

### Assignment -1

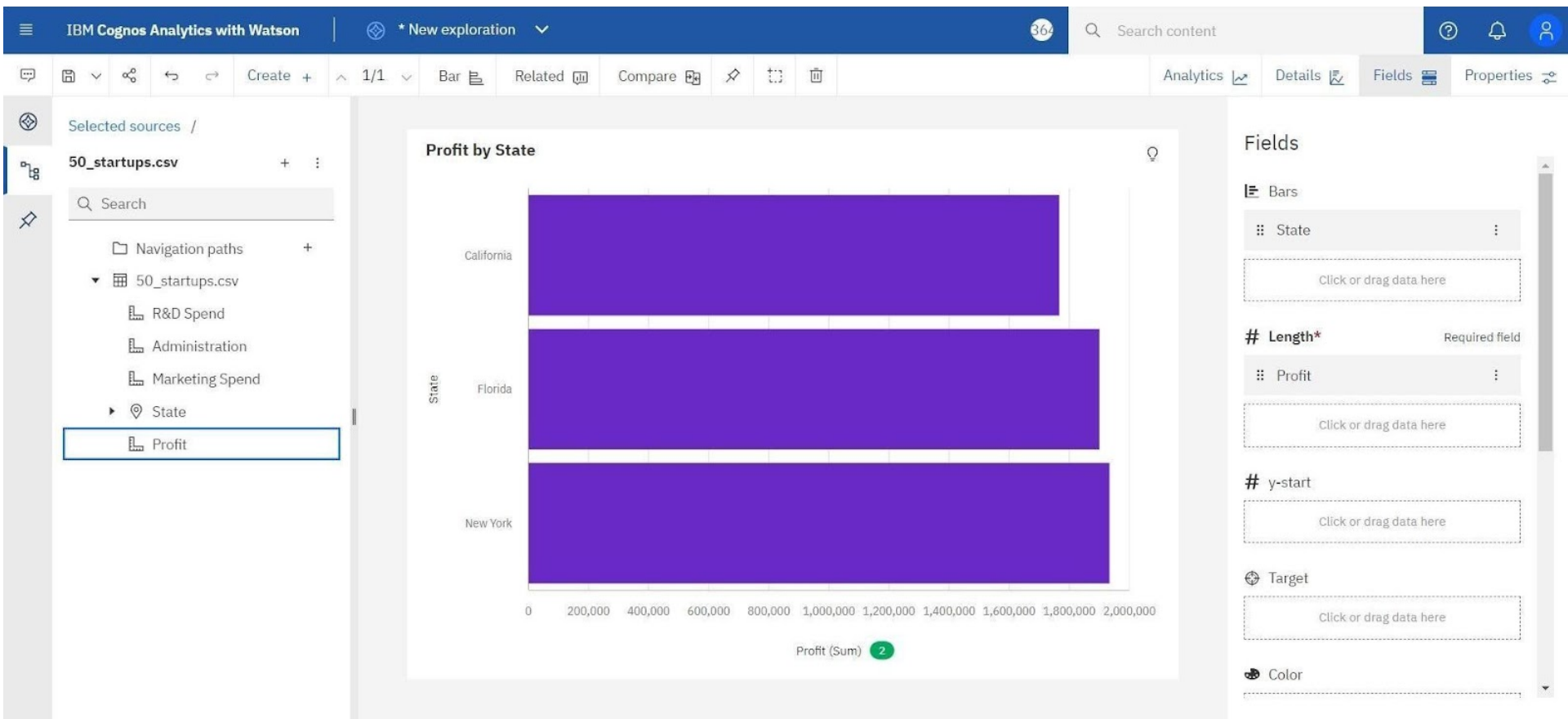
Data Analytics

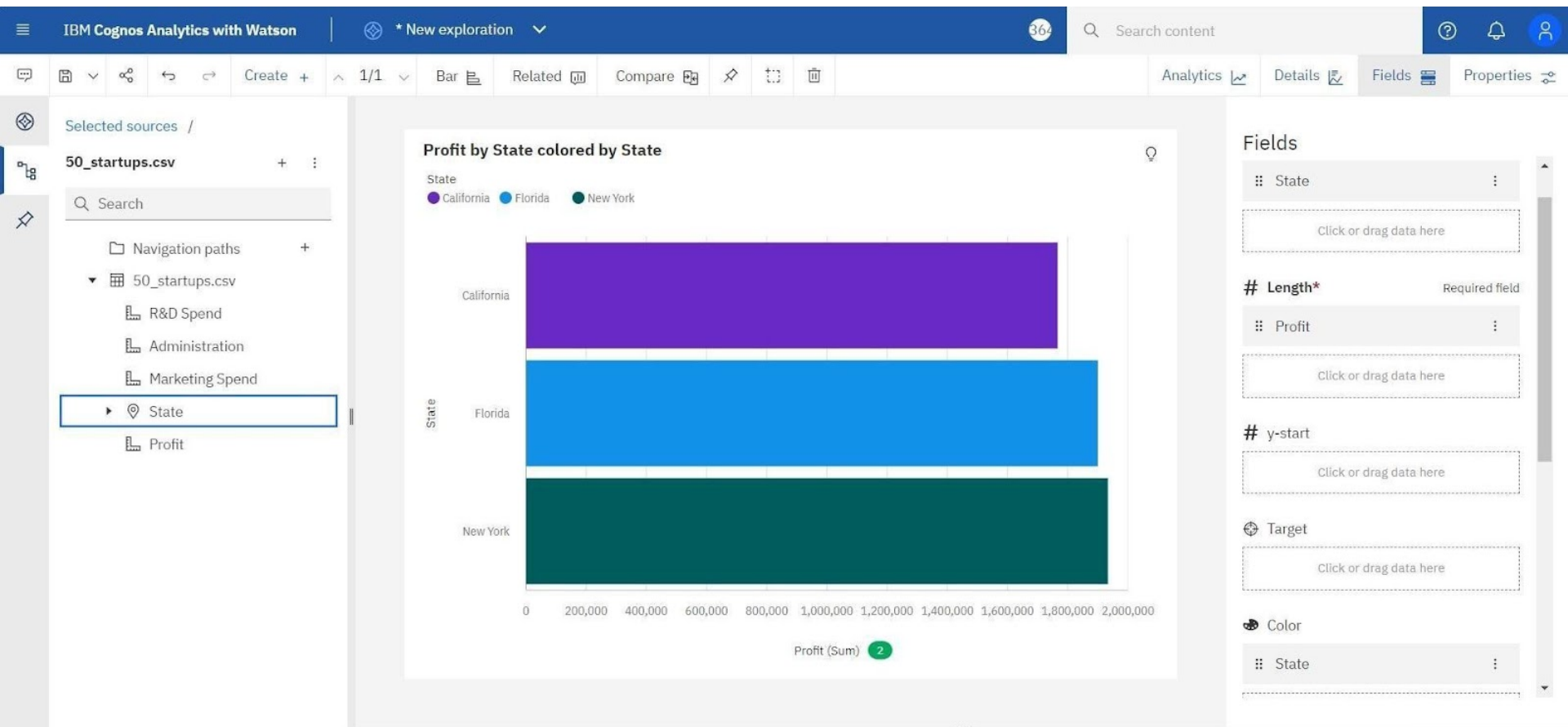
Assignment Date	19 September 2022
Student Name	Mr.Harsha Vardhan U
Student Roll Number	2127190801027
Maximum Marks	2 Marks

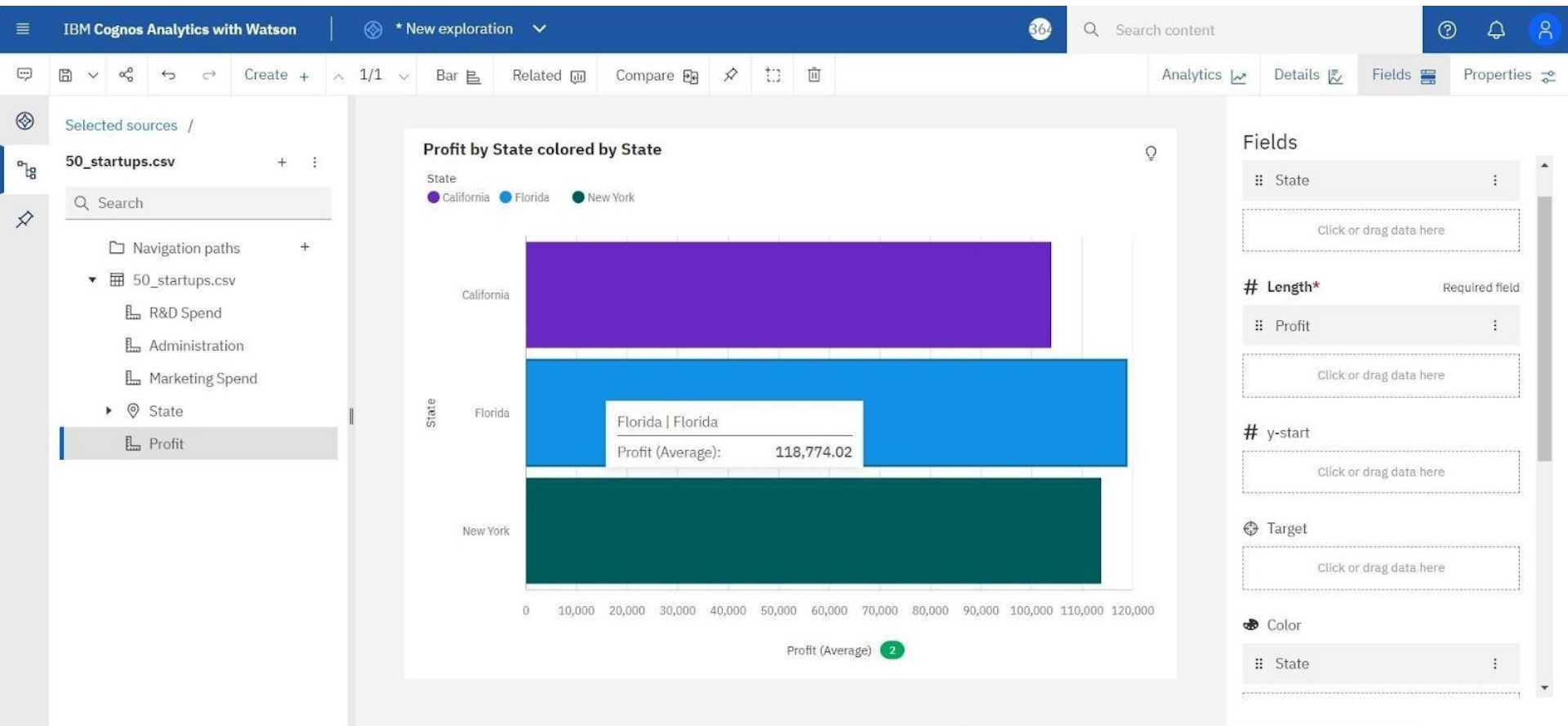
#### Question-1:

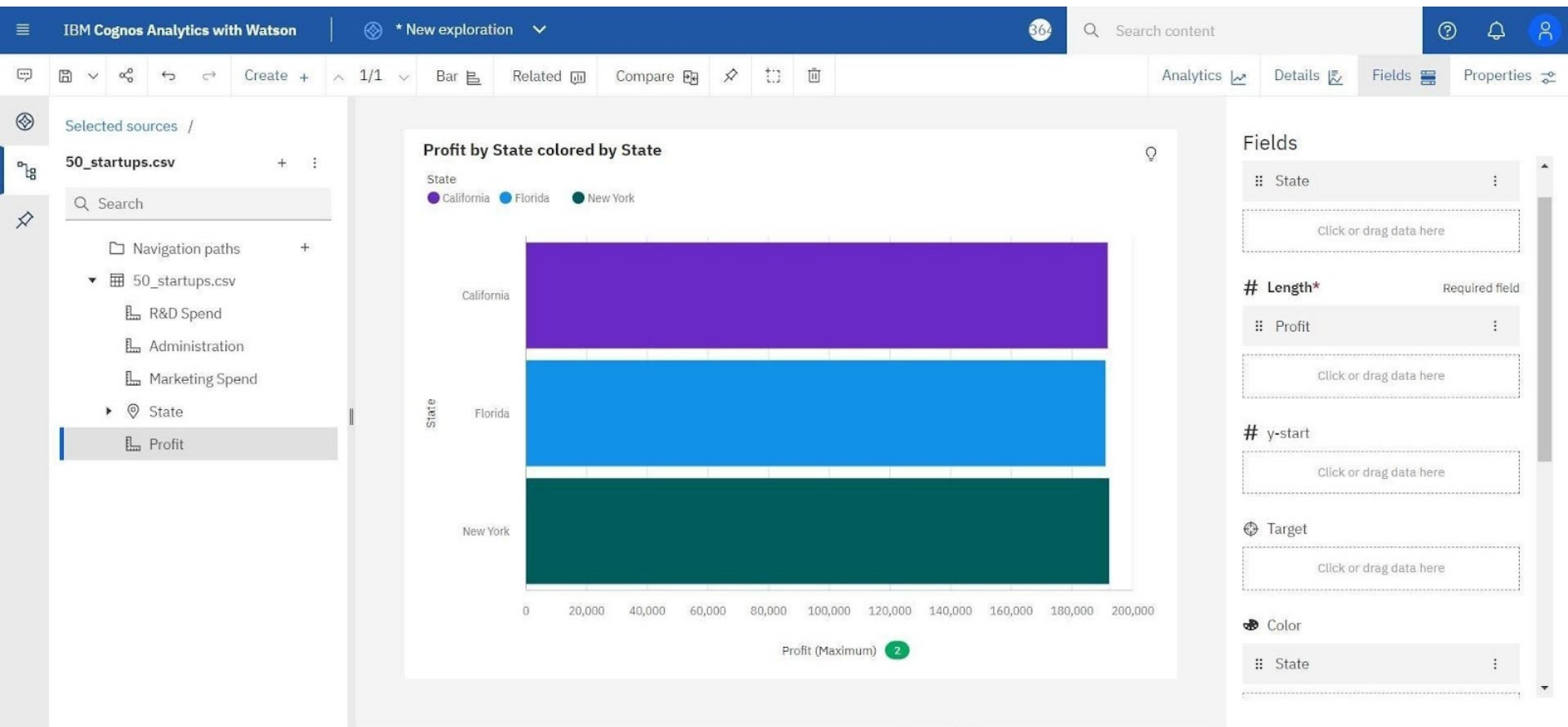
**Upload the 50-Startup dataset to Cognos Analytics, explore and visualize the dataset**

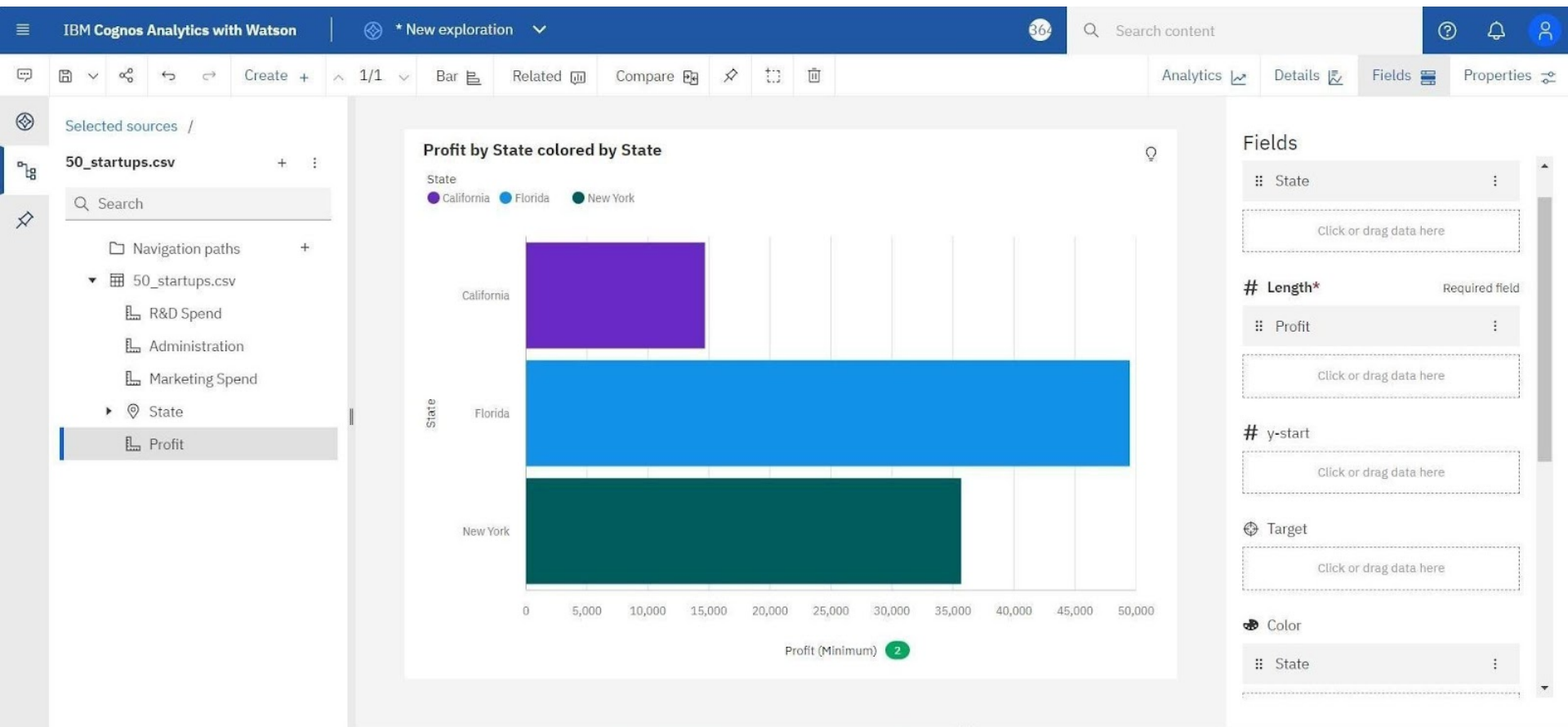
## Solution:





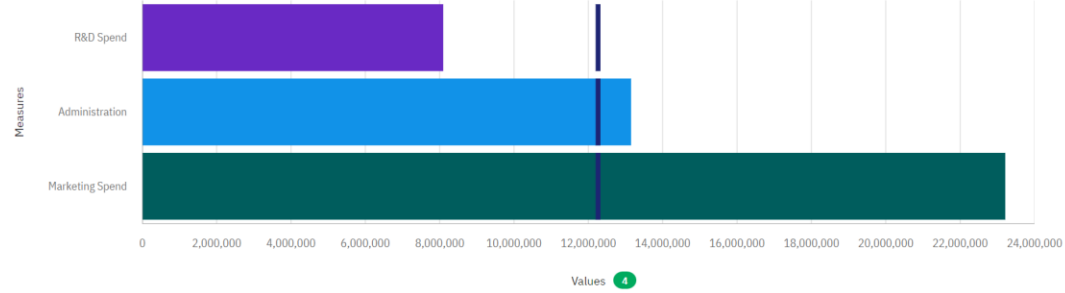






## R&D Spend, Administration, Marketing Spend, Profit 4

Measures  
 R&D Spend Administration Marketing Spend Profit (Sum)



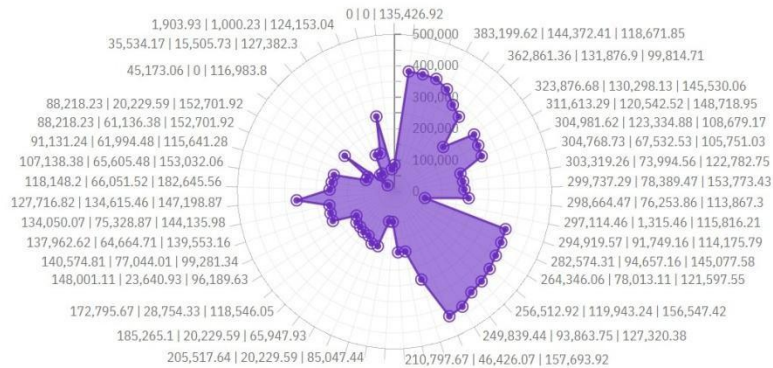
## AdministrationR&D SpendMarketing Spend by Profit colored by Profit

Profit (Sum)  
 29,362.8 432,778.2

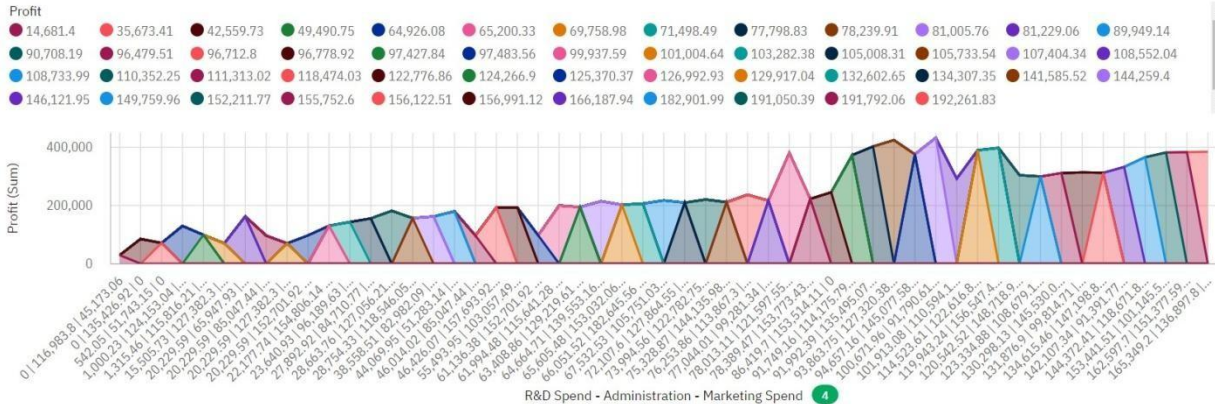


Administration (Sum) - R&D Spend (Sum) - Marketing Spend (Sum)

Profit by Marketing Spend, R&D Spend and Administration



Profit by R&D Spend, Administration and Marketing Spend colored by Profit

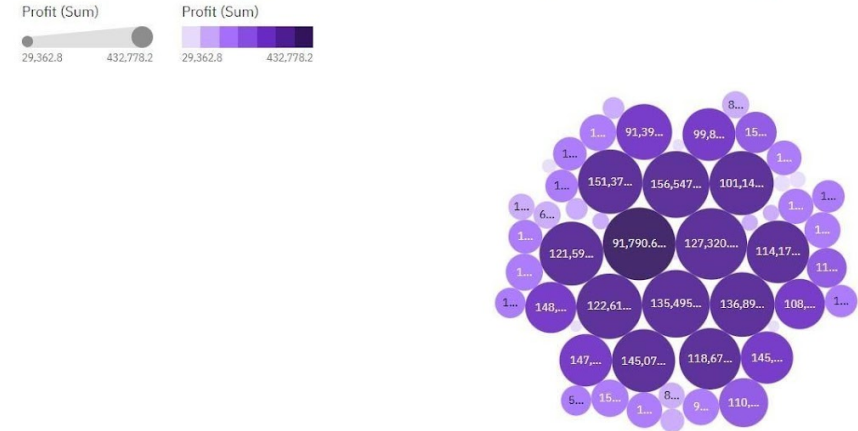


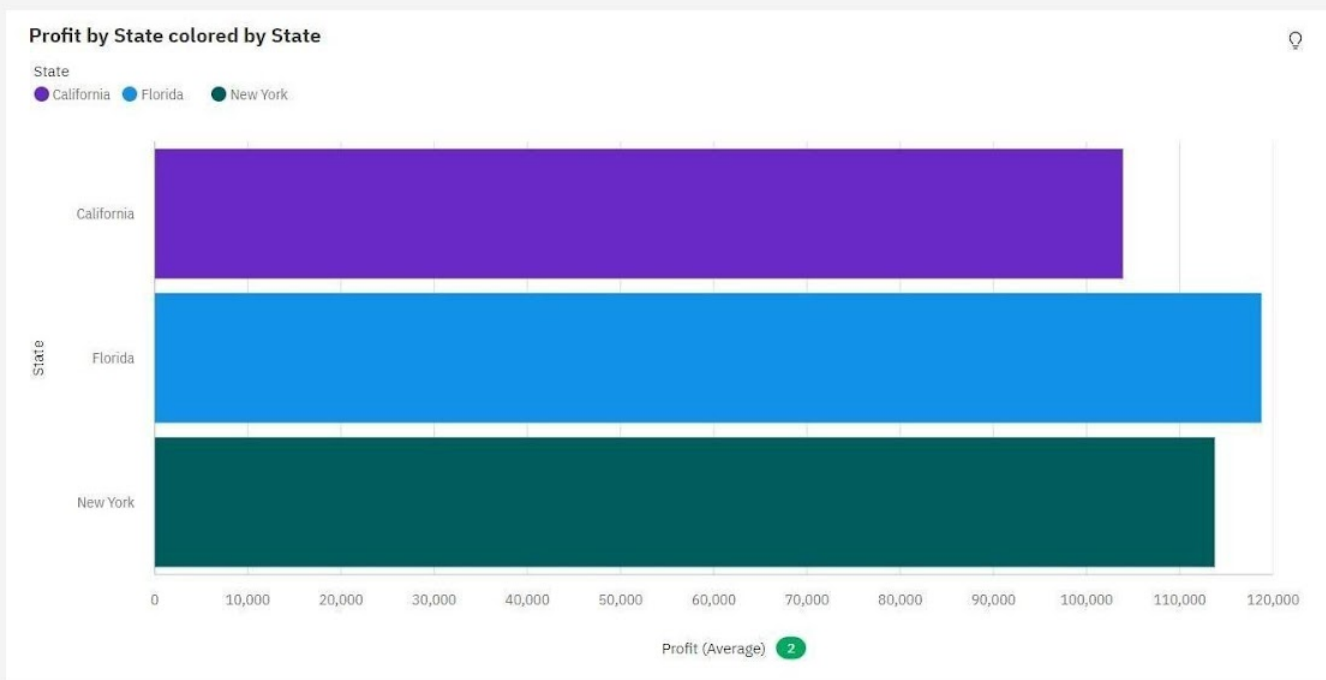


Marketing Spend hierarchy colored by Administration and sized by R&D Spend 8



Administration, Marketing Spend and R&D Spend colored by Profit sized by Profit 8





### Fields

State

Click or drag data here

# Length\*

Required field

Profit

Click or drag data here

# y-start

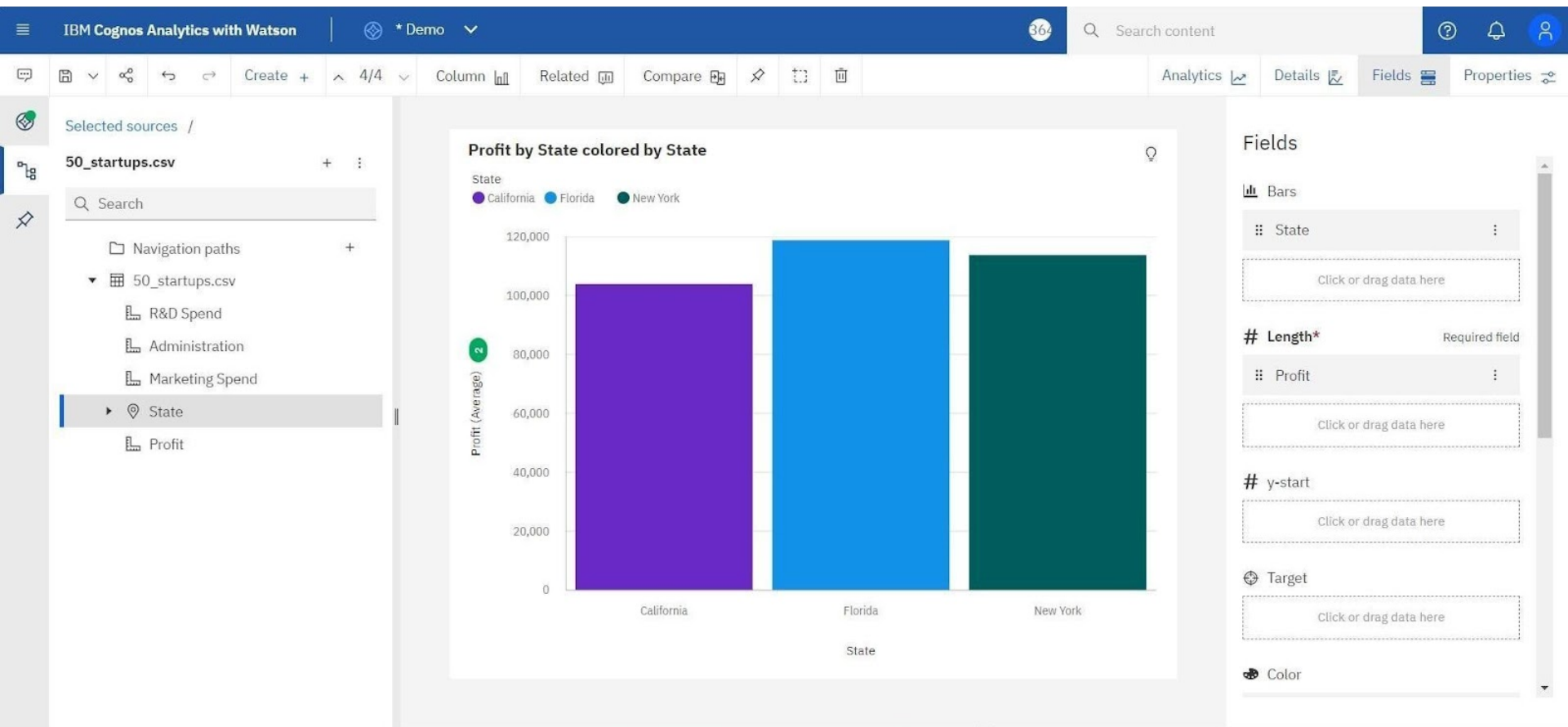
Click or drag data here

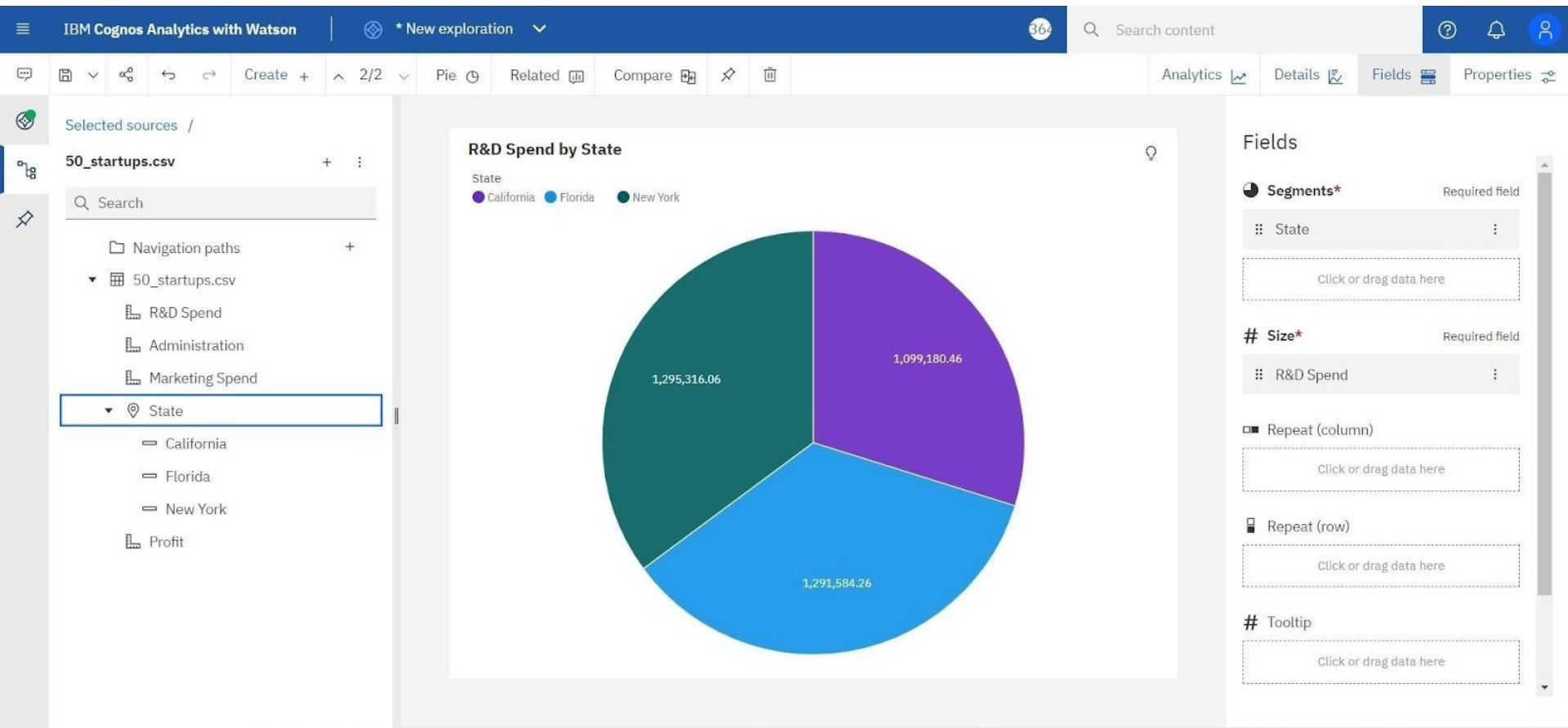
Target

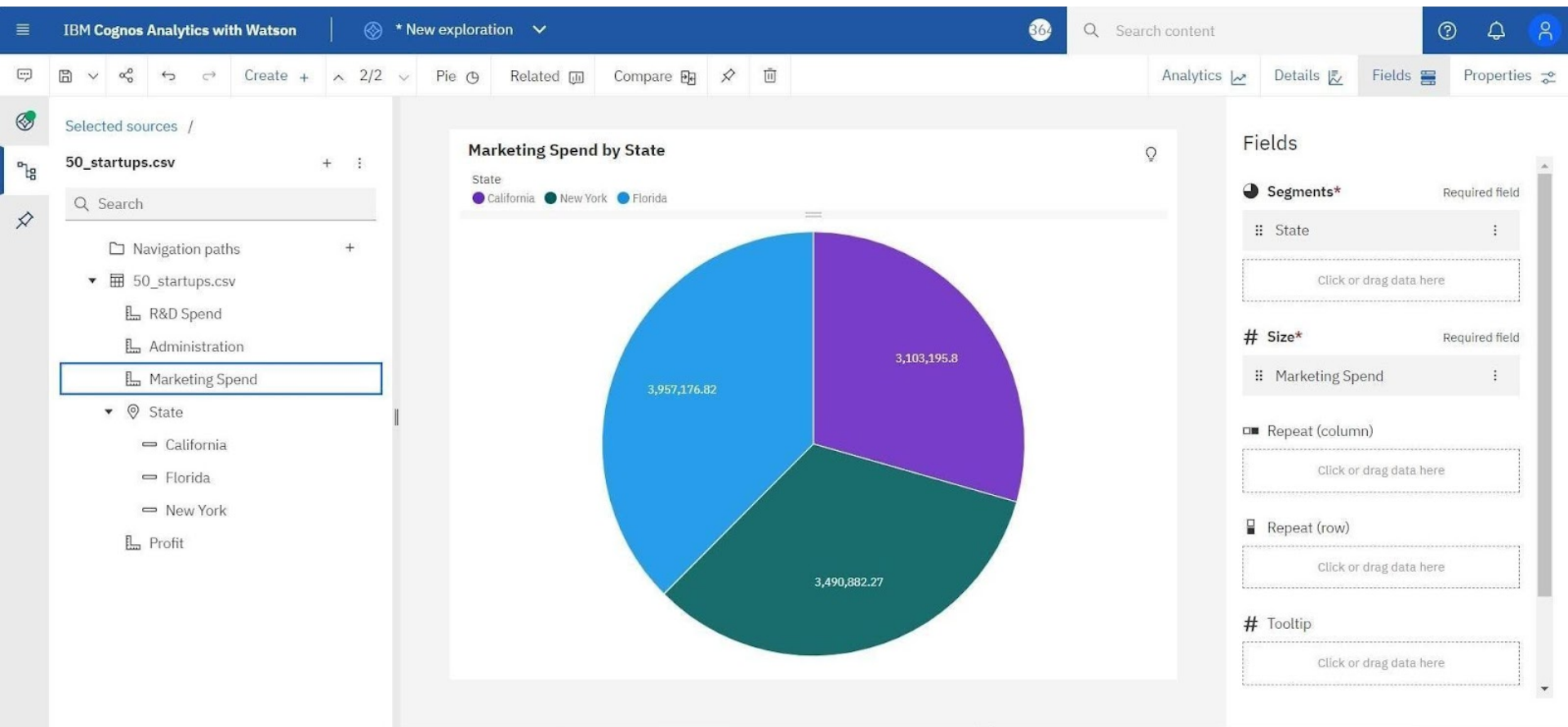
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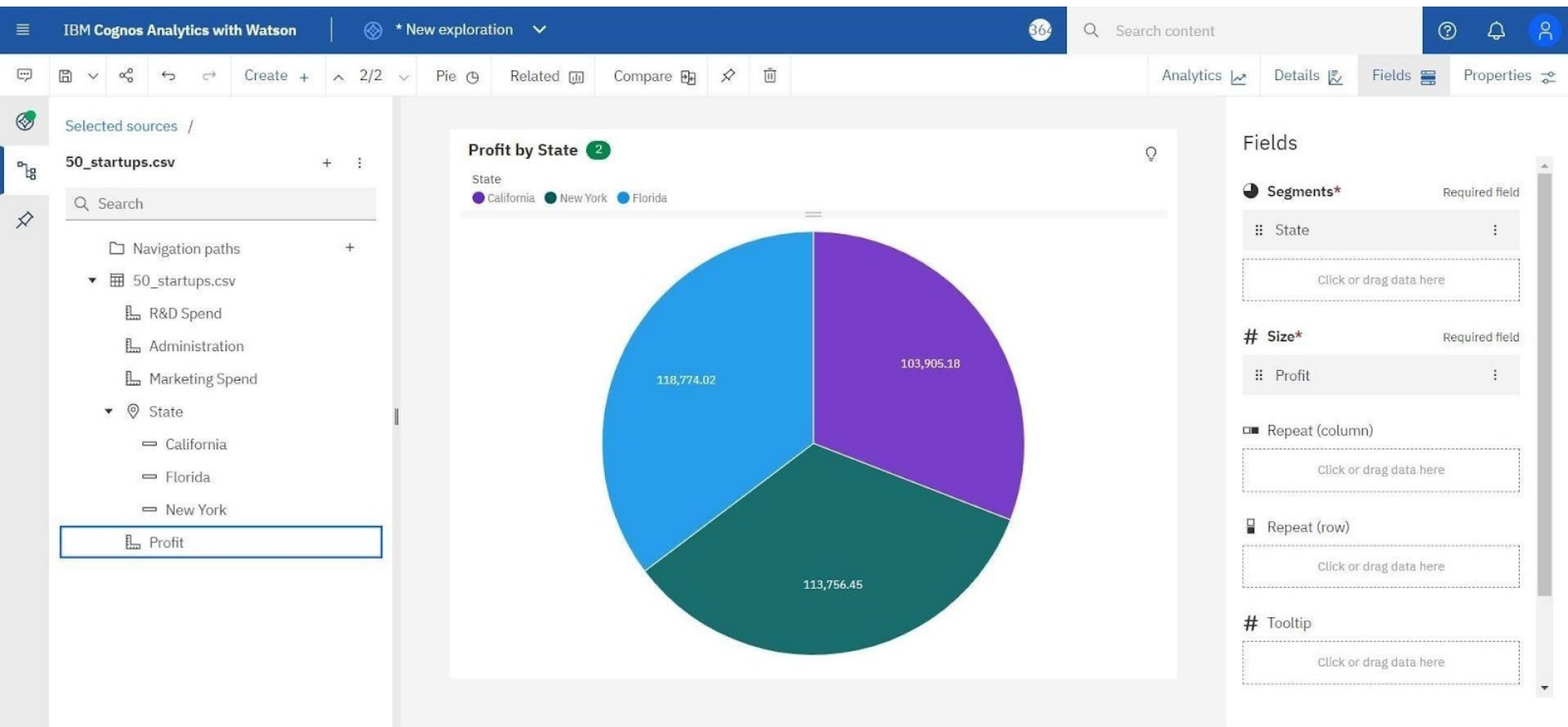
Color

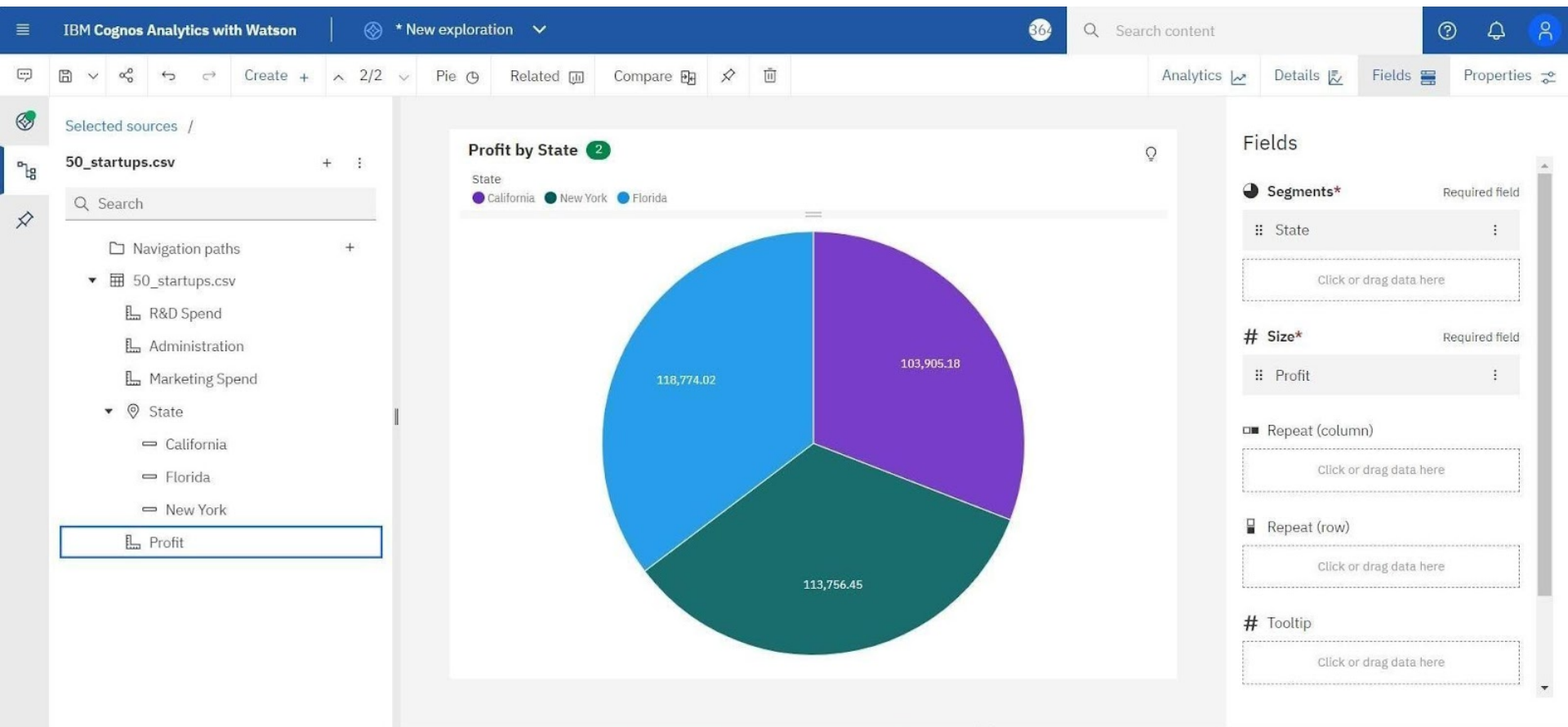
State

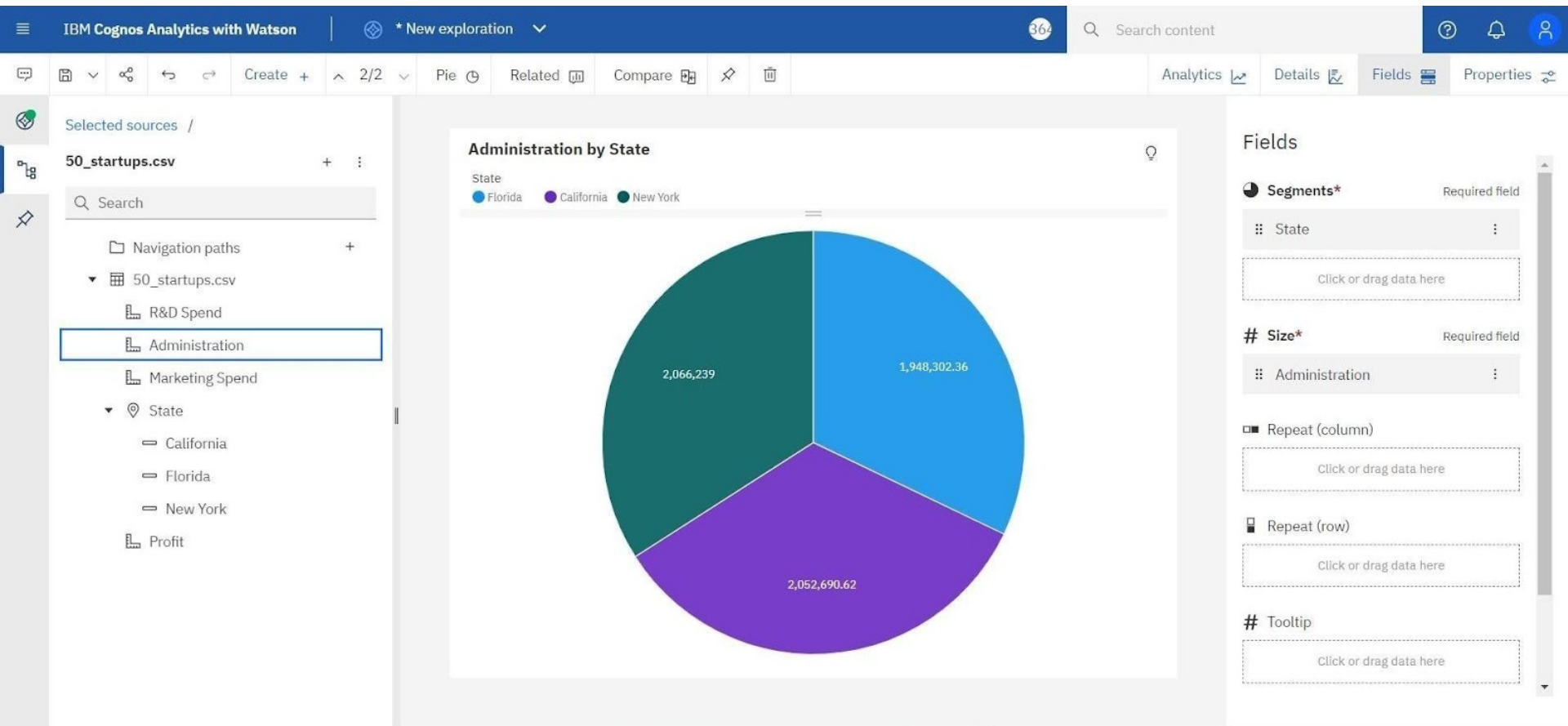




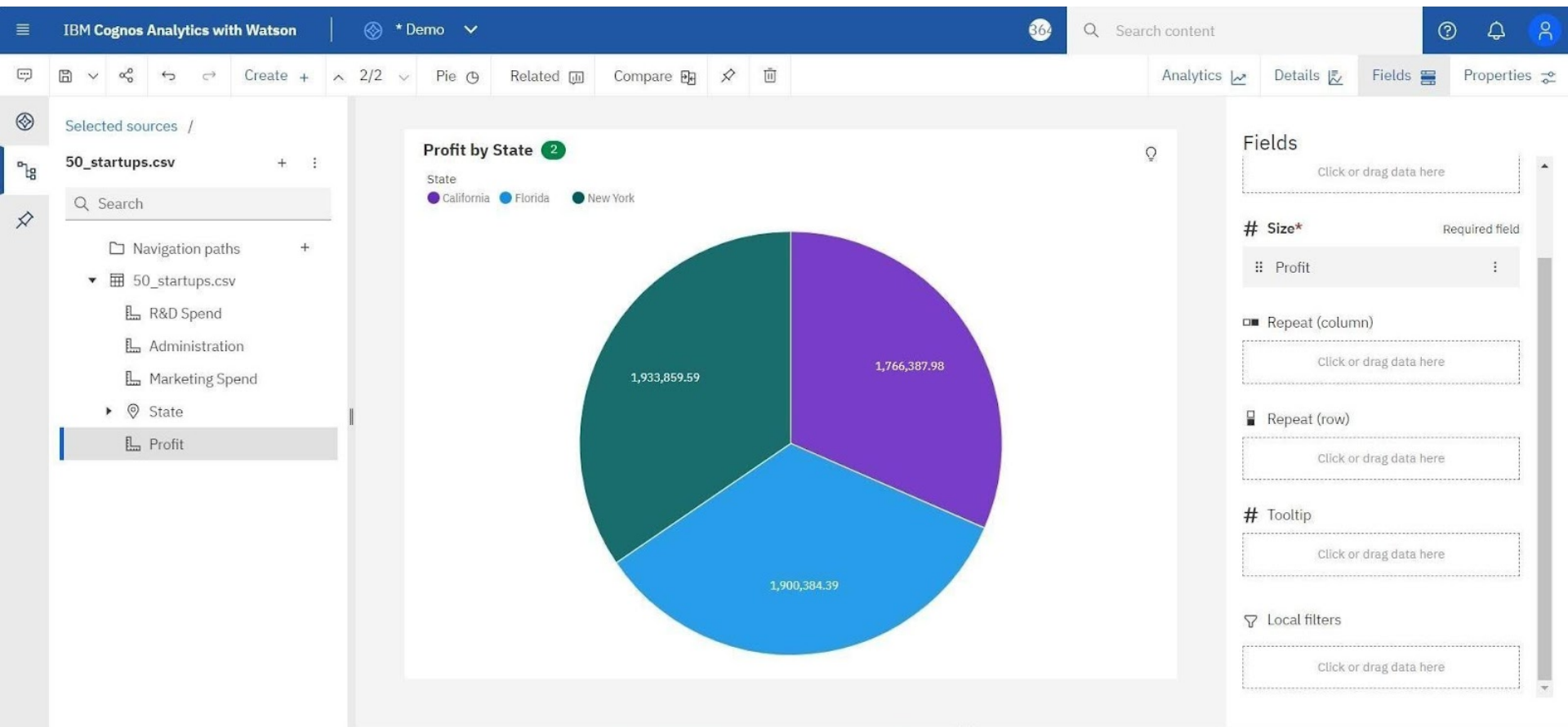












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Navigation paths

▼ 50\_startups.csv

**L R&D Spend**

## Administration

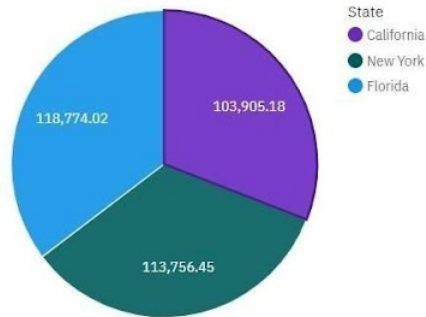
Marketing Spend

►  State

**L Profit**

Chart A

### Profit by State



**Chart B**

### Profit by State colored by State



Summary	Chart A : Profit	Chart B : Profit	Combined
Minimum	103,905.18	103,905.18	-
Maximum	118,774.02	118,774.02	-
Average (weighted)	112,012.64	112,012.64	-

## Fields

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# Length\*

Required field

∴ Profit

Click or drag data here

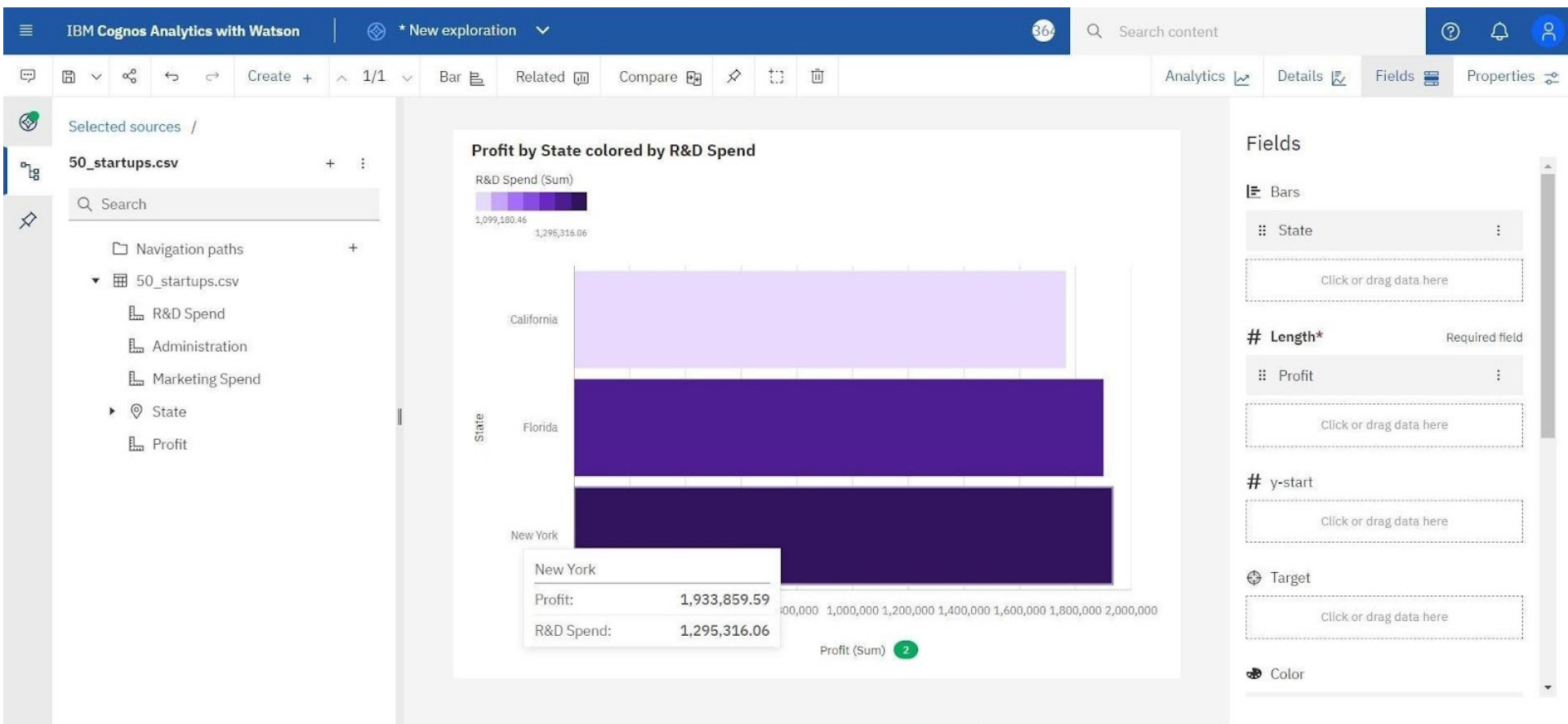
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# y-start
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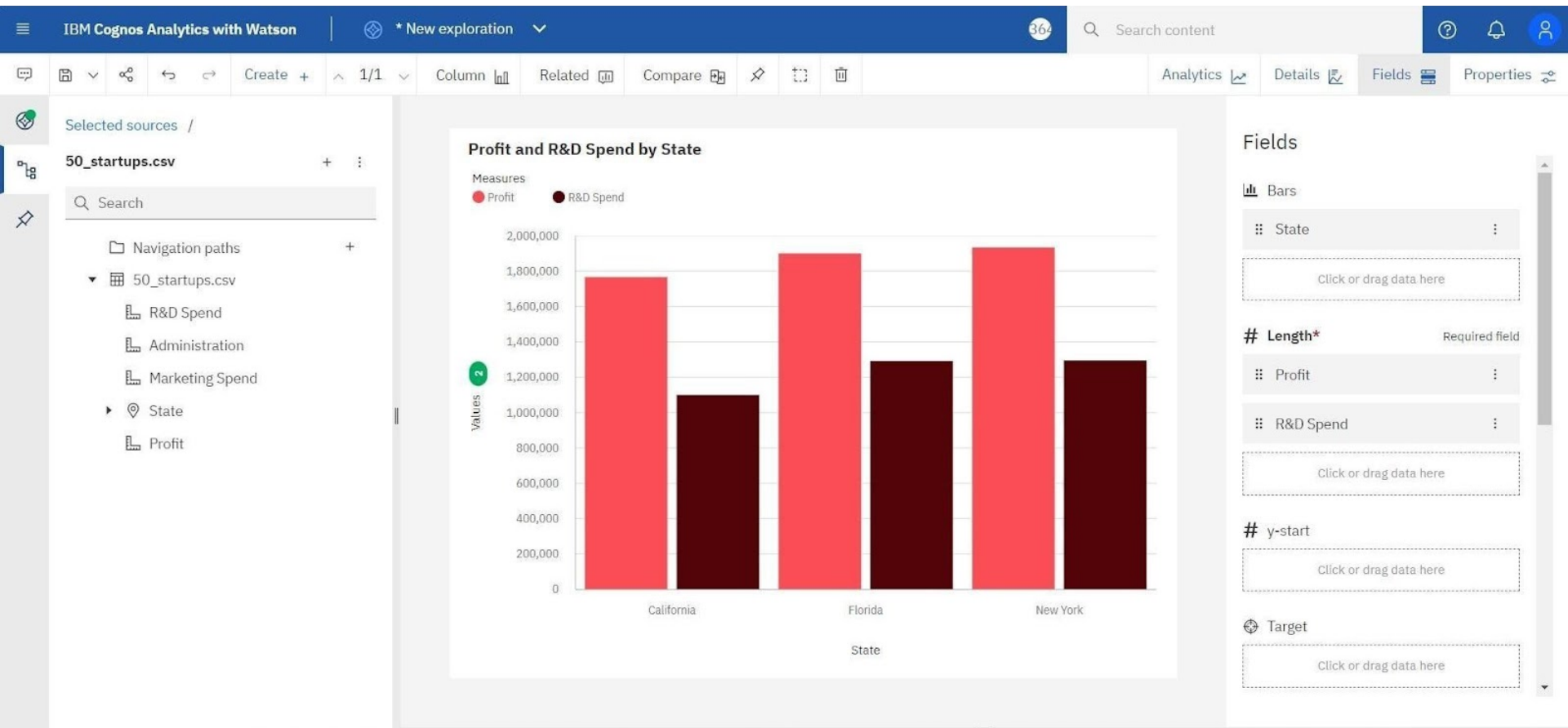
Click or drag data here

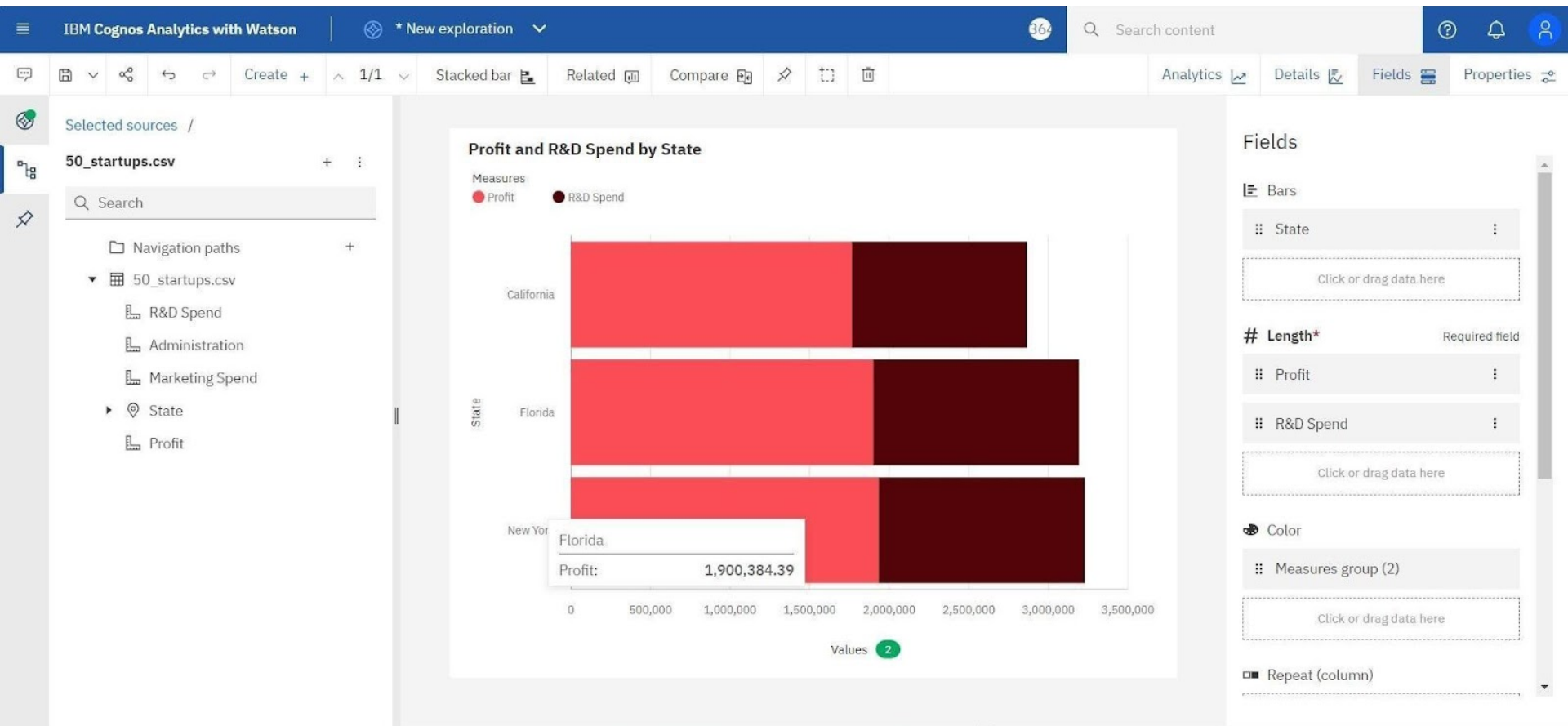
⊕ Target

Click or drag data here

 Color







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\* New exploration

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Analytics

Details

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Properties

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50\_startups.csv

🔍 Search

Navigation paths

50\_startups.csv

- R&D Spend
- Administration
- Marketing Spend
- State
- Profit

State, Profit 2

California

- 14,681.4
- 42,559.73
- 65,200.33
- 71,498.49
- 78,239.91
- 81,005.76
- 89,949.14
- 96,712.8
- 97,427.84
- 107,404.34
- 118,474.03
- 126,992.93
- 134,307.35
- 144,259.4
- 149,759.96
- 156,122.51
- 191,792.06

Florida

- 49,490.75
- 77,798.83
- 88,208.18

California | 89,949.14

Fields

Level one\* Required field

- State
- Profit

Click or drag data here

Local filters

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Analytics

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Selected sources /

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🔍 Search

📁 Navigation paths

50\_startups.csv

R&D Spend

Administration

Marketing Spend

State

Profit

R&D Spend, Profit and State 2

State	Profit	R&D Spend
California	1,766,387.98	1,099,180.46
Florida	1,900,384.39	1,291,584.26
New York	1,933,859.59	1,295,316.06
Summary	5,600,631.96	3,686,080.78

Fields

Columns\* Required field

State

Profit

R&D Spend

Click or drag data here

Local filters

Click or drag data here

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Details

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Properties

Selected sources /

50\_startups.csv

Search

Navigation paths

50\_startups.csv

- R&D Spend
- Administration
- Marketing Spend
- State
- Profit

R&D Spend, Marketing Spend, Profit and State 2

State	Profit	R&D Spend	Marketing Spend
California	1,766,387.98	1,099,180.46	3,103,195.8
Florida	1,900,384.39	1,291,584.26	3,957,176.82
New York	1,933,859.59	1,295,316.06	3,490,882.27
Summary	5,600,631.96	3,686,080.78	10,551,254.89

Fields

Columns\*Required field

State

Profit

R&D Spend

Marketing Spend

Click or drag data here

Local filters

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\* New exploration

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📁 Navigation paths

📄 50\_startups.csv

📄 R&D Spend

📄 Administration

📄 Marketing Spend

📍 State

📄 Profit

R&D Spend, Marketing Spend, Profit, State and Administration 2

State	R&D Spend	Marketing Spend	Administration	Profit
California	1,099,180.46	3,103,195.8	2,052,690.62	1,766,387.98
Florida	1,291,584.26	3,957,176.82	1,948,302.36	1,900,384.39
New York	1,295,316.06	3,490,882.27	2,066,239	1,933,859.59
Summary	3,686,080.78	10,551,254.89	6,067,231.98	5,600,631.96

Fields

Columns\*

Required field

State

R&D Spend

Marketing Spend

Administration

Profit

Click or drag data here

Local filters

Click or drag data here