

**ASSIGNMENT - 1**  
**DATA ANALYTICS**  
**EXPLORATION AND VISUALIZATION OF**  
**DATASET**

Assignment Date	08 September 2022
Student Name	VIGNESH E
Student Roll Number	510119205018
Maximum Marks	2 Marks

**QUESTION:**

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

**PROBLEM DESCRIPTION:**

**Dataset:**50\_Startups.csv

[https://drive.google.com/file/d/100OUpJFG8GQjhFztbfG5JP\\_jvzRgoihr/view?usp=sharing](https://drive.google.com/file/d/100OUpJFG8GQjhFztbfG5JP_jvzRgoihr/view?usp=sharing)

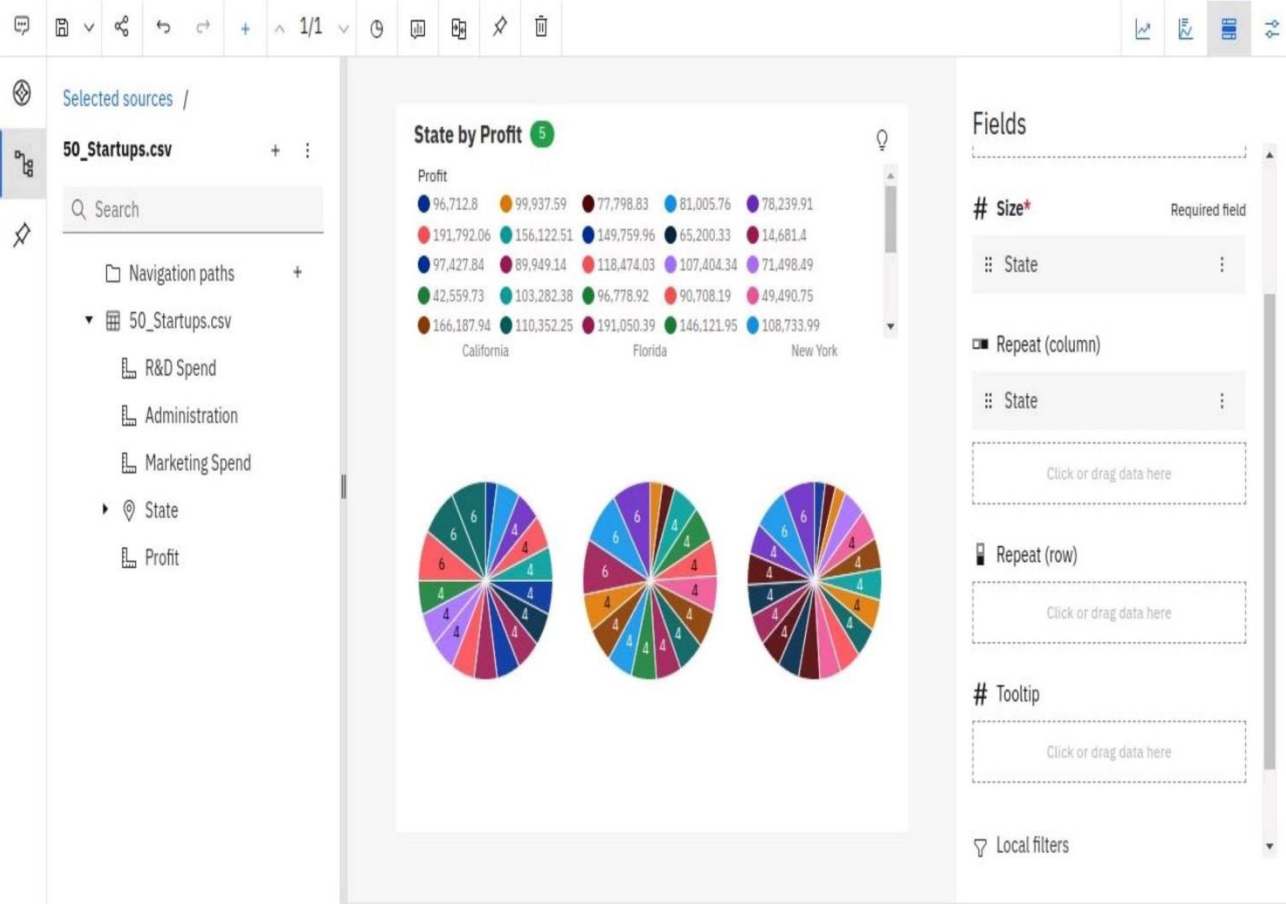
**About the 50 startups dataset**

This particular dataset holds data from 50 startups in New York, California, and Florida.

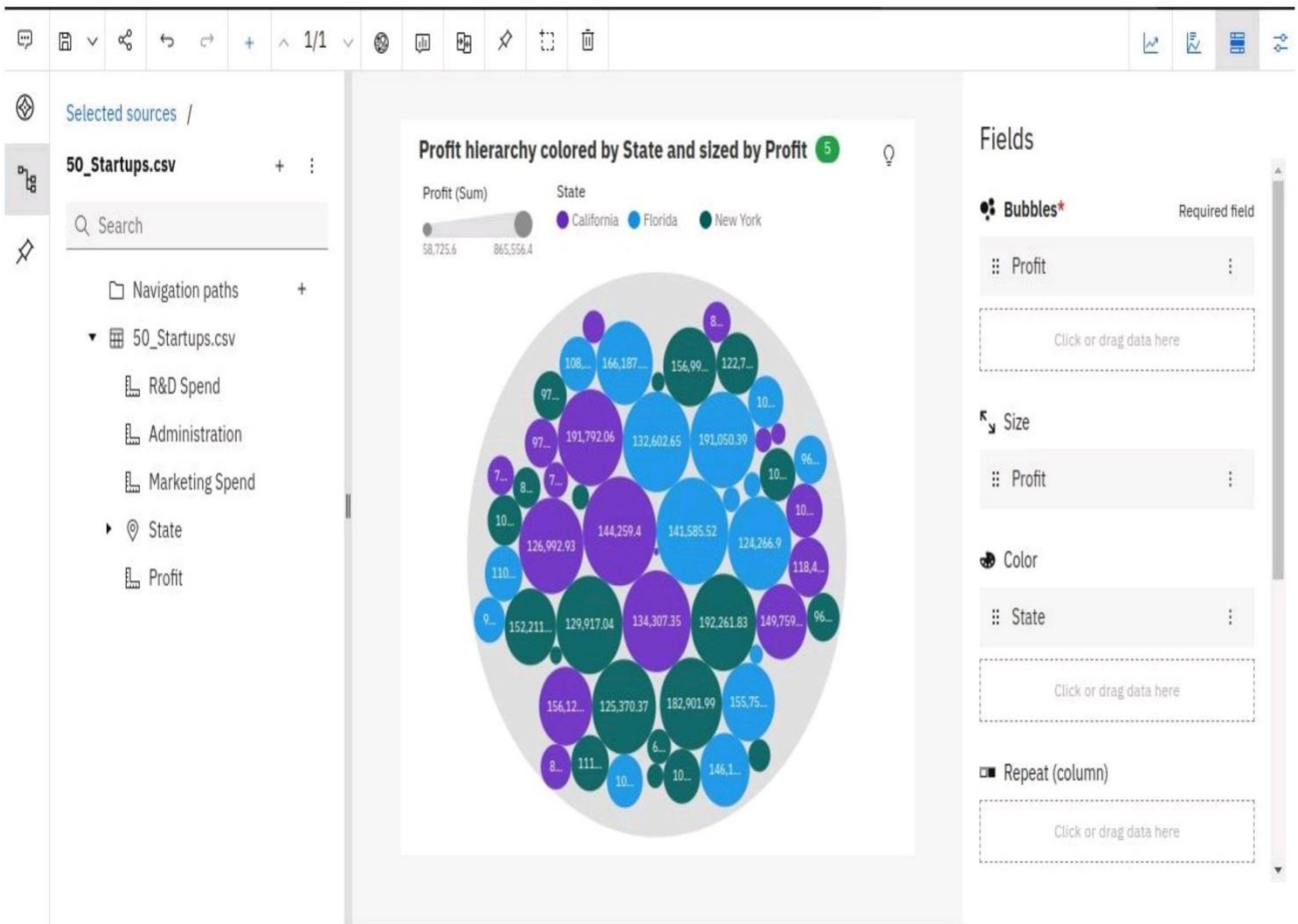
The features in this dataset are R&D spending, Administration Spending, Marketing Spending, and location features, while the target variable is: Profit.

1. R&D spending: The amount which startups are spending on Research and development.
2. Administration spending: The amount which startups are spending on the Admin panel.
3. Marketing spending: The amount which startups are spending on marketing strategies.
4. State: To which state that particular startup belongs.
5. Profit: How much profit that particular startup is making.

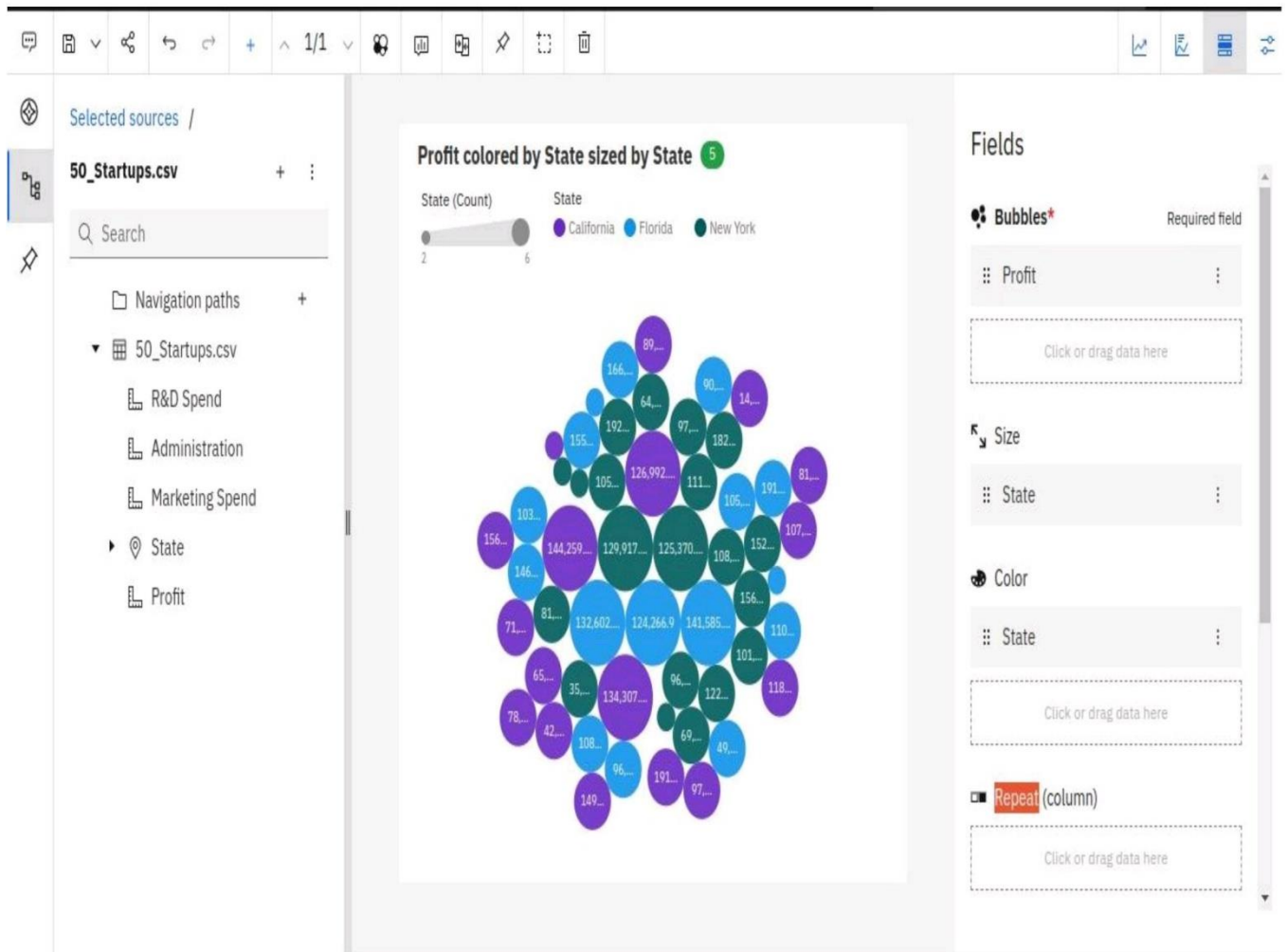
# PIE EXPLORATION



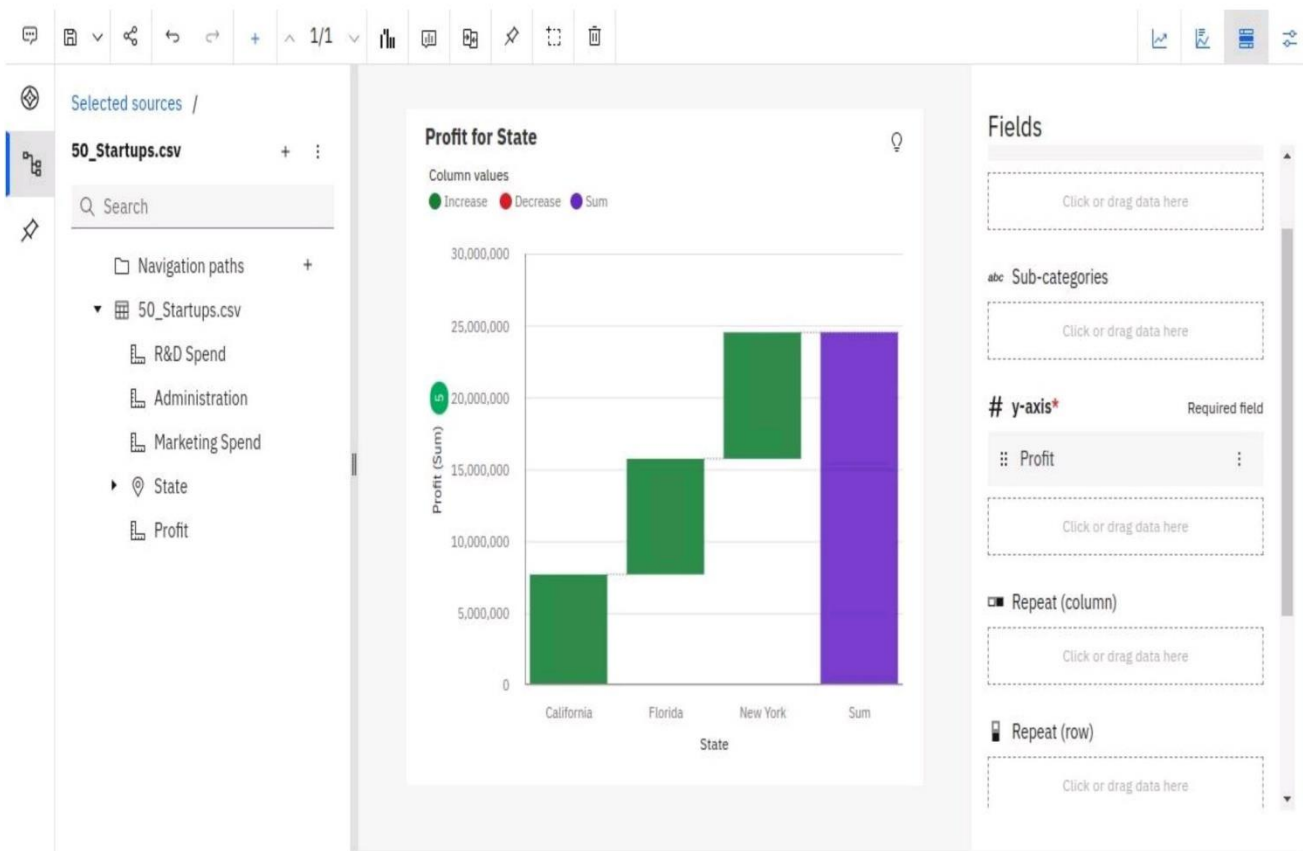
## HIERARCHY EXPLORATION



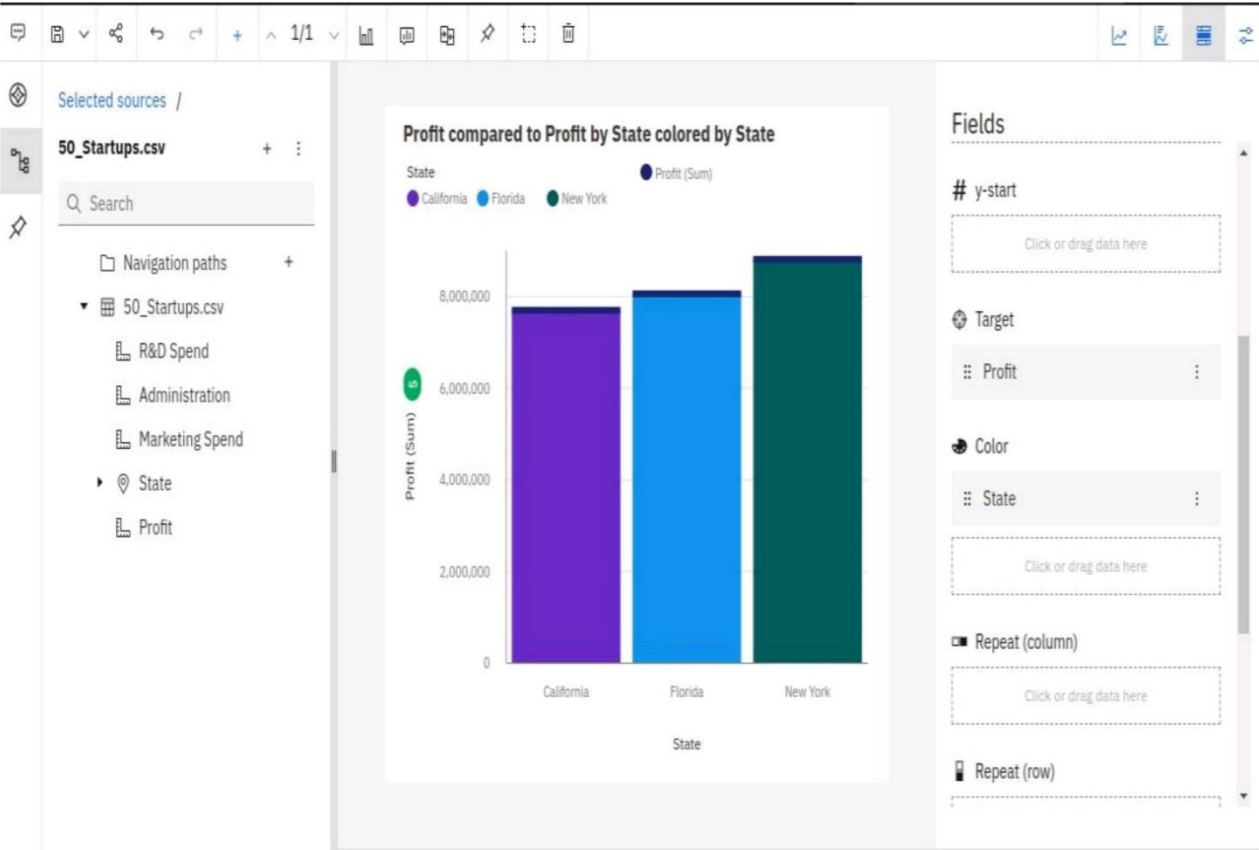
## PACKED BUBBLE EXPLORATION



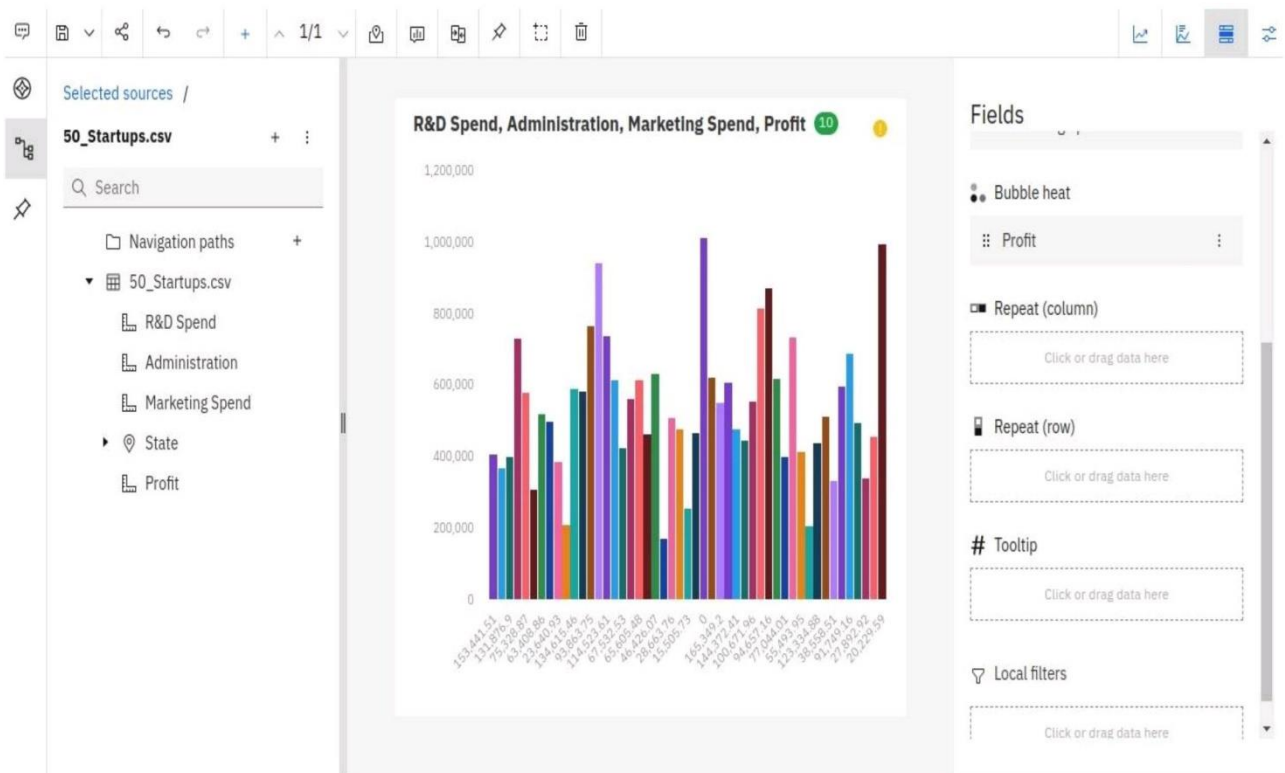
# WATERFALL EXPLORATION



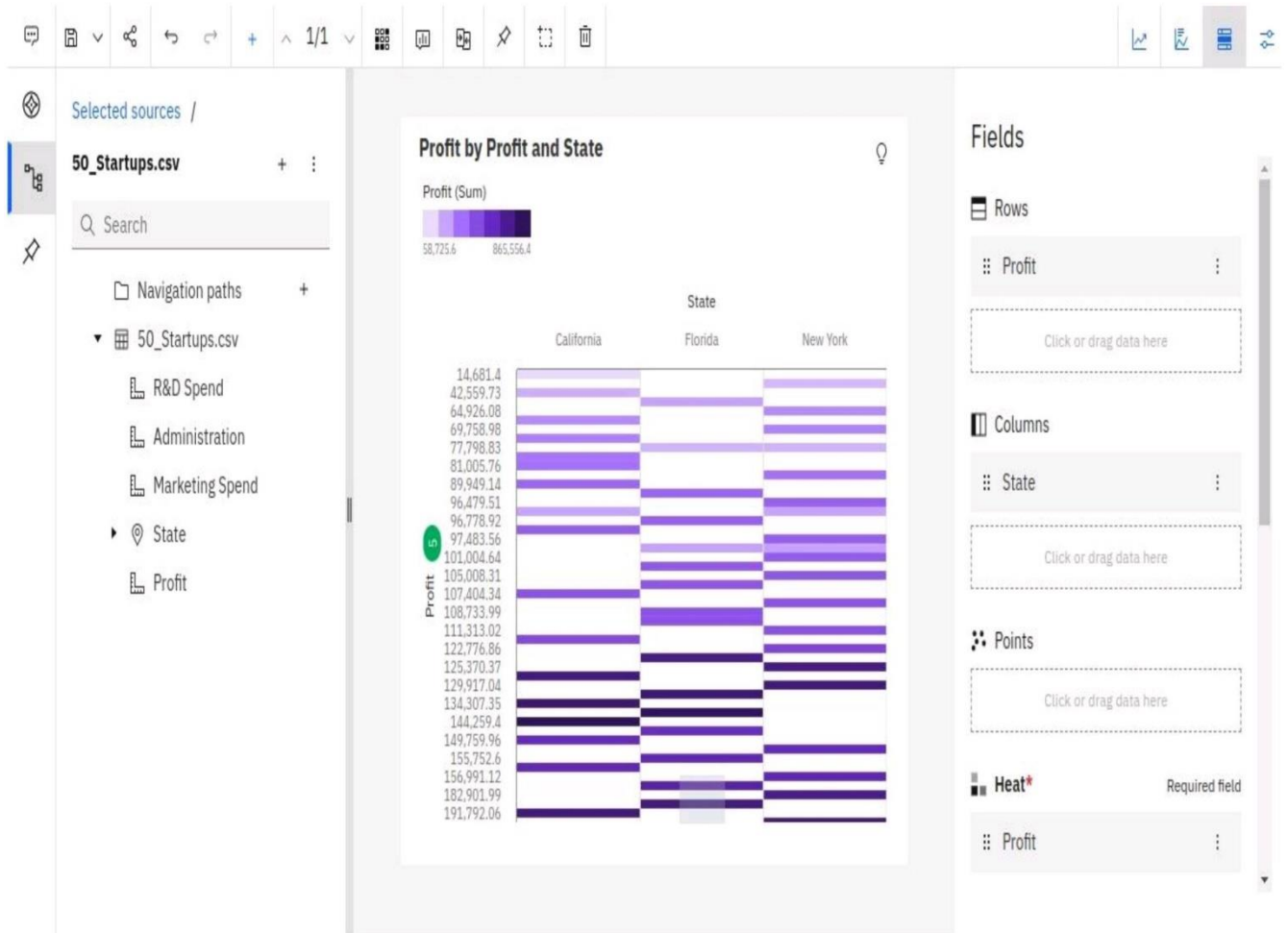
# COLUMN EXPLORATION



# LEGACY MAP EXPLORATION

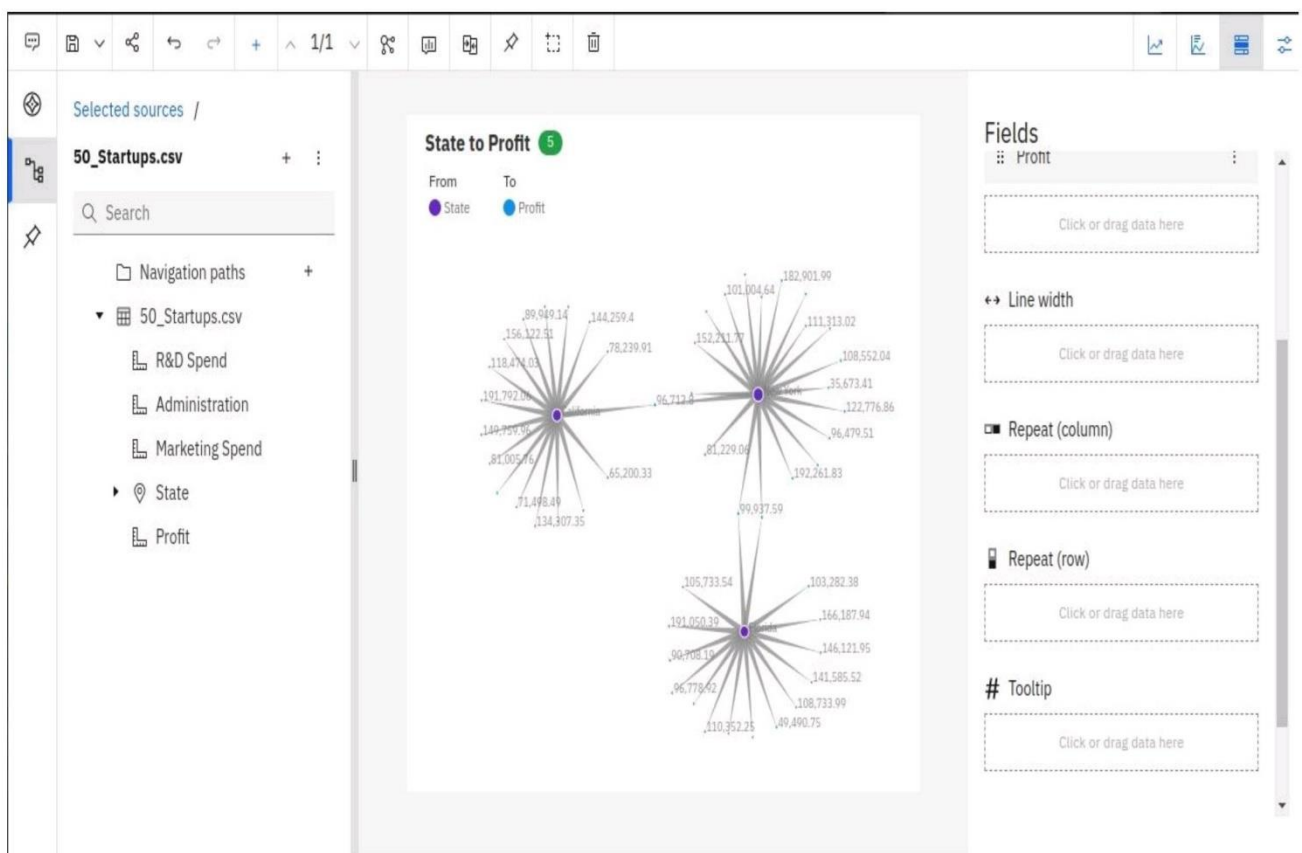


# HEAT MAP EXPLORATION

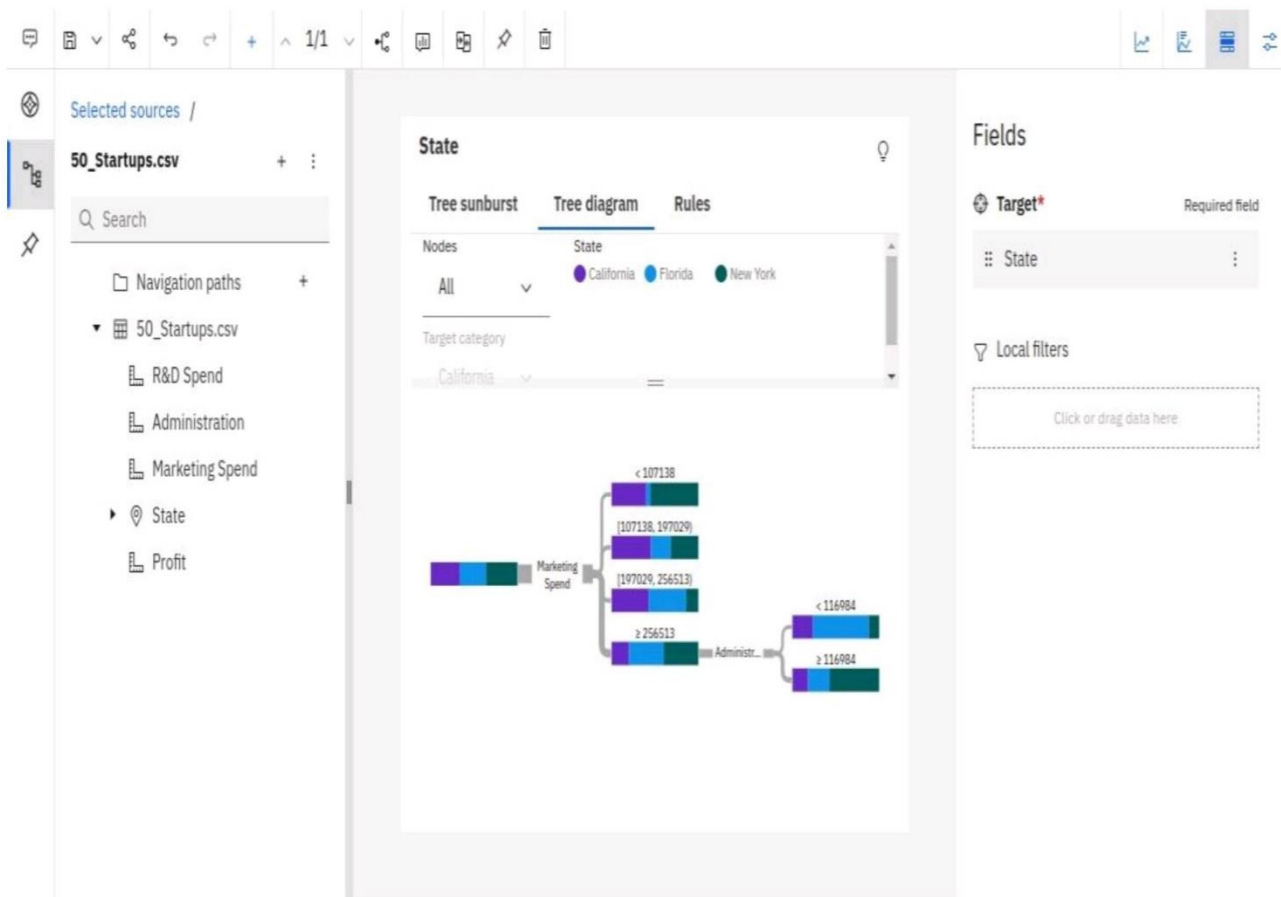




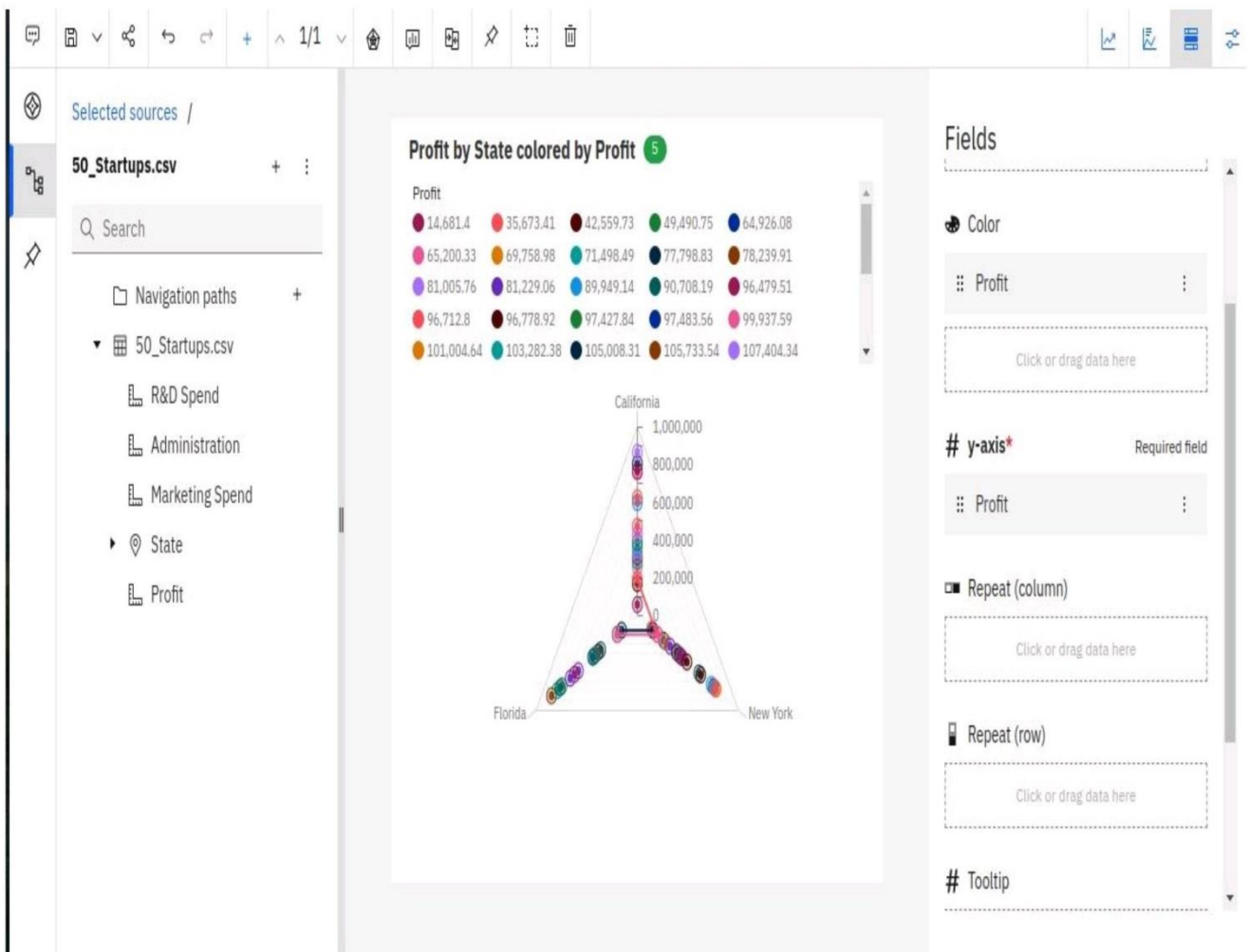
# NETWORK EXPLORATION



# DECISION TREE EXPLORATION



# RADAR EXPLORATION



# CROSS TAB EXPLORATION

