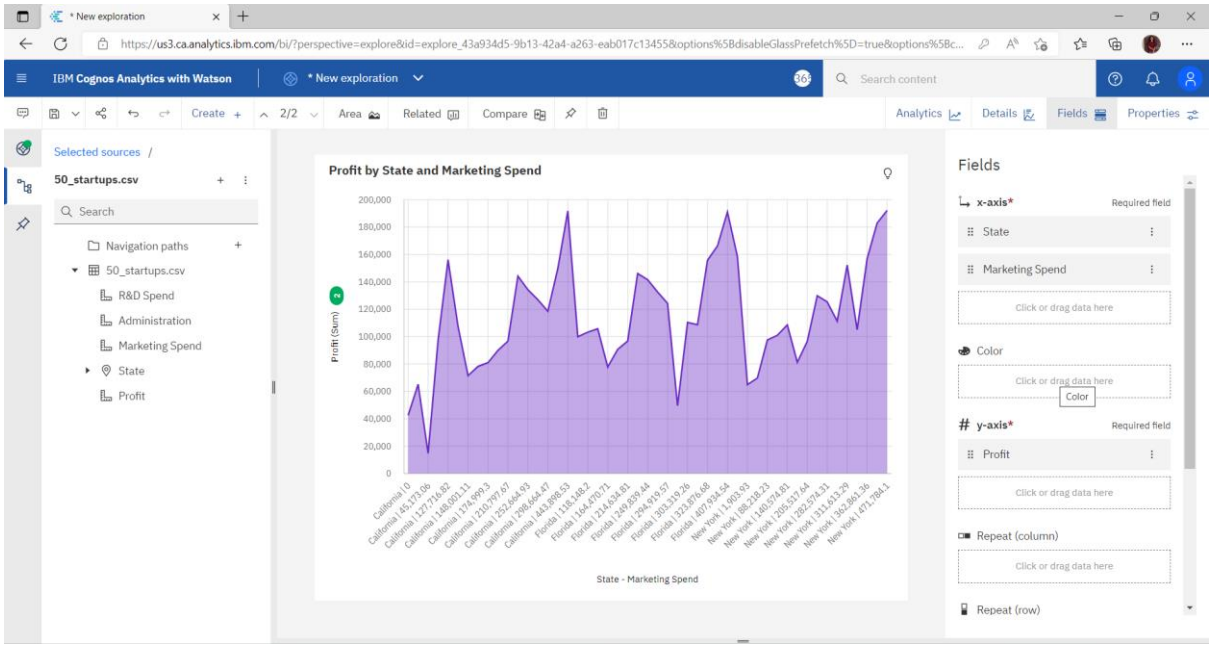
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IBM Cognos Analytics with Watson
* New exploration
Search content
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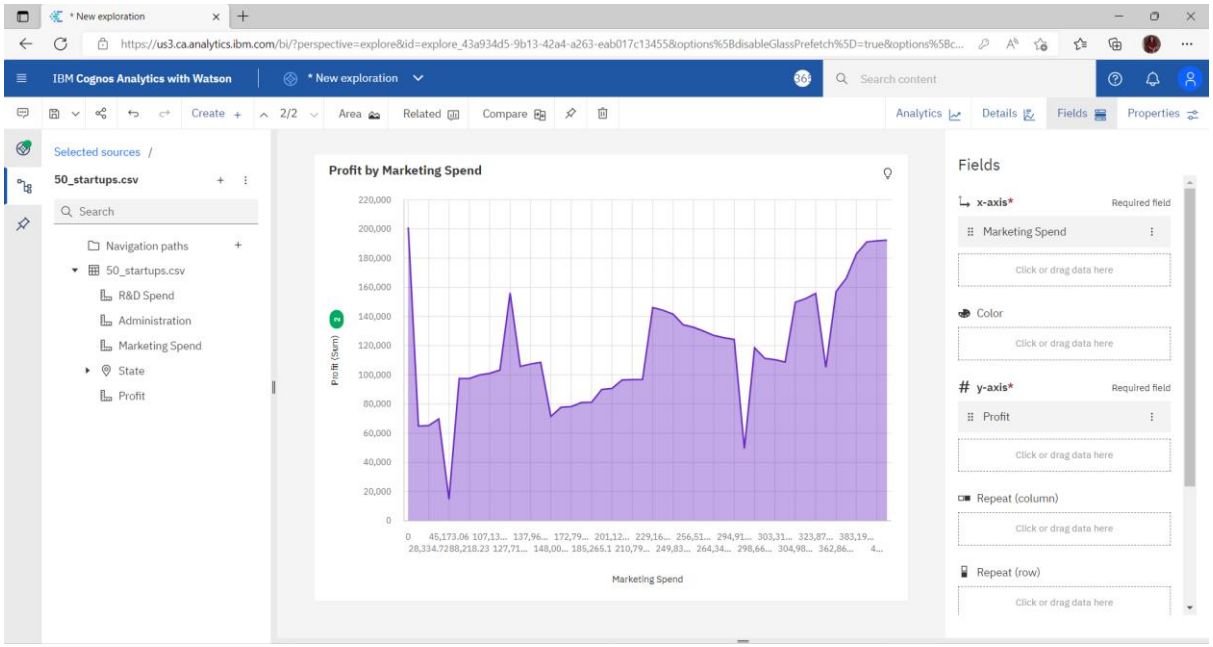
Analytics
Details
Fields
Properties
Selected sources
50_startups.csv
Search
Navigation paths
50_startups.csv
R&D Spend
Administration
Marketing Spend
State
Profit
Profit by State and Marketing Spend
Profit (Sum)
200,000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
State - Marketing Spend
Fields
x-axis*
Required field
State
Marketing Spend
Click or drag data here
Color
Click or drag data here
Color
y-axis*
Required field
Profit
Click or drag data here
Repeat (column)
Click or drag data here
Repeat (row)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IBM Cognos Analytics with Watson
* New exploration
Search content
Create
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Area
Related
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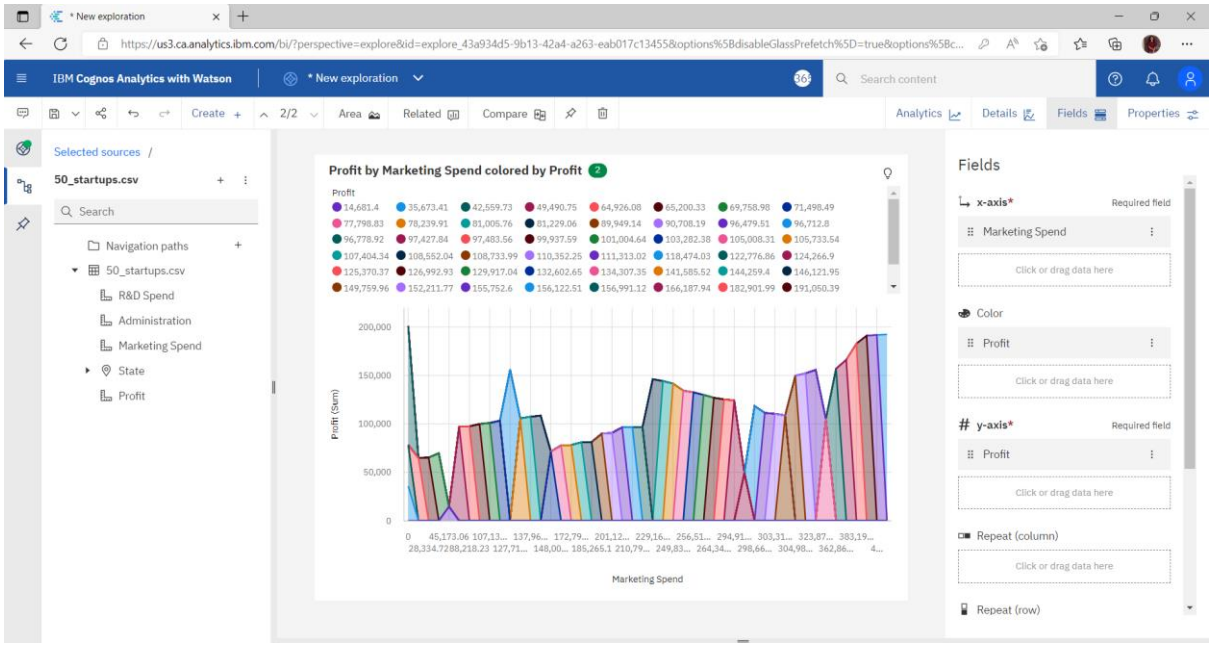
Analytics
Details
Fields
Properties
Selected sources /
50_startups.csv
Search
Navigation paths
50_startups.csv
R&D Spend
Administration
Marketing Spend
State
Profit
Profit by Marketing Spend
Profit (Sum)
Marketing Spend
Fields
x-axis*
Required field
Marketing Spend
Click or drag data here
Color
y-axis*
Profit
Repeat (column)
Repeat (row)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IBM Cognos Analytics with Watson
* New exploration
Search content
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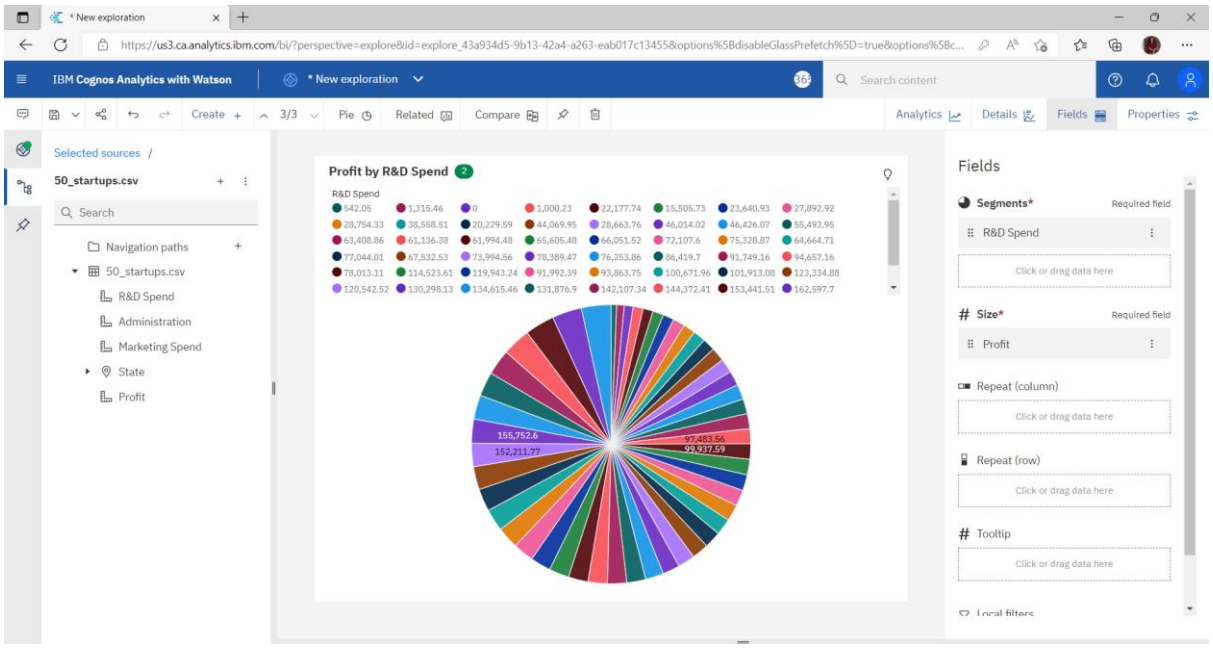
Related
Compare
Analytics
Details
Fields
Properties
Selected sources /
50_startups.csv
Search
Navigation paths
50_startups.csv
R&D Spend
Administration
Marketing Spend
State
Profit
Profit by Marketing Spend colored by Profit
Profit
Profit (Sum)
Marketing Spend
Fields
x-axis*
Required field
Marketing Spend
Click or drag data here
Color
Profit
y-axis*
Repeat (column)
Repeat (row)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IBM Cognos Analytics with Watson
* New exploration
Search content
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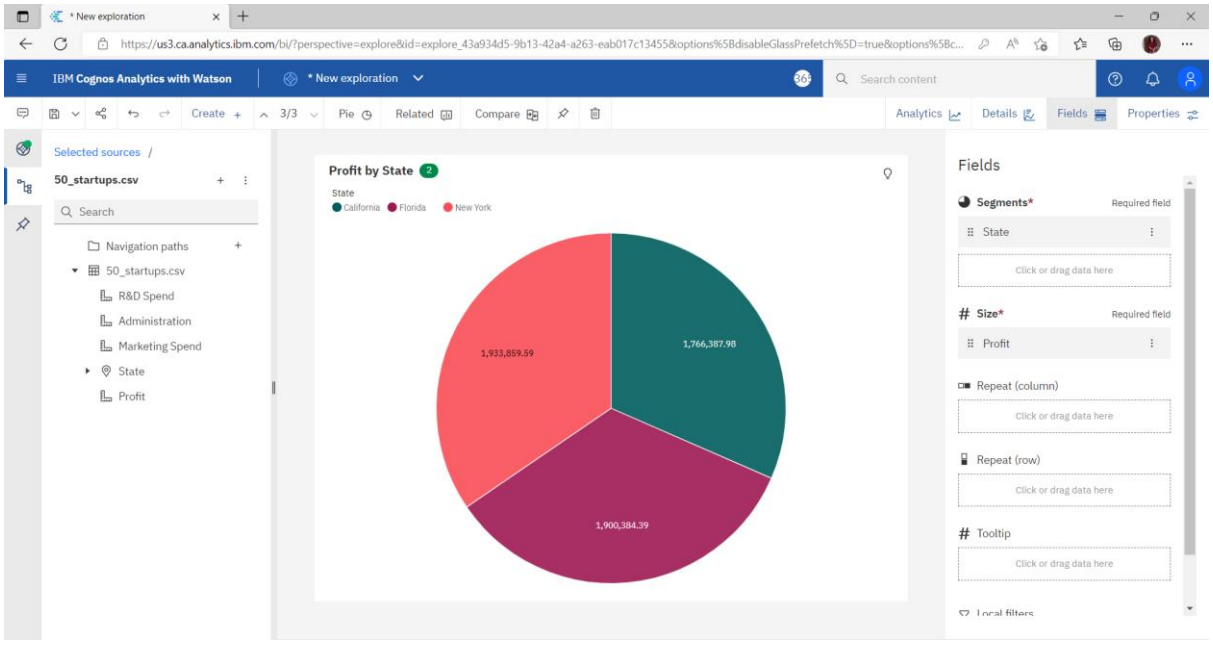
Compare
Analytics
Details
Fields
Properties
Selected sources
50_startups.csv
Search
Navigation paths
50_startups.csv
R&D Spend
Administration
Marketing Spend
State
Profit
Profit by R&D Spend
2
R&D Spend
155,752.6
152,211.77
97,483.56
99,937.59
Fields
Segments*
Required field
R&D Spend
Click or drag data here
Size*
Required field
Profit
Repeat (column)
Click or drag data here
Repeat (row)
Click or drag data here
Tooltip
Click or drag data here


* New exploration
IBM Cognos Analytics with Watson
* New exploration
Search content
Create
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Related
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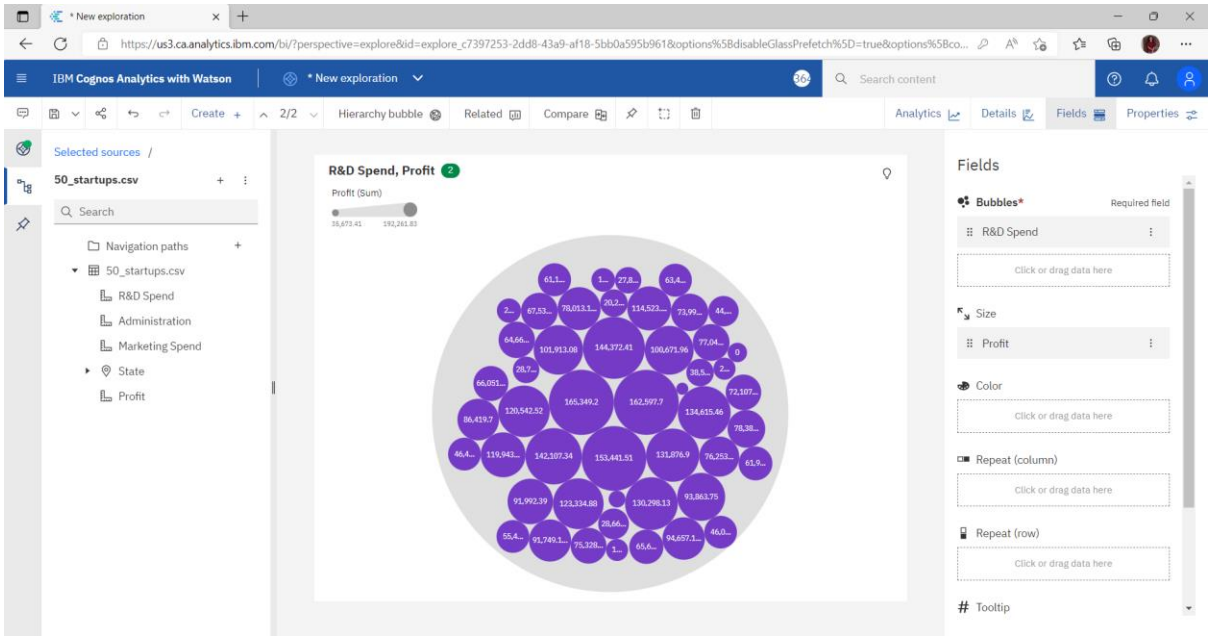
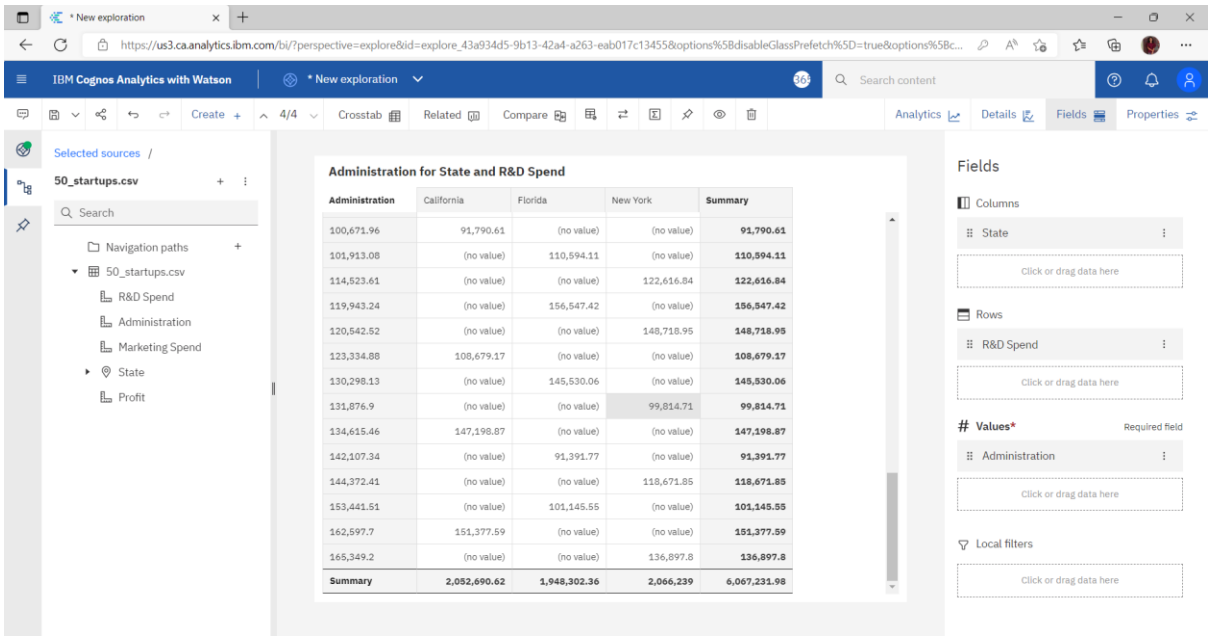
Analytics
Details
Fields
Properties
Selected sources
50_startups.csv
Search
Navigation paths
50_startups.csv
R&D Spend
Administration
Marketing Spend
State
Profit
Profit by State
2
State
California
Florida
New York
1,933,859.59
1,766,387.98
1,900,384.39
Fields
Segments*
Required field
State
Click or drag data here
Size*
Required field
Profit
Repeat (column)
Click or drag data here
Repeat (row)
Click or drag data here
Tooltip
Click or drag data here





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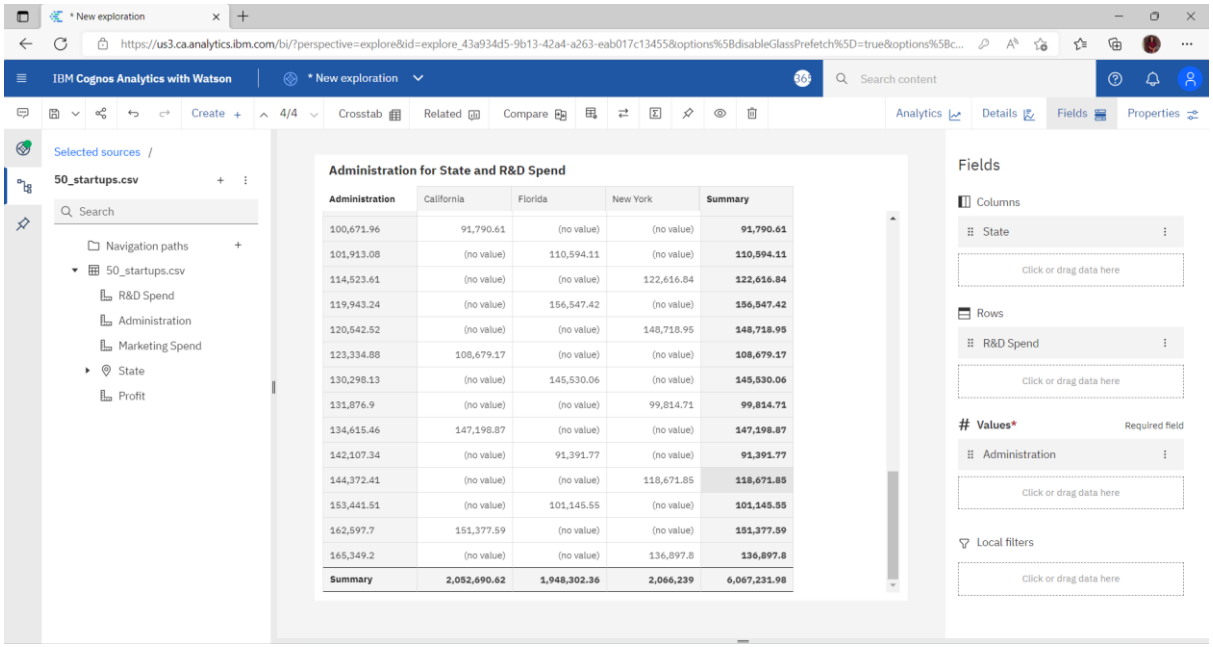
100,671.96	91,790.61	(no value)	(no value)	**91,790.61**
101,913.08	(no value)	110,594.11	(no value)	**110,594.11**
114,523.61	(no value)	(no value)	122,616.84	**122,616.84**
119,943.24	(no value)	156,547.42	(no value)	**156,547.42**
120,542.52	(no value)	(no value)	148,718.95	**148,718.95**
123,334.88	108,679.17	(no value)	(no value)	**108,679.17**
130,298.13	(no value)	145,530.06	(no value)	**145,530.06**
131,876.9	(no value)	(no value)	99,814.71	**99,814.71**
134,615.46	147,198.87	(no value)	(no value)	**147,198.87**
142,107.34	(no value)	91,391.77	(no value)	**91,391.77**
144,372.41	(no value)	(no value)	118,671.85	**118,671.85**
153,441.51	(no value)	101,145.55	(no value)	**101,145.55**
162,597.7	151,377.59	(no value)	(no value)	**151,377.59**
165,349.2	(no value)	(no value)	136,897.8	**136,897.8**
Summary	**2,052,690.62**	**1,948,302.36**	**2,066,239**	**6,067,231.98**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IBM Cognos Analytics with Watson
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50_startups.csv
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Navigation paths
50_startups.csv
R&D Spend
Administration
Marketing Spend
State
Profit
Administration for State and R&D Spend
Administration | California | Florida | New York | Summary
100,671.96 | 91,790.61 | (no value) | (no value) | 91,790.61
101,913.08 | (no value) | 110,594.11 | (no value) | 110,594.11
114,523.61 | (no value) | (no value) | 122,616.84 | 122,616.84
119,943.24 | (no value) | 156,547.42 | (no value) | 156,547.42
120,542.52 | (no value) | (no value) | 148,718.95 | 148,718.95
123,334.88 | 108,679.17 | (no value) | (no value) | 108,679.17
130,298.13 | (no value) | 145,530.06 | (no value) | 145,530.06
131,876.9 | (no value) | (no value) | 99,814.71 | 99,814.71
134,615.46 | 147,198.87 | (no value) | (no value) | 147,198.87
142,107.34 | (no value) | 91,391.77 | (no value) | 91,391.77
144,372.41 | (no value) | (no value) | 118,671.85 | 118,671.85
153,441.51 | (no value) | 101,145.55 | (no value) | 101,145.55
162,597.7 | 151,377.59 | (no value) | (no value) | 151,377.59
165,349.2 | (no value) | (no value) | 136,897.8 | 136,897.8
Summary | 2,052,690.62 | 1,948,302.36 | 2,066,239 | 6,067,231.98
Fields
Columns
State
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Rows
R&D Spend
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Values*
Required field
Administration
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Local filters
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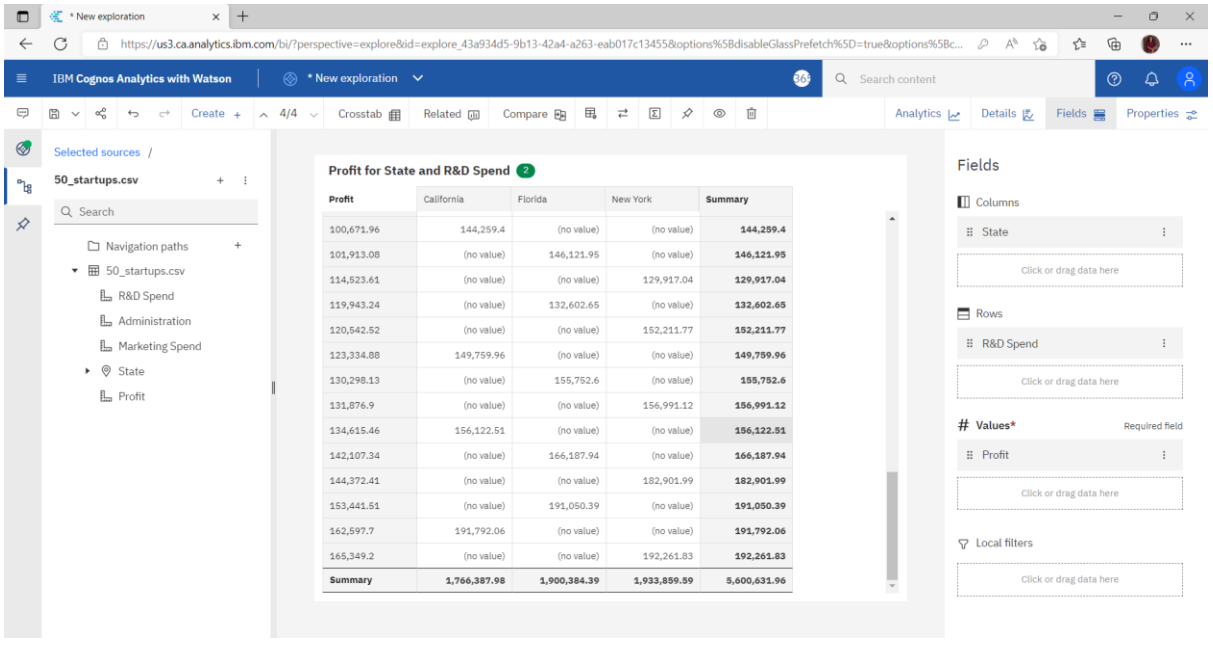
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IBM Cognos Analytics with Watson
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Search content
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Crosstab
Related
Compare
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50_startups.csv
Search
Navigation paths
50_startups.csv
R&D Spend
Administration
Marketing Spend
State
Profit
Profit for State and R&D Spend
Profit | California | Florida | New York | Summary
100,671.96 | 144,259.4 | (no value) | (no value) | 144,259.4
101,913.08 | (no value) | 146,121.95 | (no value) | 146,121.95
114,523.61 | (no value) | (no value) | 129,917.04 | 129,917.04
119,943.24 | (no value) | 132,602.65 | (no value) | 132,602.65
120,542.52 | (no value) | (no value) | 152,211.77 | 152,211.77
123,334.88 | 149,759.96 | (no value) | (no value) | 149,759.96
130,298.13 | (no value) | 155,752.6 | (no value) | 155,752.6
131,876.9 | (no value) | (no value) | 156,991.12 | 156,991.12
134,615.46 | 156,122.51 | (no value) | (no value) | 156,122.51
142,107.34 | (no value) | 166,187.94 | (no value) | 166,187.94
144,372.41 | (no value) | (no value) | 182,901.99 | 182,901.99
153,441.51 | (no value) | 191,050.39 | (no value) | 191,050.39
162,597.7 | 191,792.06 | (no value) | (no value) | 191,792.06
165,349.2 | (no value) | (no value) | 192,261.83 | 192,261.83
Summary | 1,766,387.98 | 1,900,384.39 | 1,933,859.59 | 5,600,631.96
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
Click or drag data here