

Assignment -1

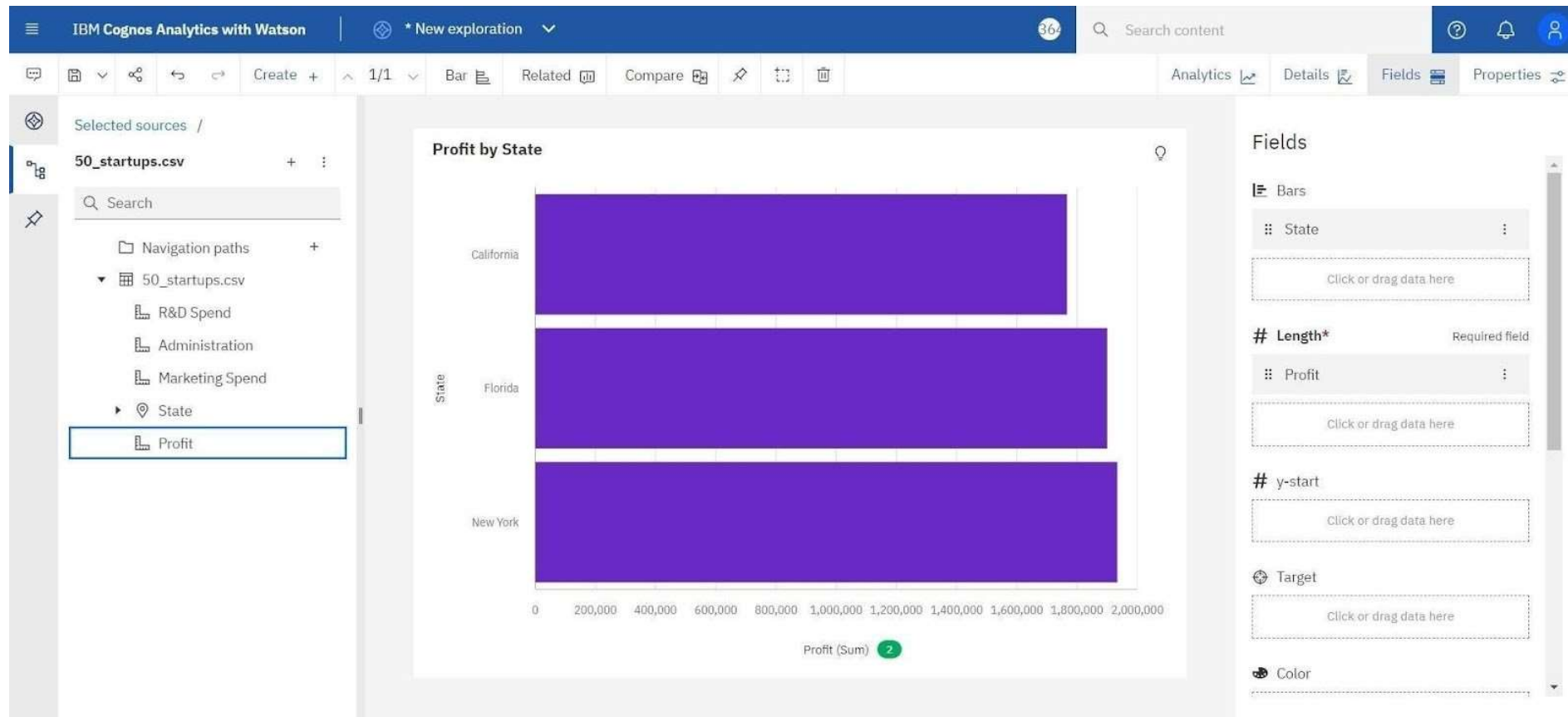
Data Analytics

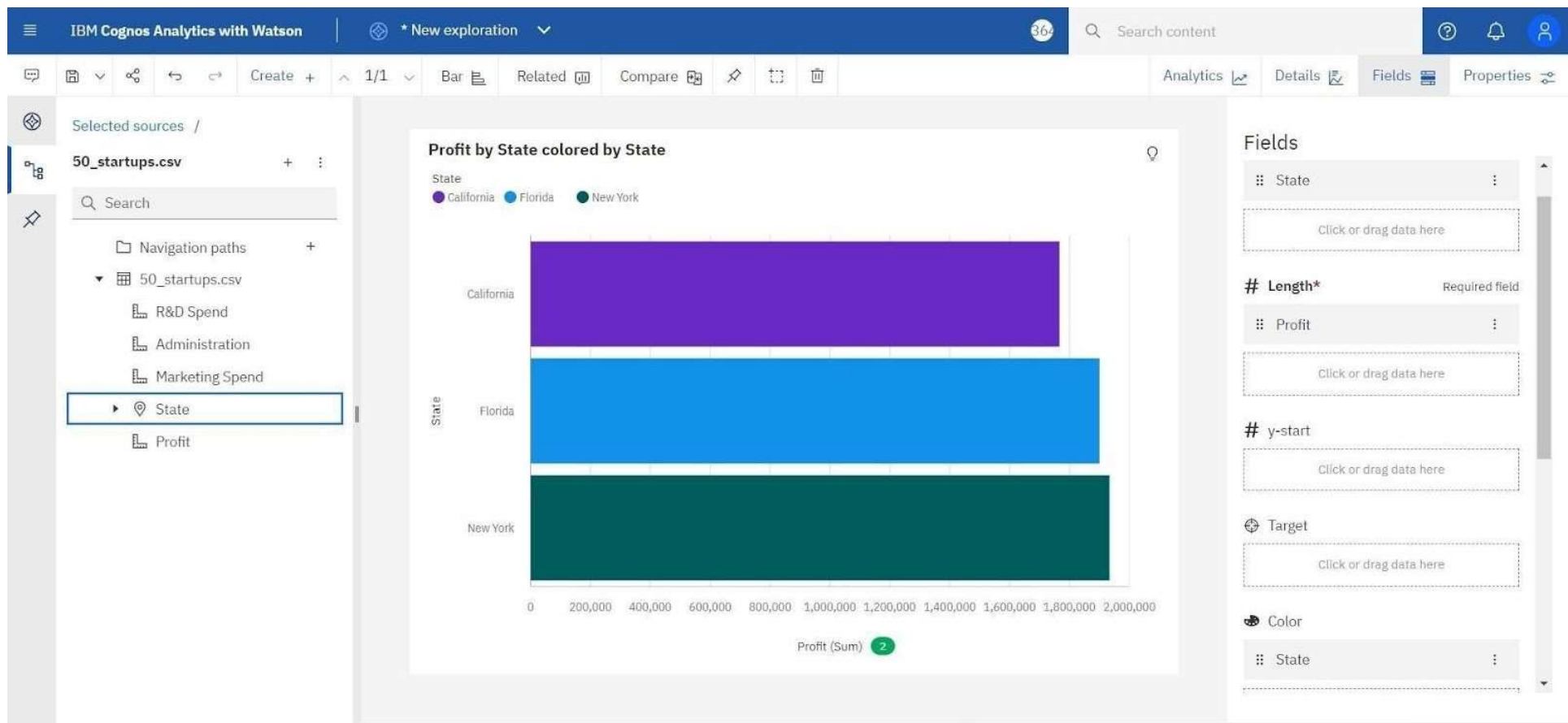
| | |
|---------------------|-------------------|
| Assignment Date | 19 September 2022 |
| Student Name | Mr.Kesav S J |
| Student Roll Number | 2127190801038 |
| Maximum Marks | 2 Marks |

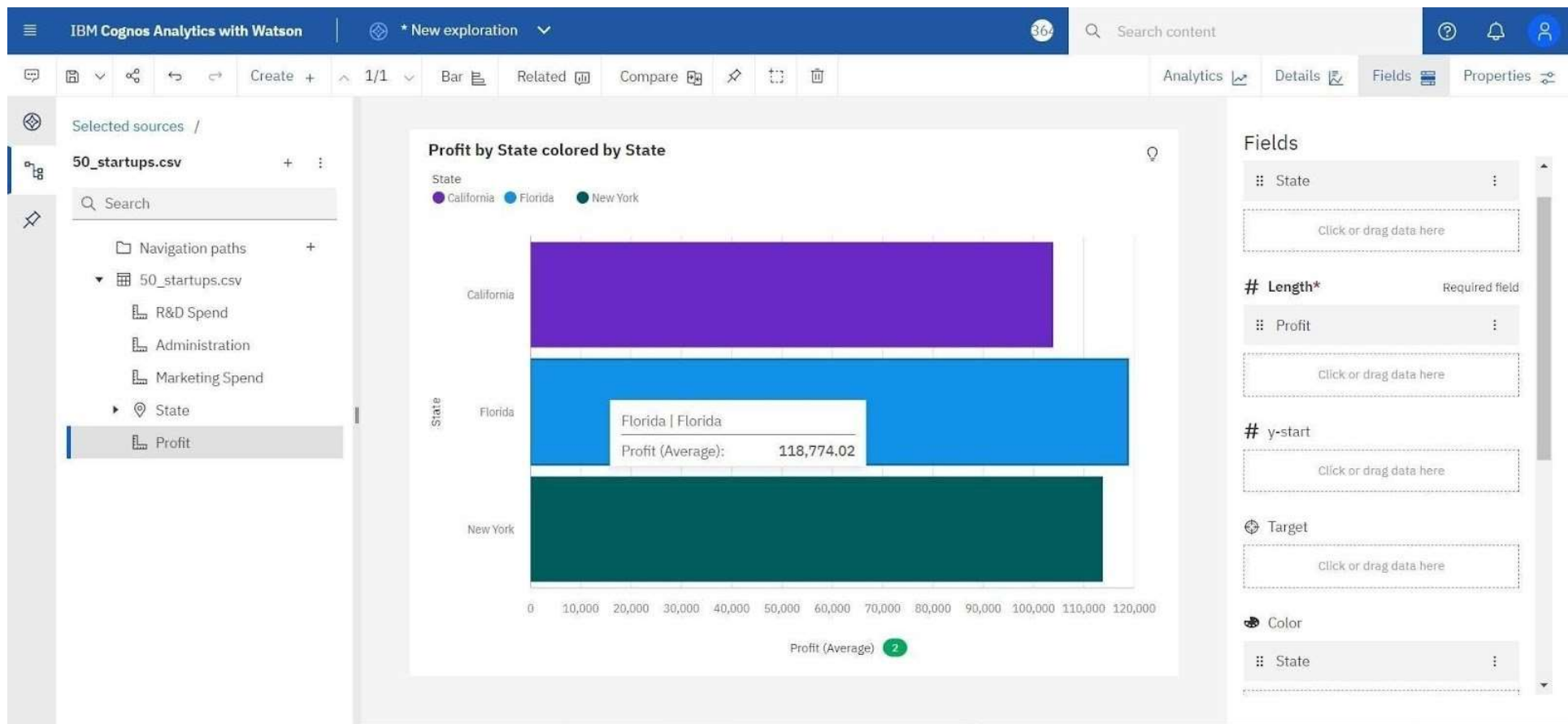
Question-1:

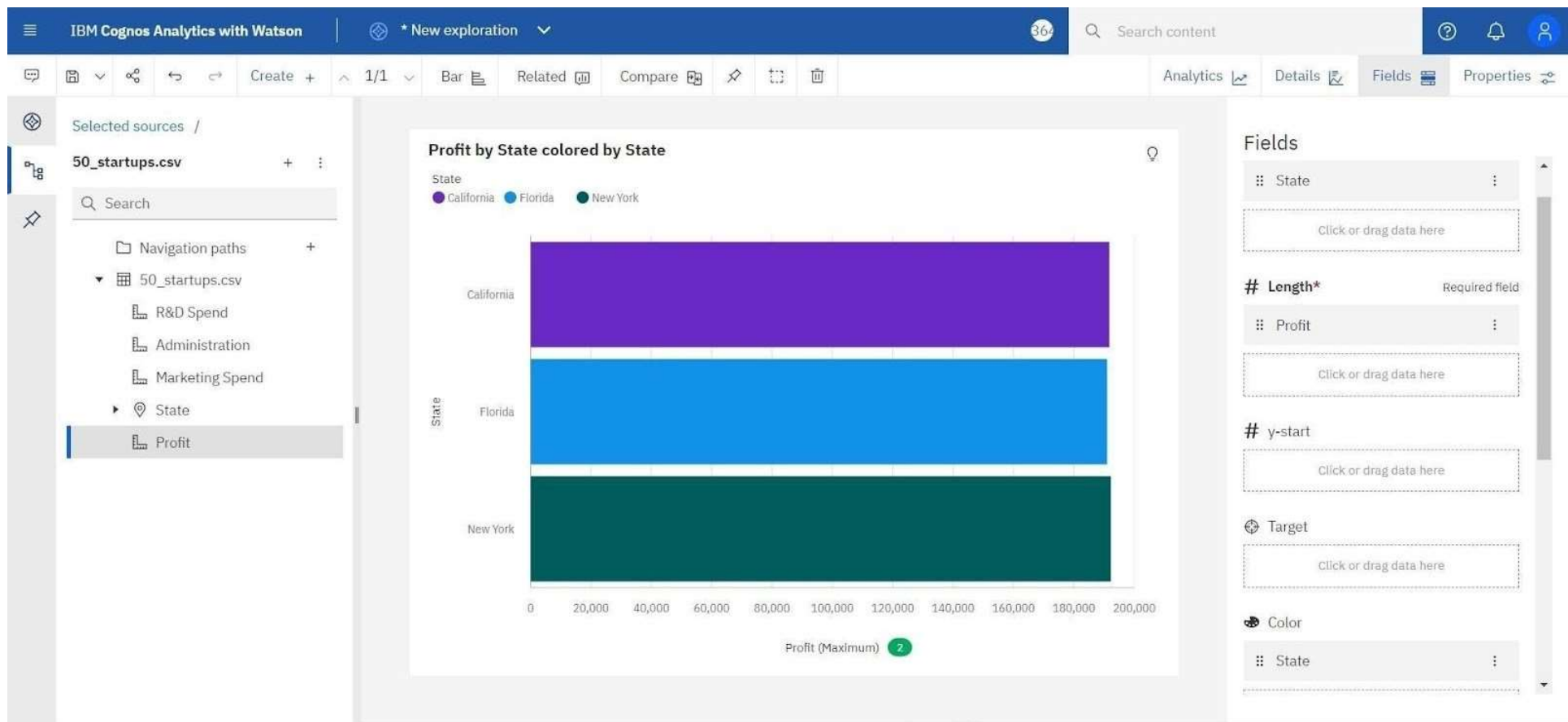
Upload the 50-Startup dataset to Cognos Analytics, explore and visualize the dataset

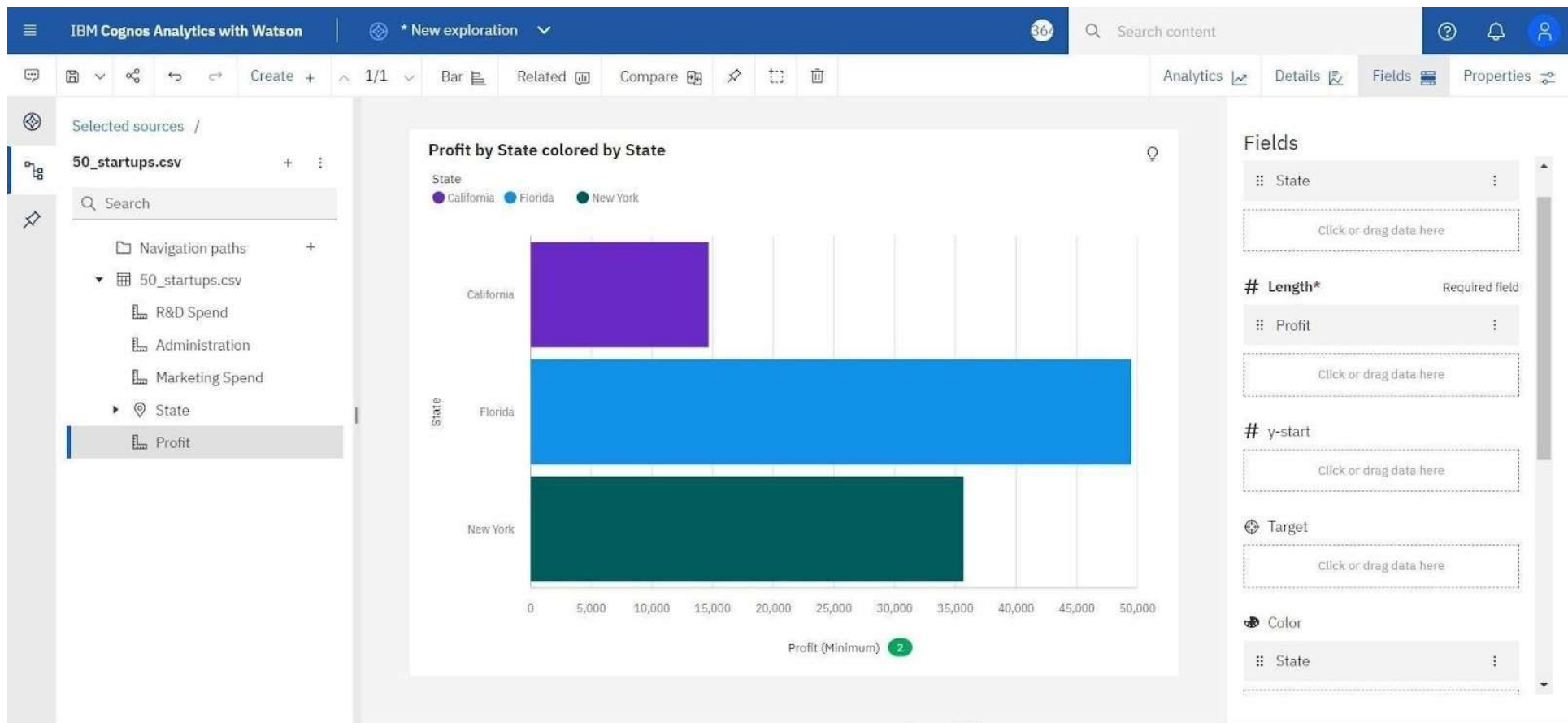
Solution:

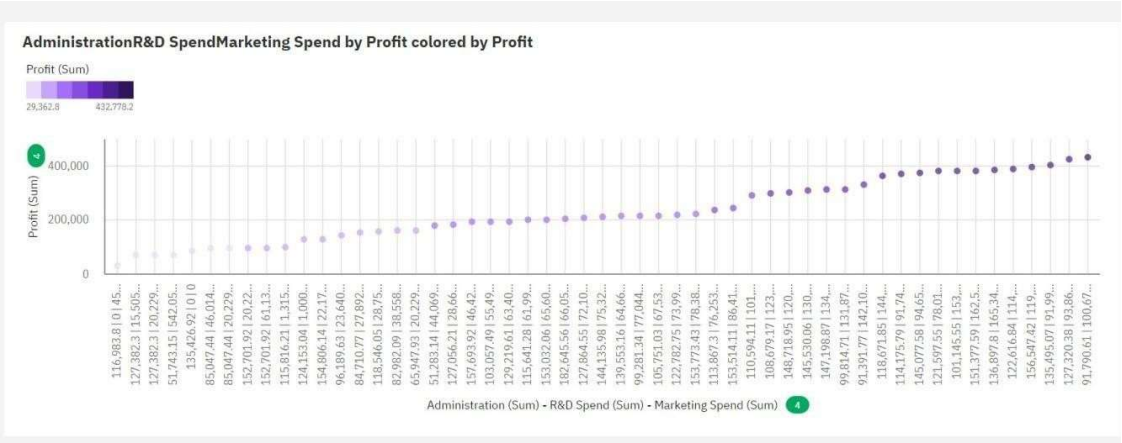




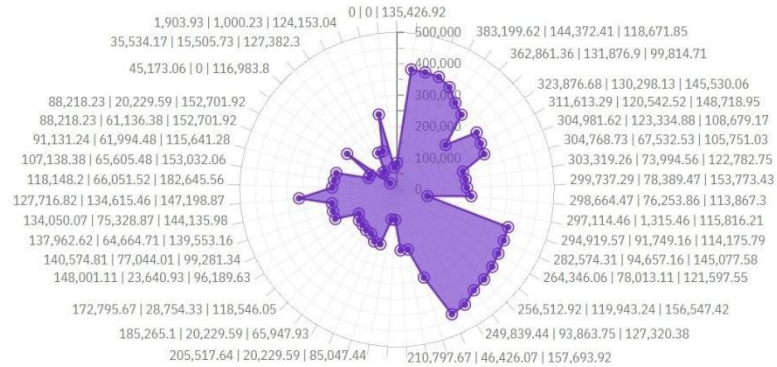




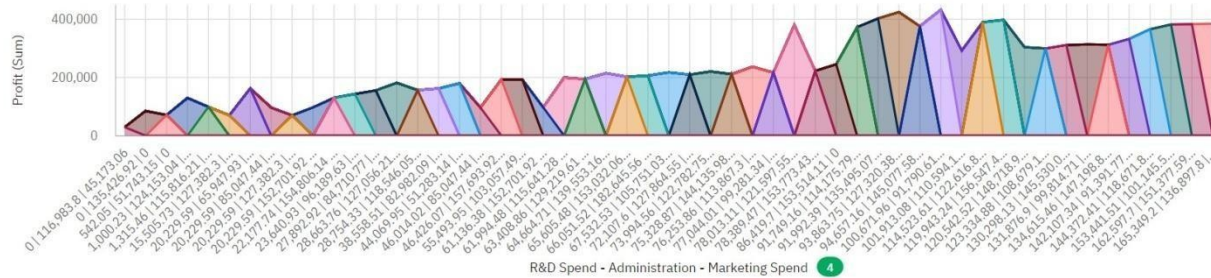
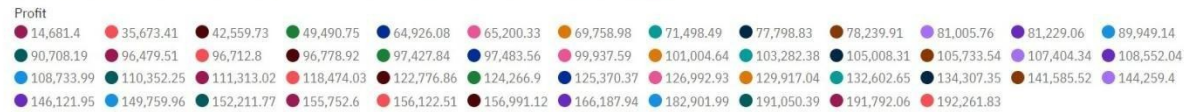




Profit by Marketing Spend, R&D Spend and Administration



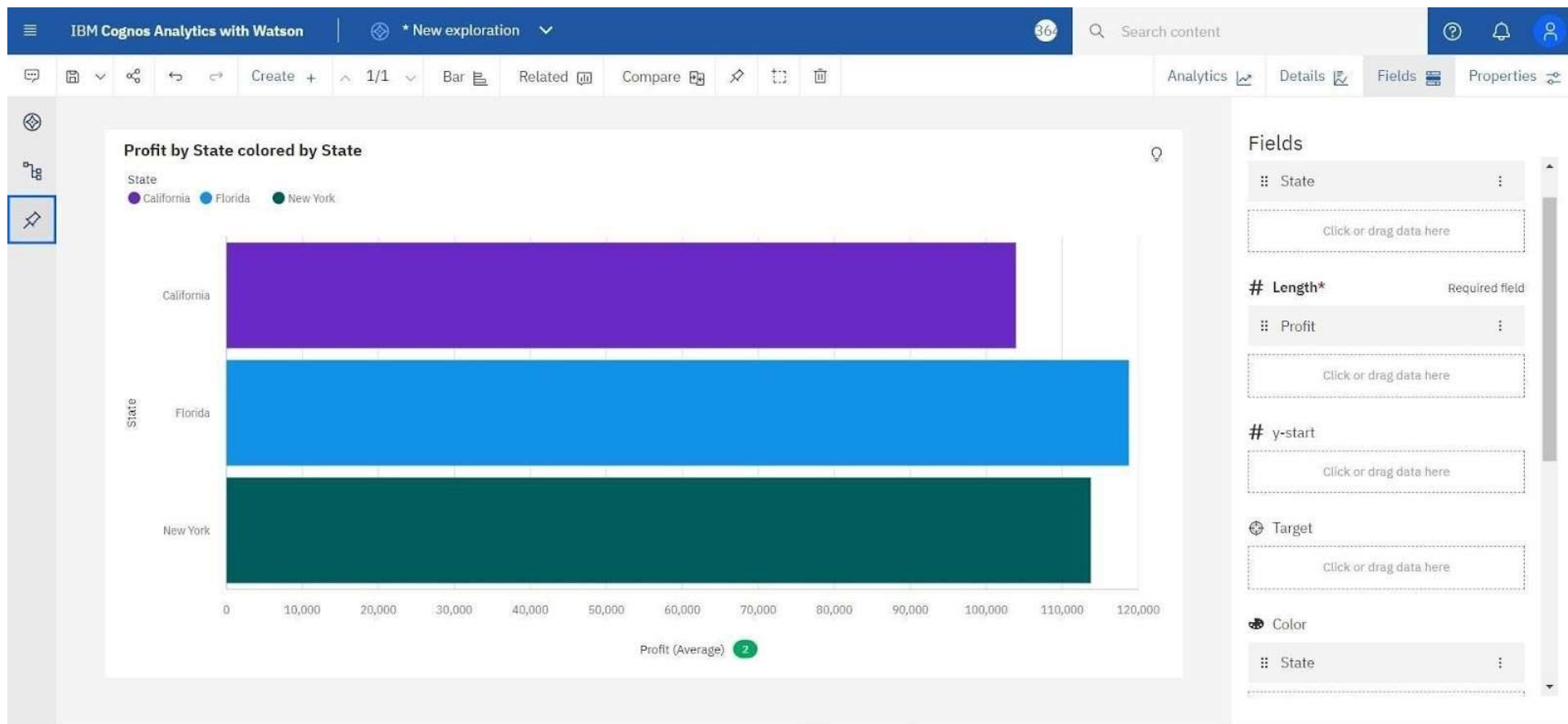
Profit by R&D Spend, Administration and Marketing Spend colored by Profit

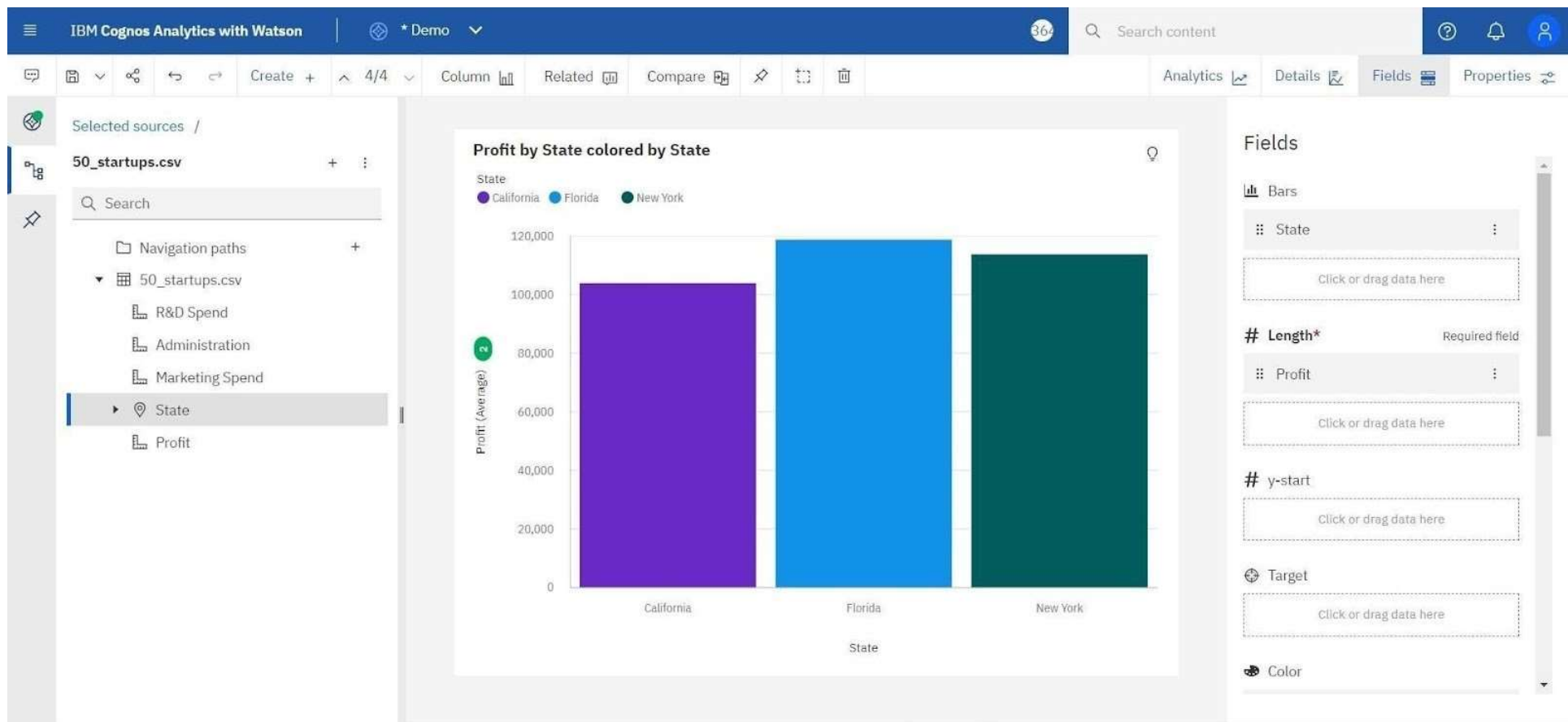


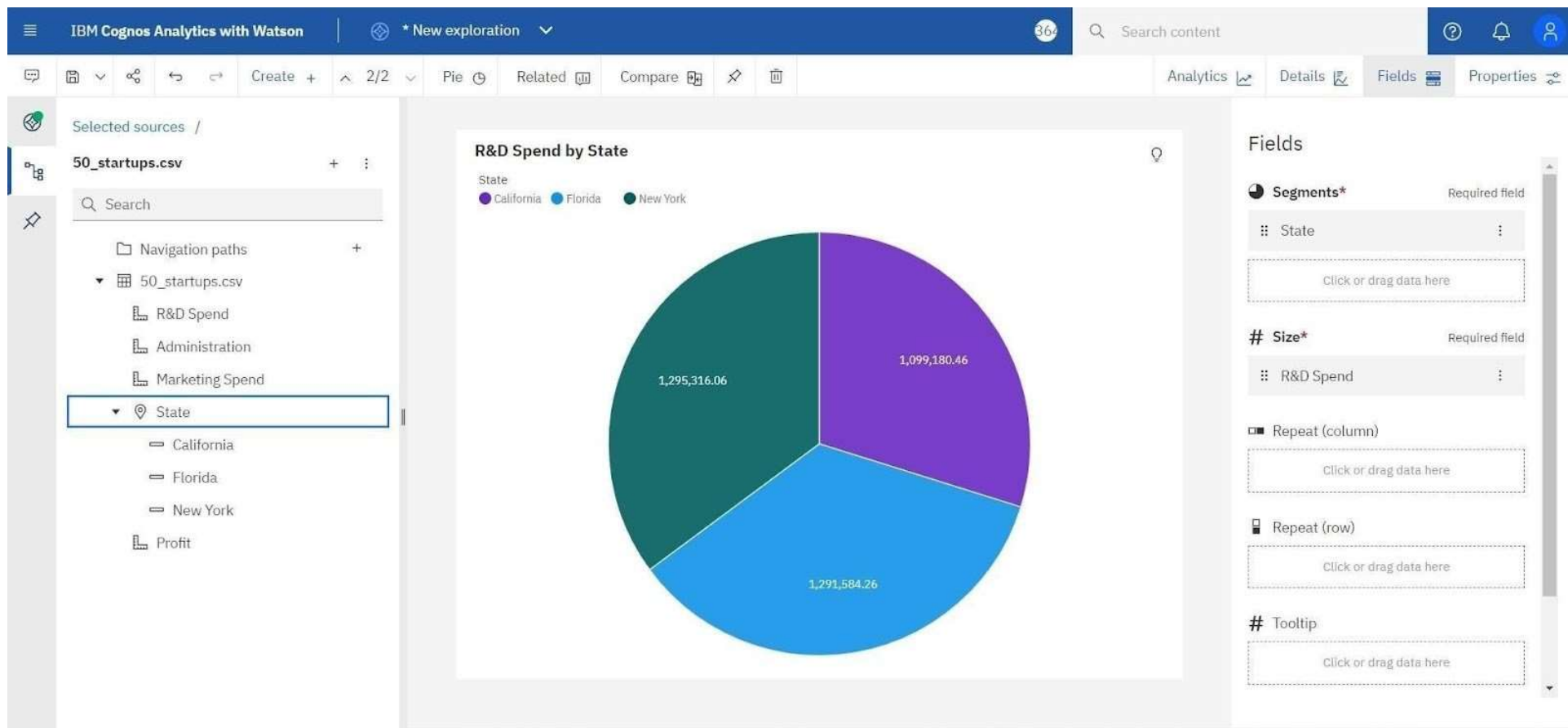


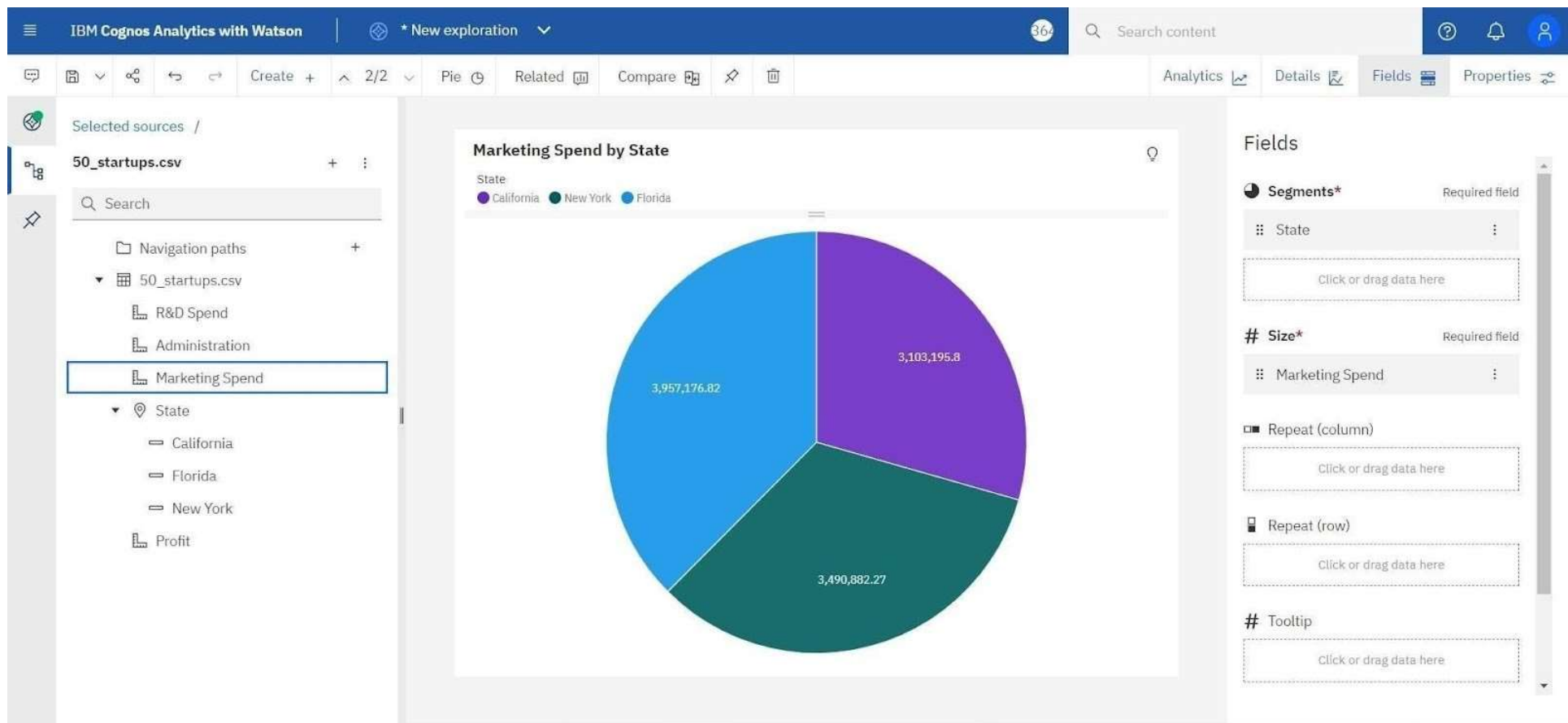
8

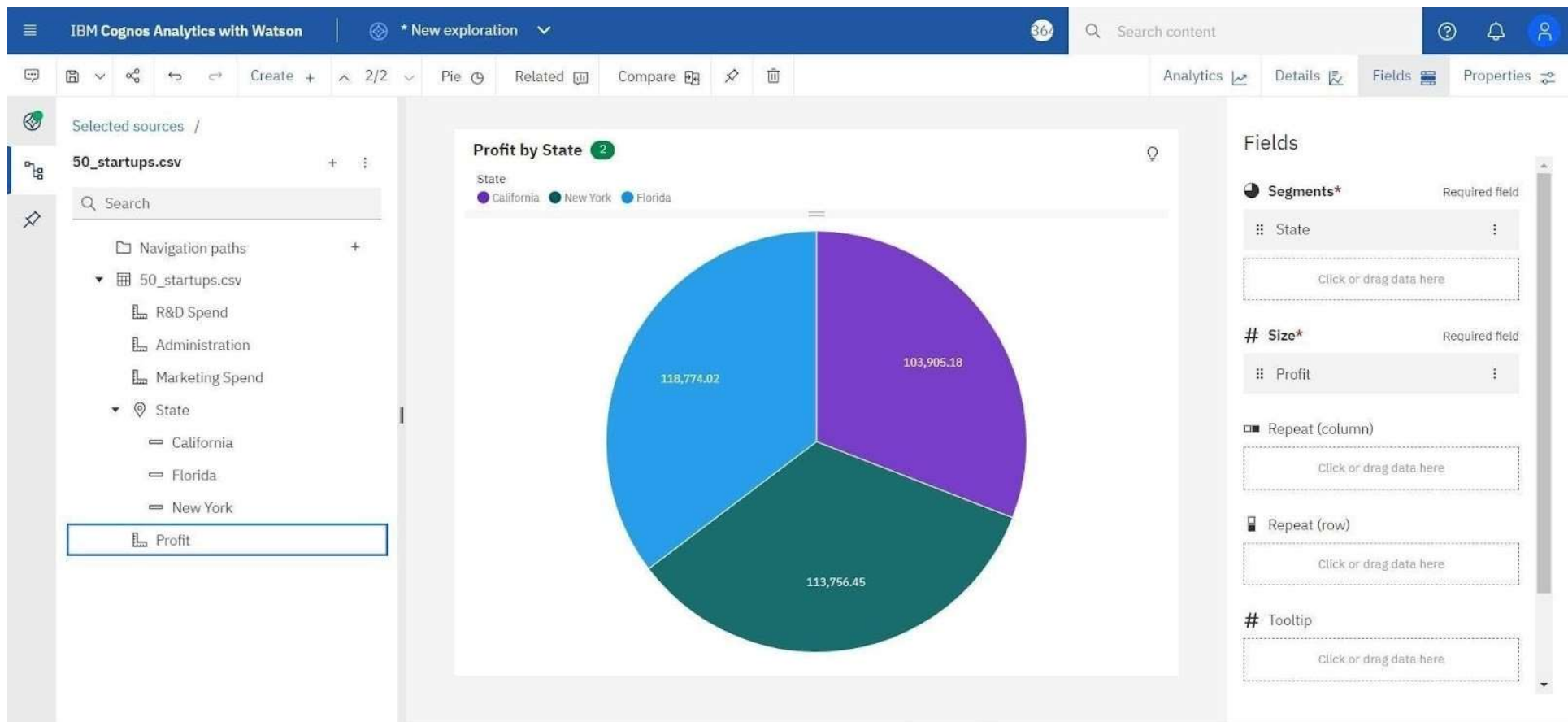


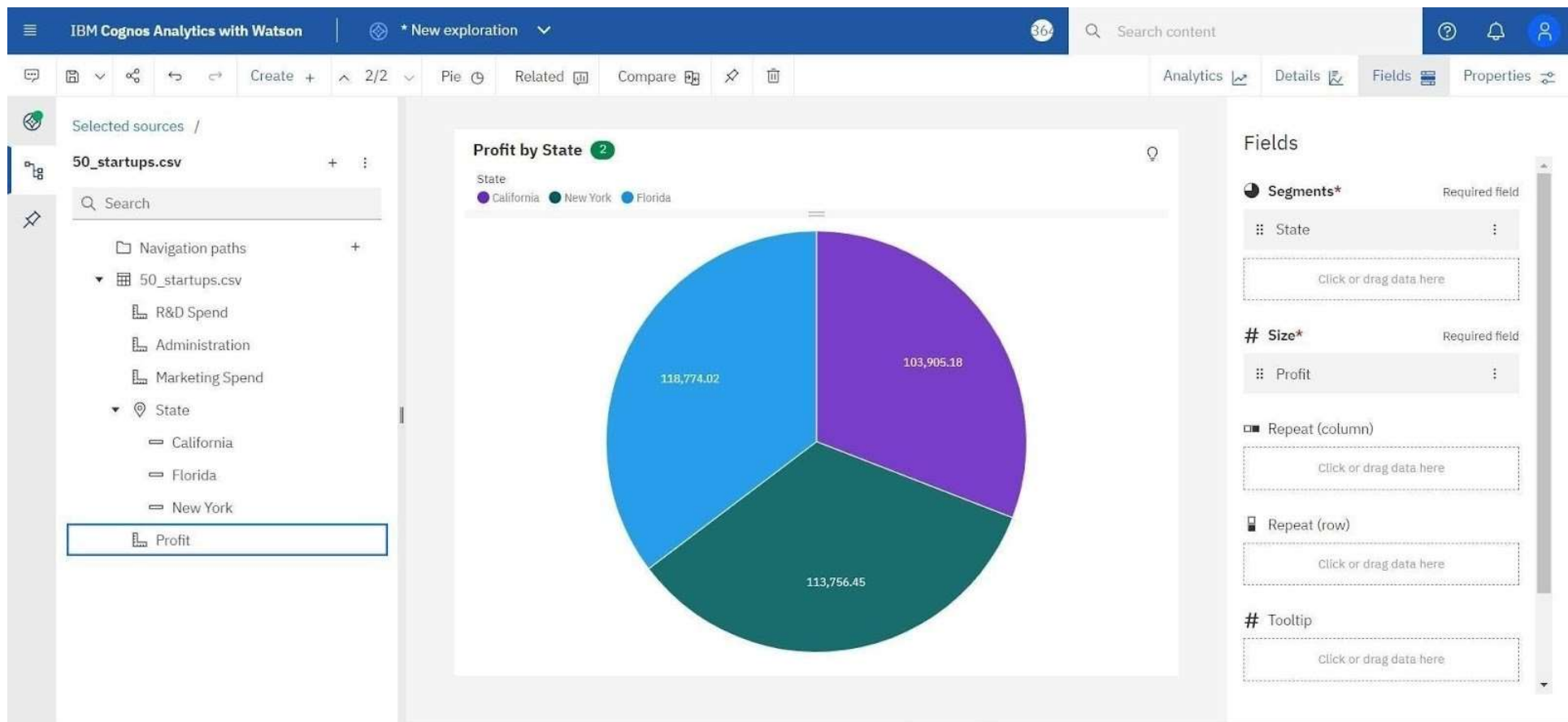


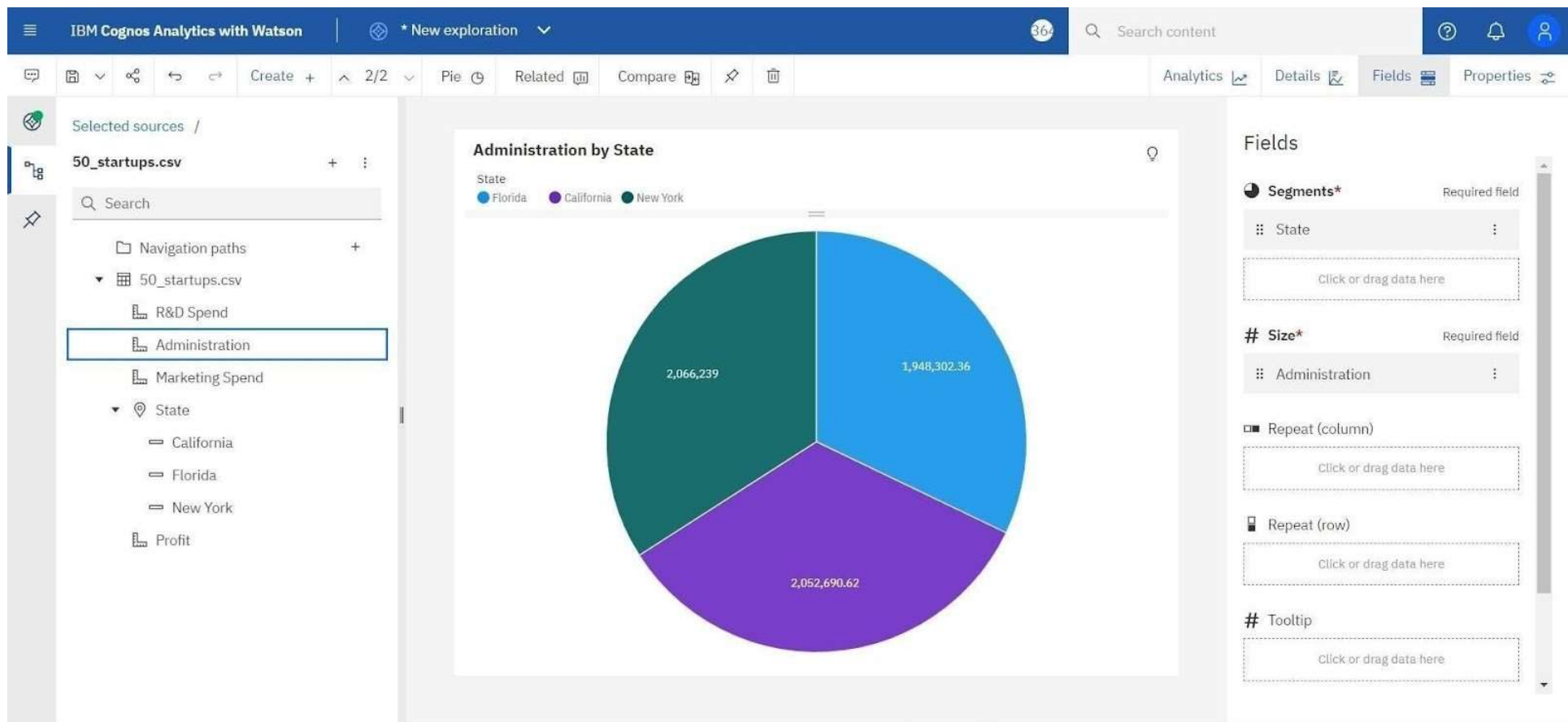


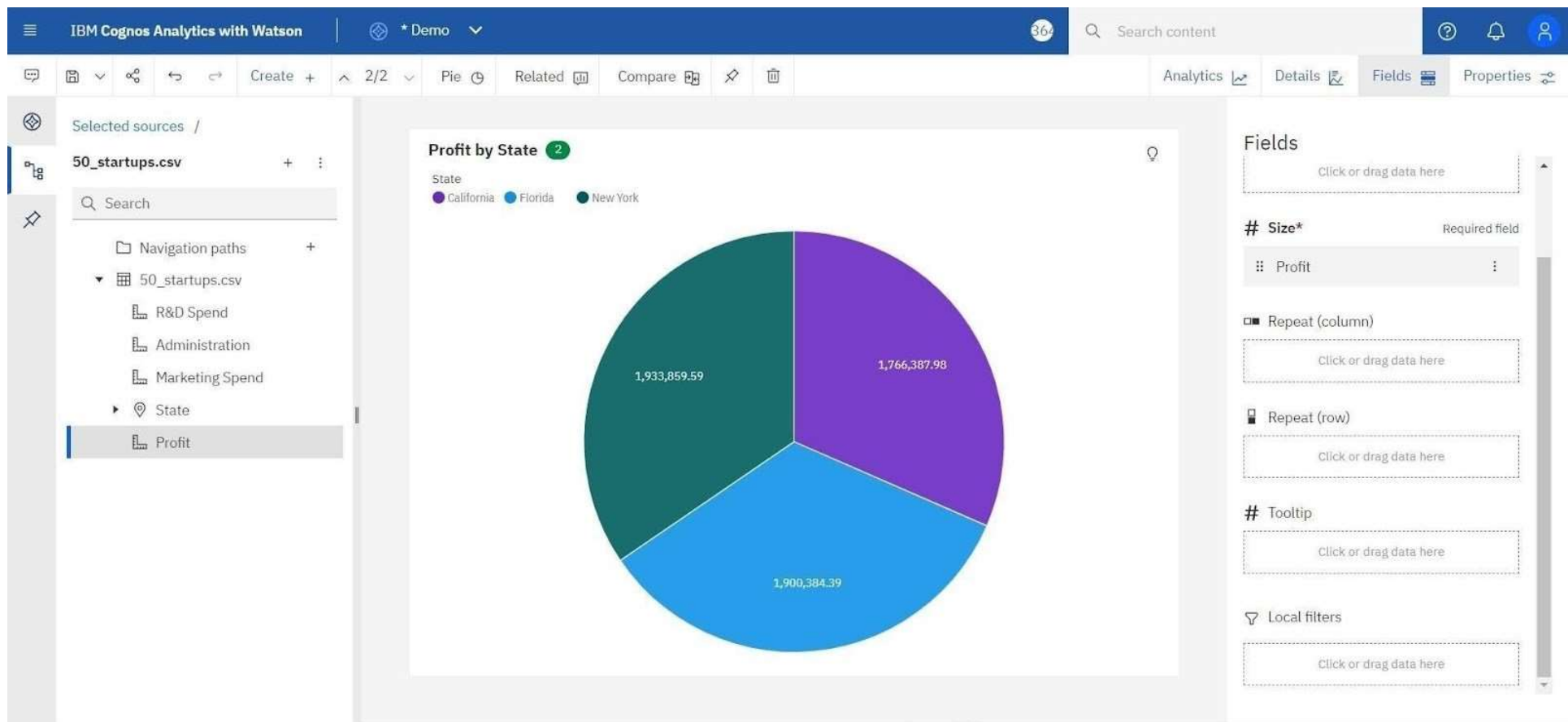


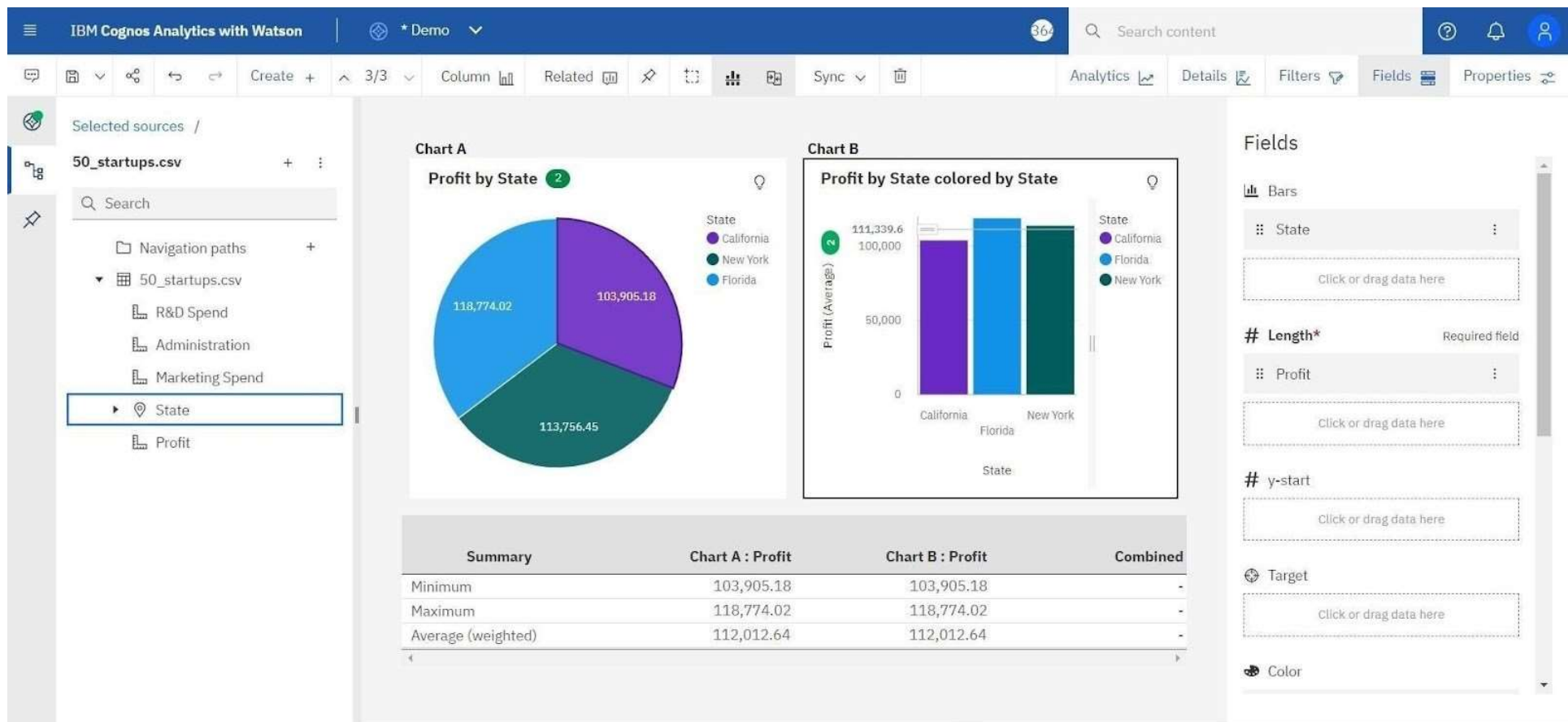


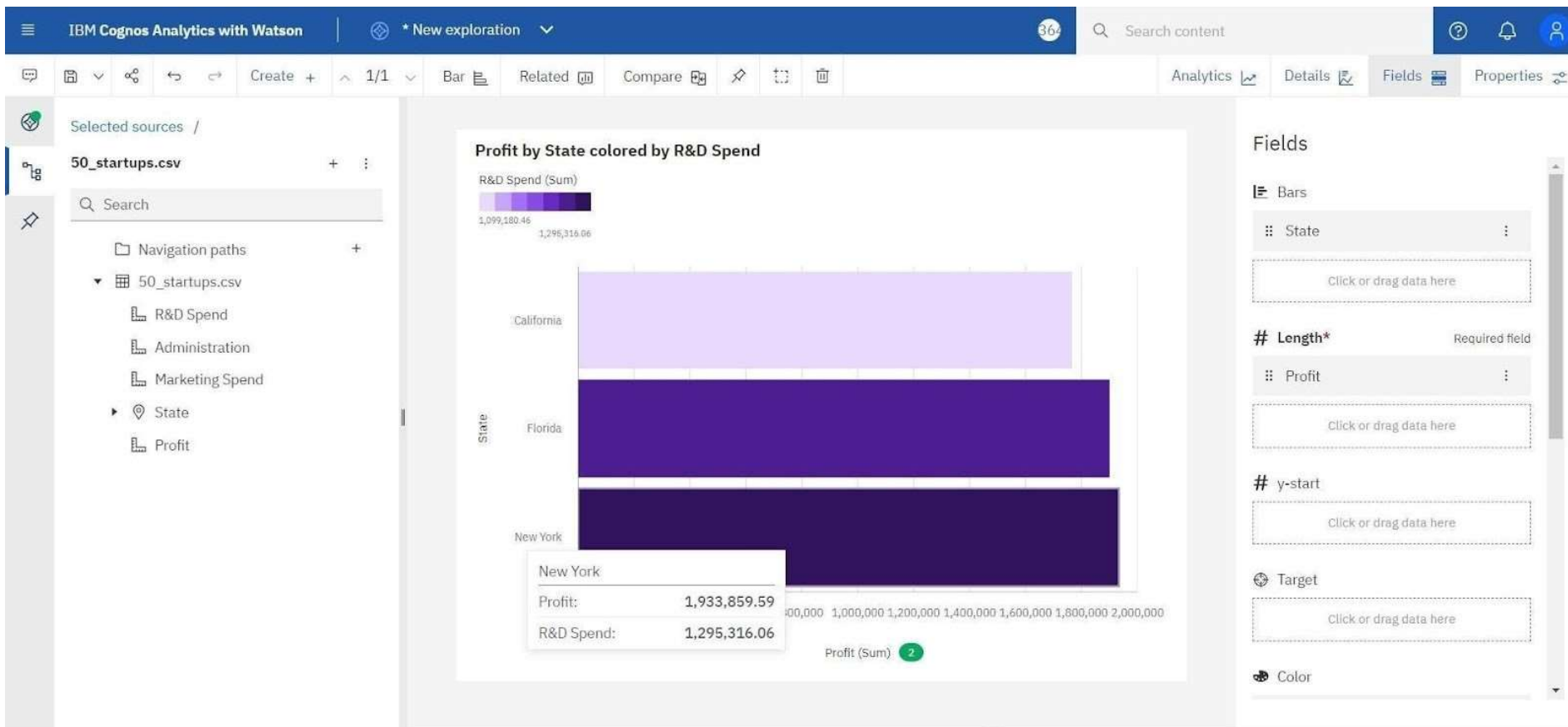


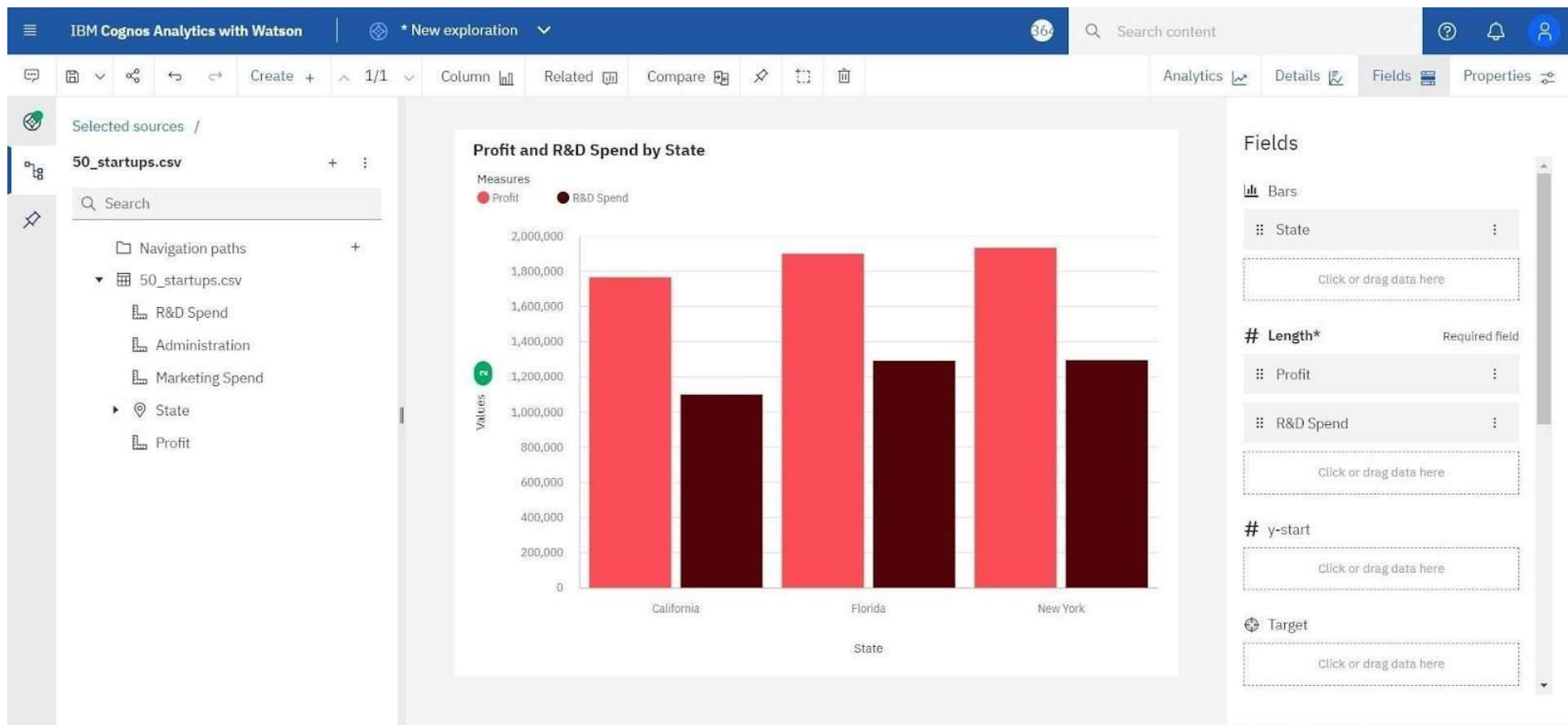


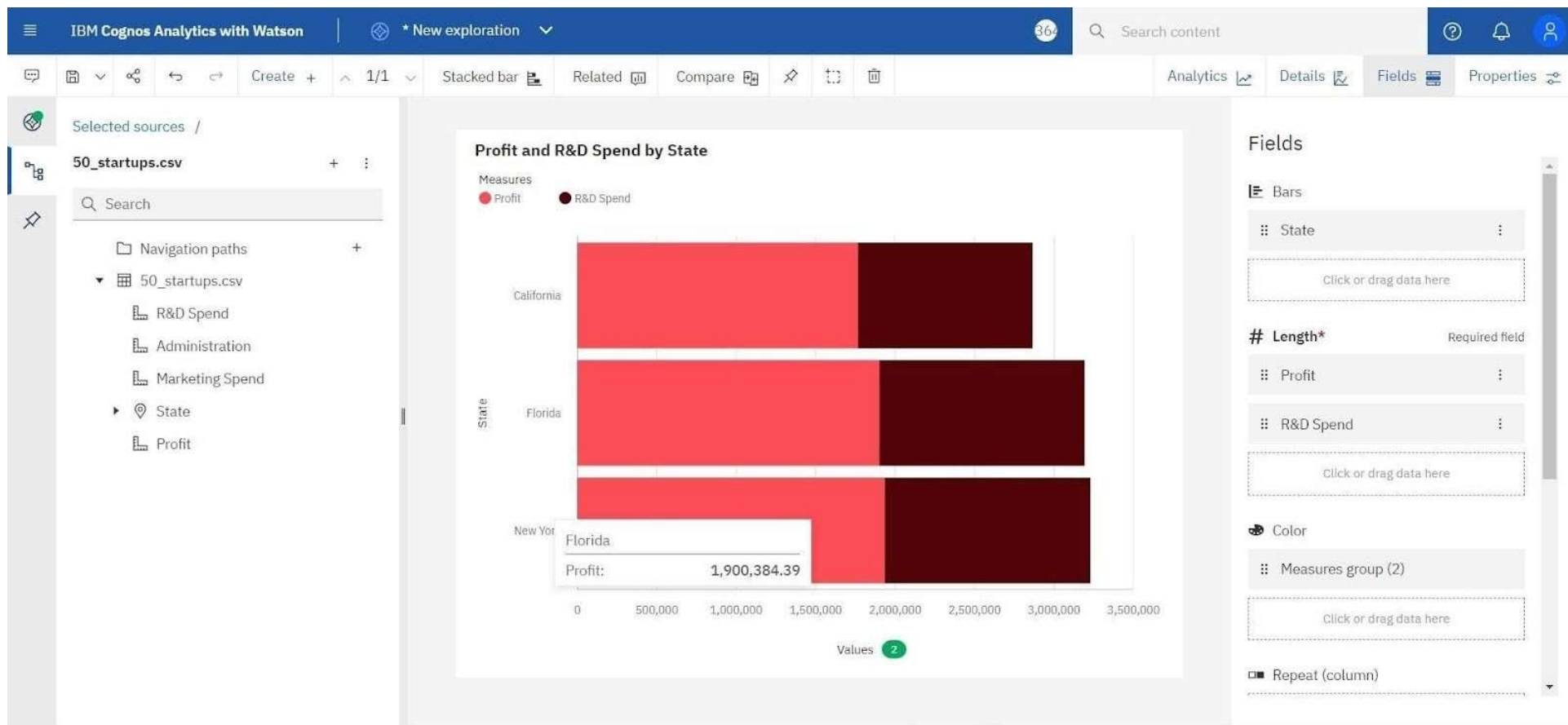












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* New exploration

36°

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1/1

List

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Fields

Properties

Selected sources /

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

88,708.48

California | 89,949.14

Fields

Level one*

Required field

State

Profit

Click or drag data here

Local filters

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36°

Search content

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🔔

👤

🗨

📄

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↶

↷

Create +

1/1

Table

Related

Compare

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📊

📈

🗑

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Details

Fields

Properties

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50_startups.csv

🔍 Search

📁 Navigation paths

50_startups.csv

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

R&D Spend, Profit and State

| 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

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36

Search content

Table

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

R&D Spend, Marketing Spend, Profit and State

| 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

Click or drag data here

IBM Cognos Analytics with Watson

* New exploration

36

Search content

Table

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

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