ASSIGNMENT NO:1

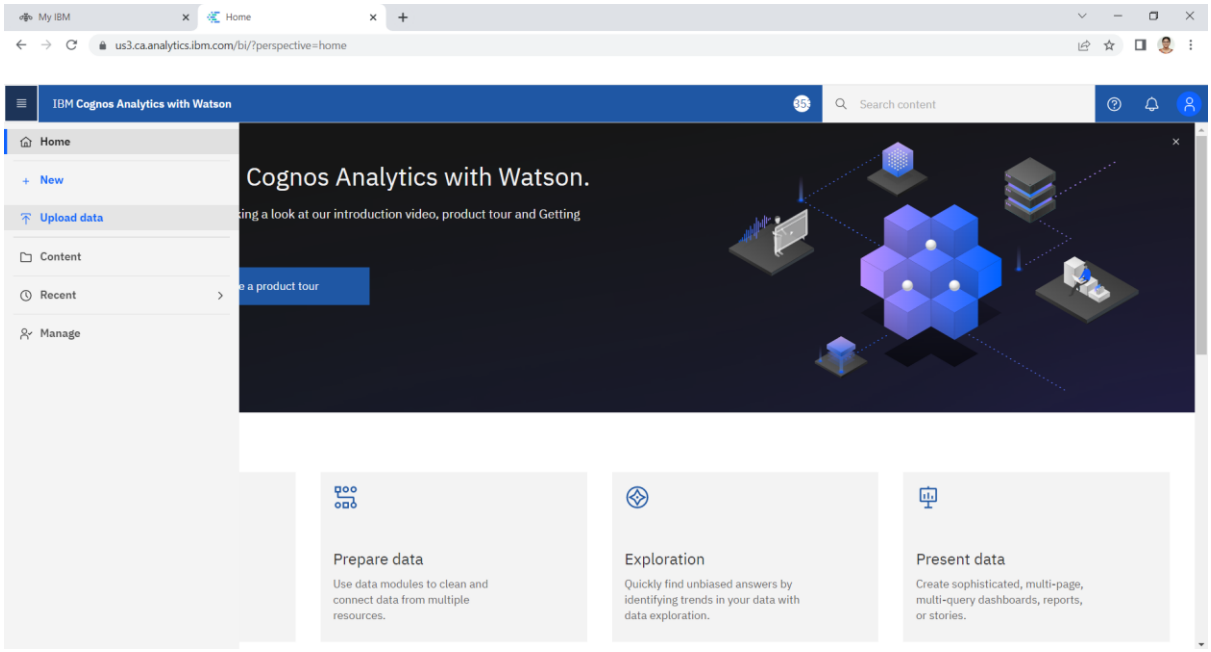
PROJECT TITLE: RETAIL STORE STOCK INVENTORY ANALYTICS

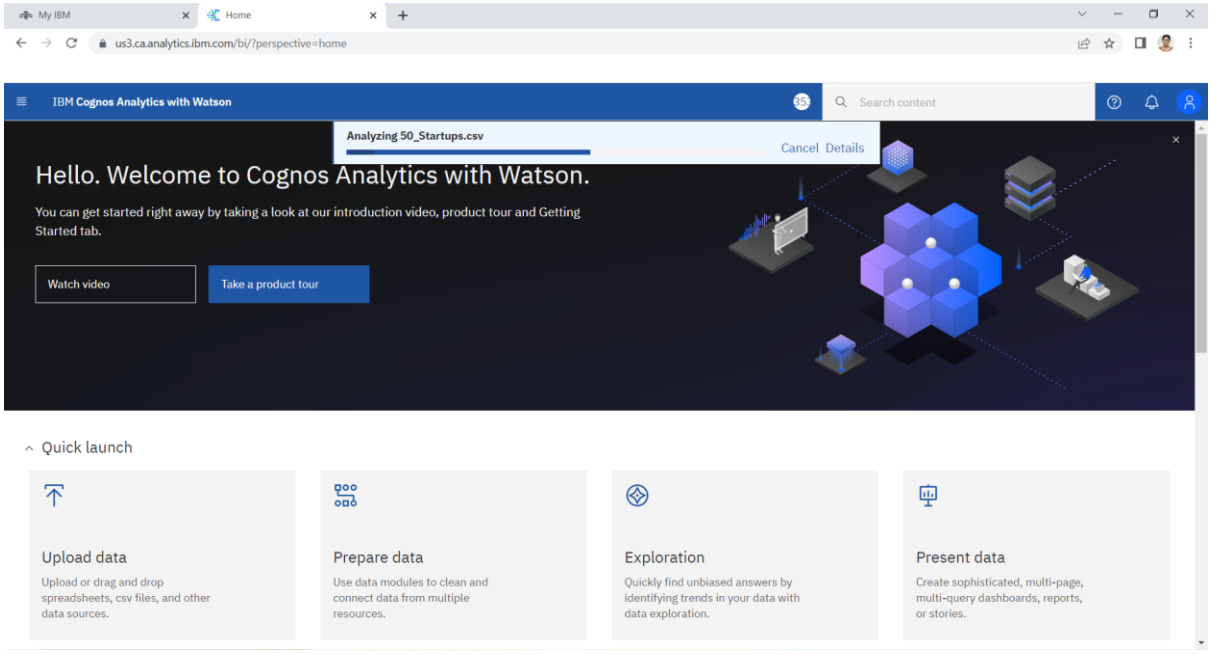
DOMAIN: DATA ANALYTICS

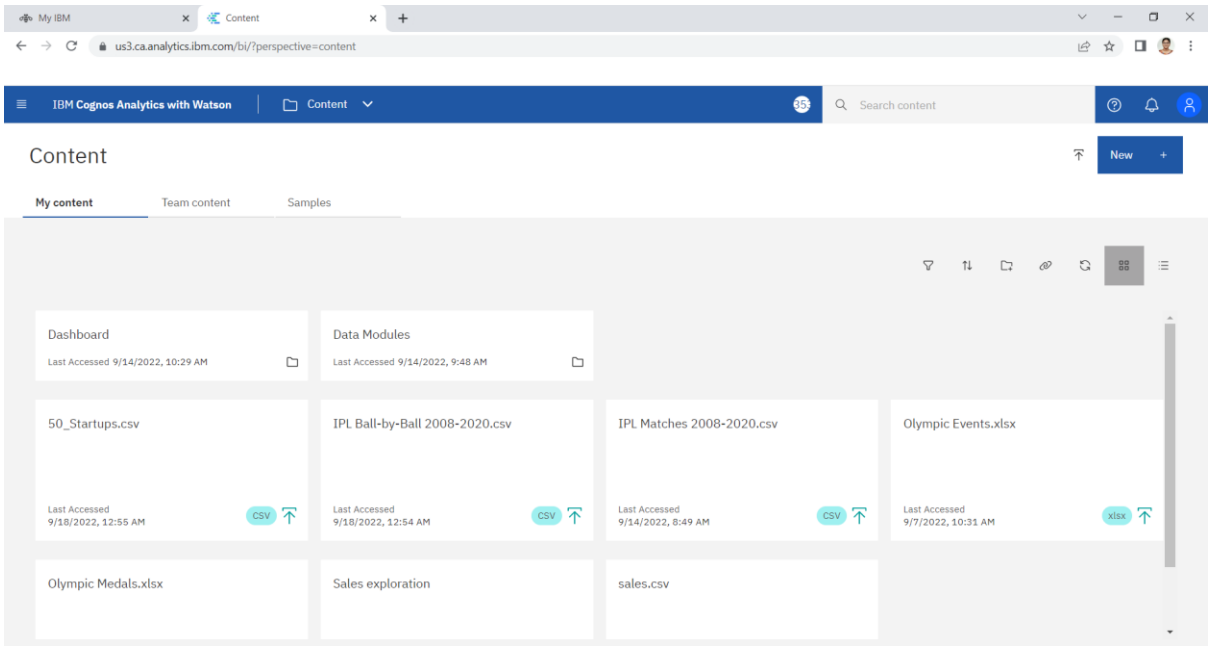
NAME: SHRIAKILANDESWARI R

REGISTER NUMBER: 311519104055

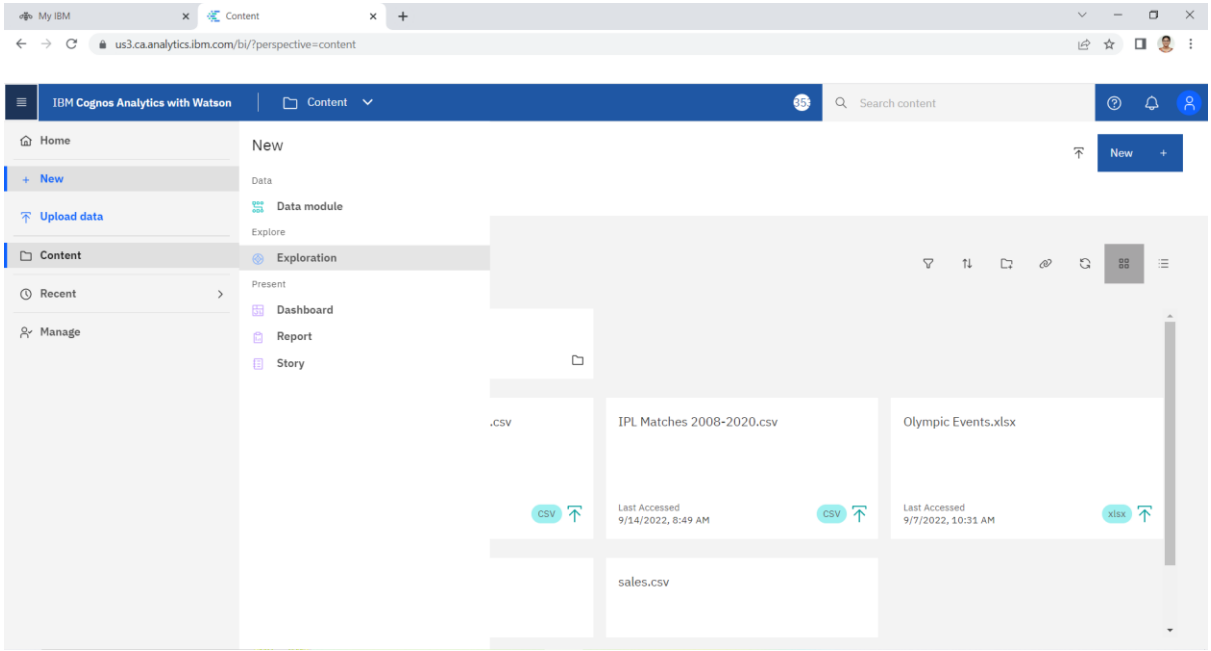
UPLOADING DATA

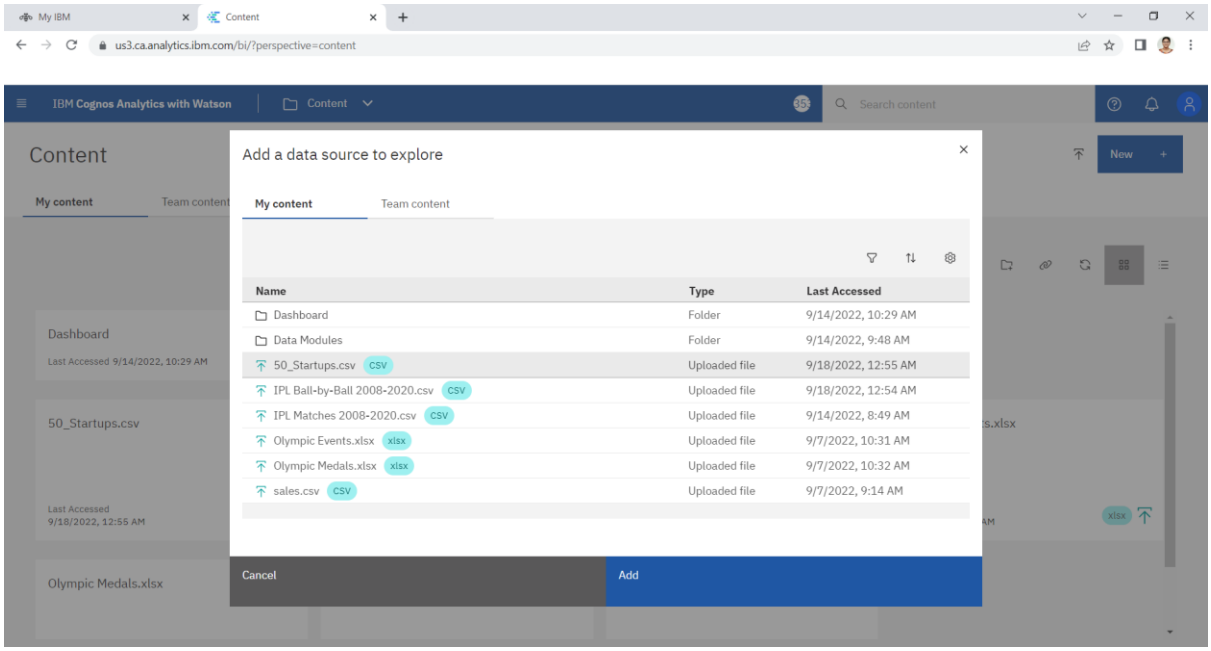






EXPLORING AND VISUALIZATION

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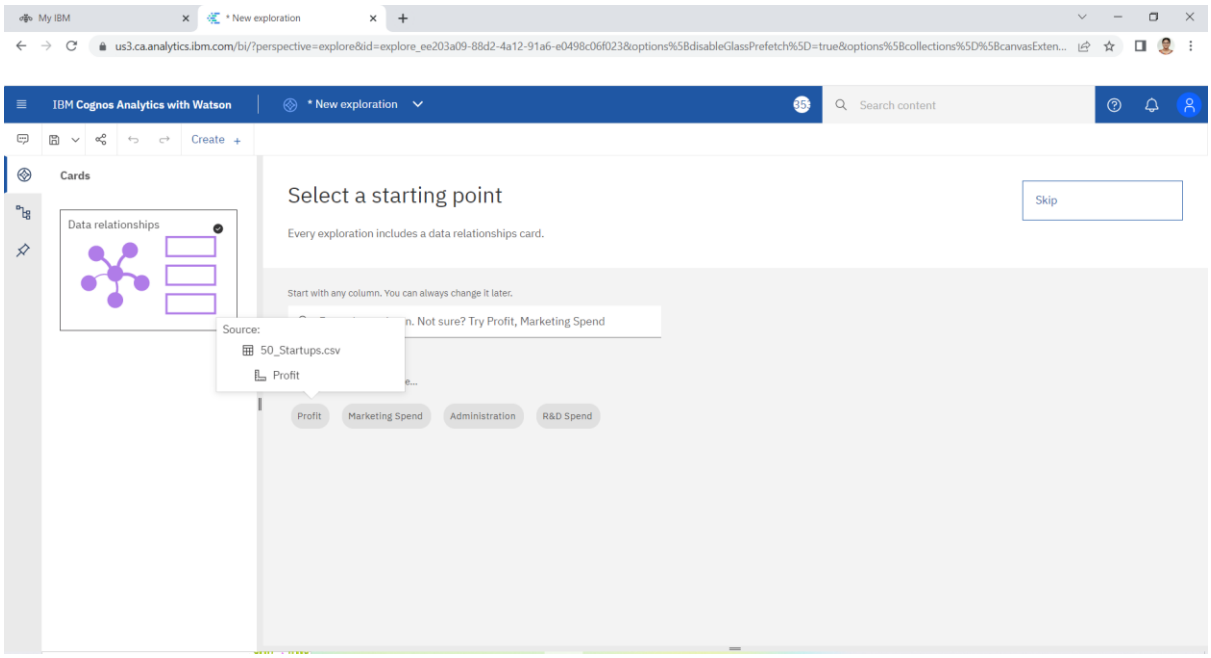
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IBM Cognos Analytics with Watson
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Search content
Create
Cards
Data relationships
Select a starting point
Skip
Every exploration includes a data relationships card.
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Source:
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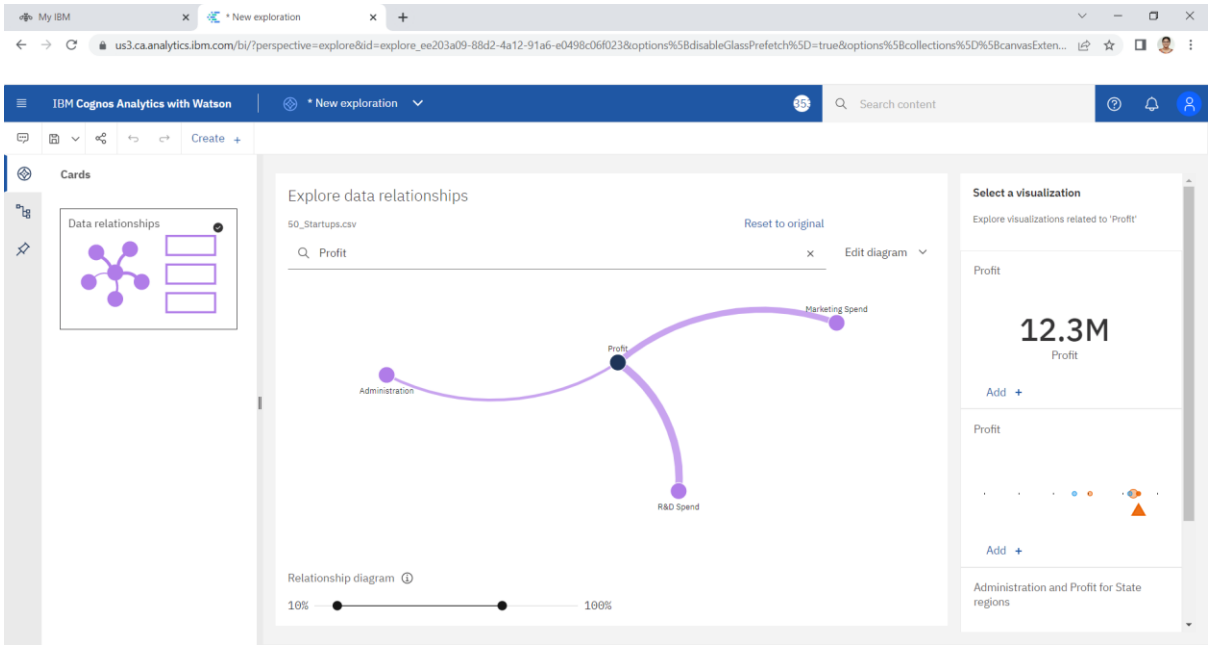
Profit
Profit
Marketing Spend
Administration
R&D Spend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Edit diagram
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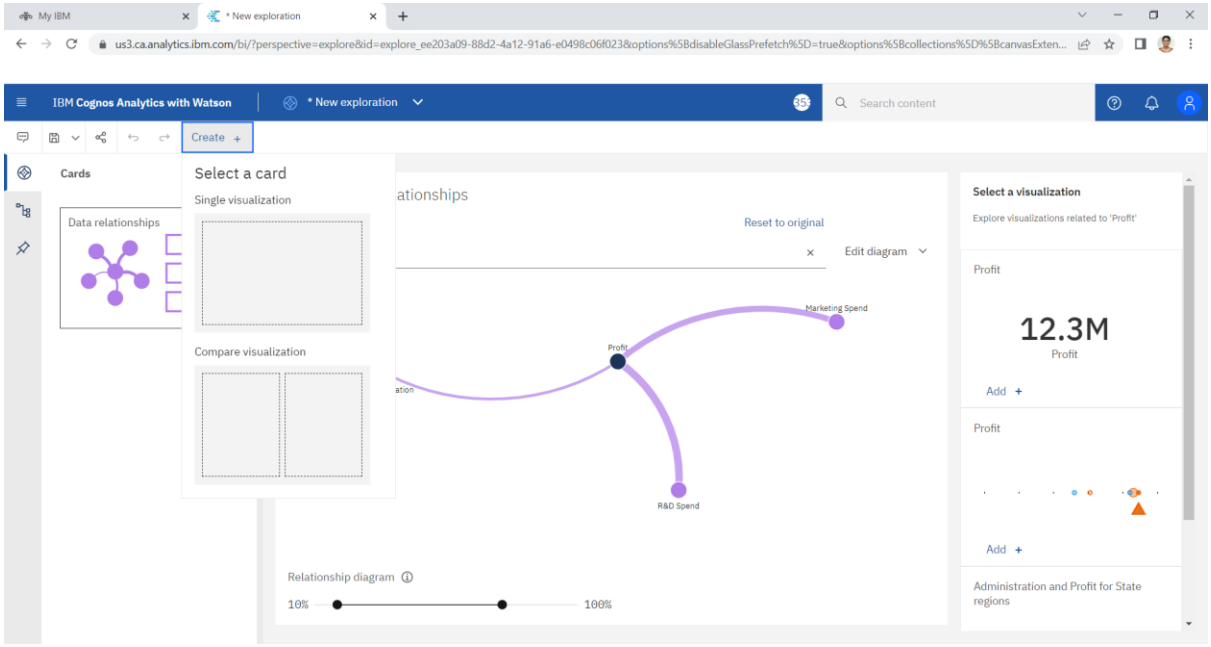
Administration and Profit for State regions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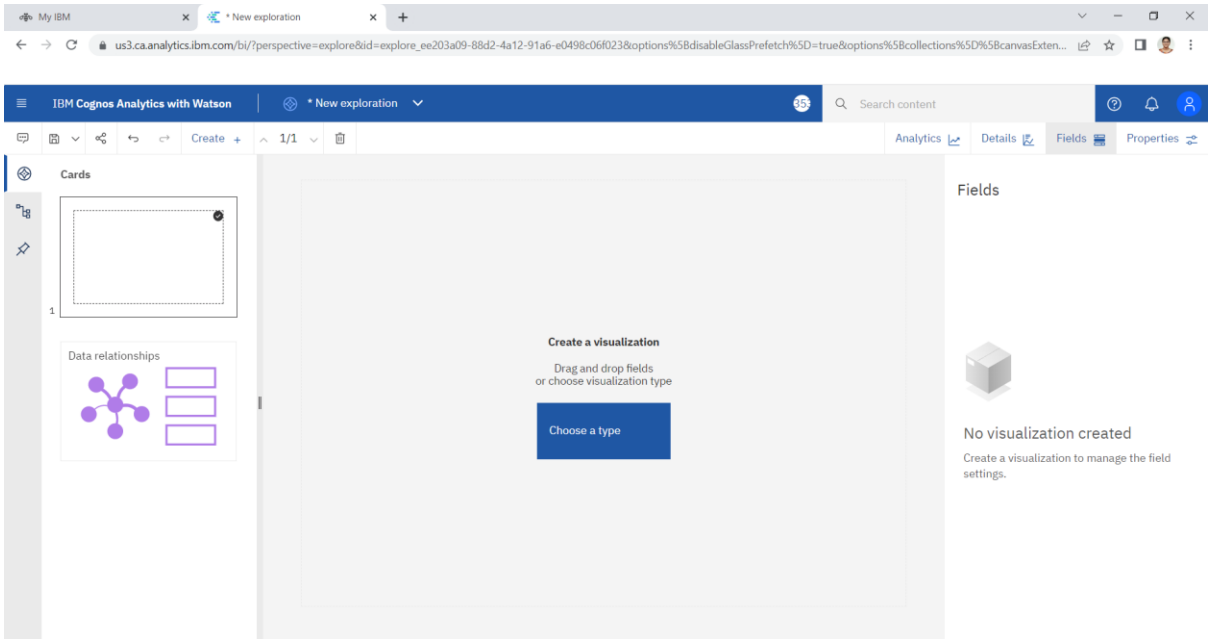
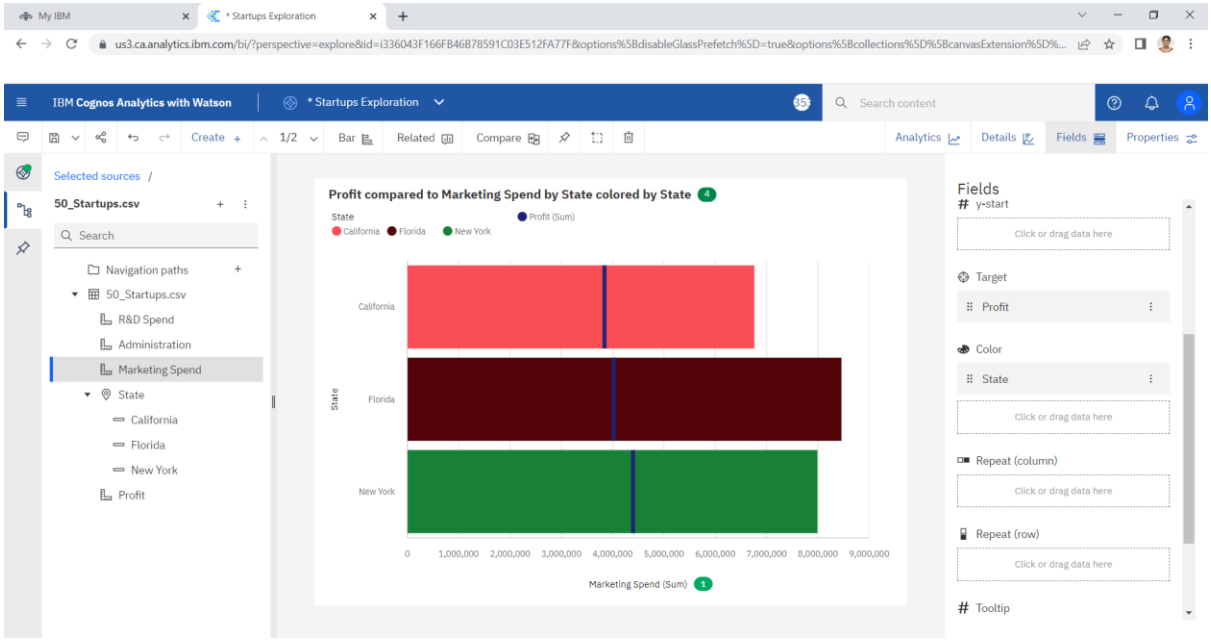


VISUALIZATIONS

1.Comparison

(i) Bar - Profit compared to Marketing Spend by State colored by State



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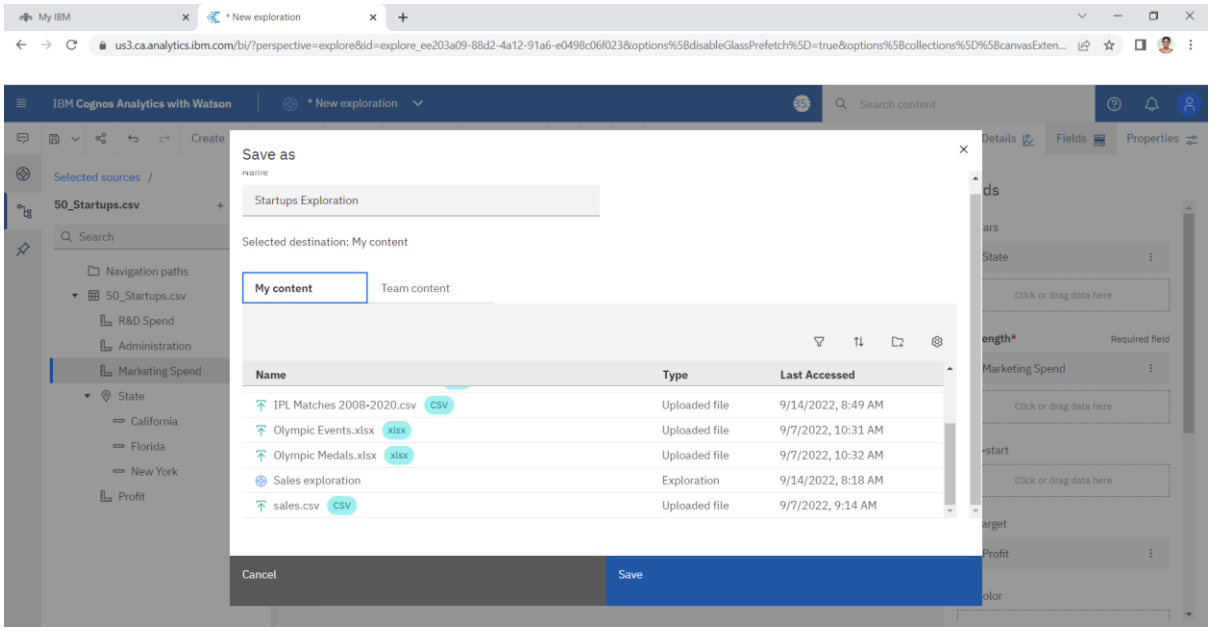
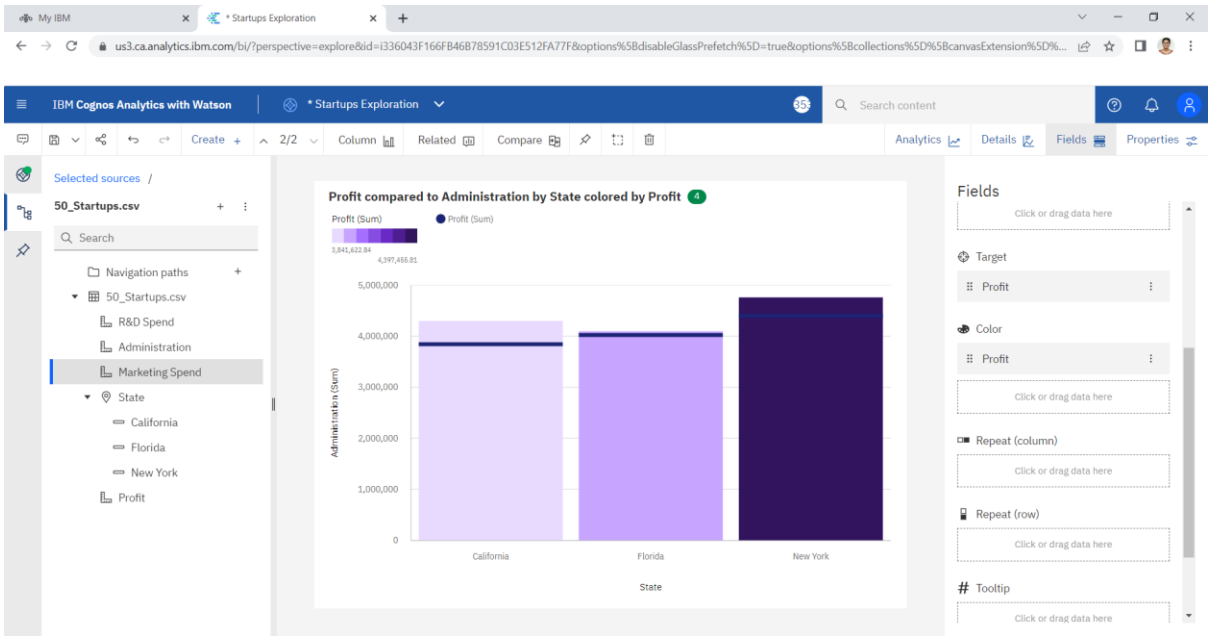
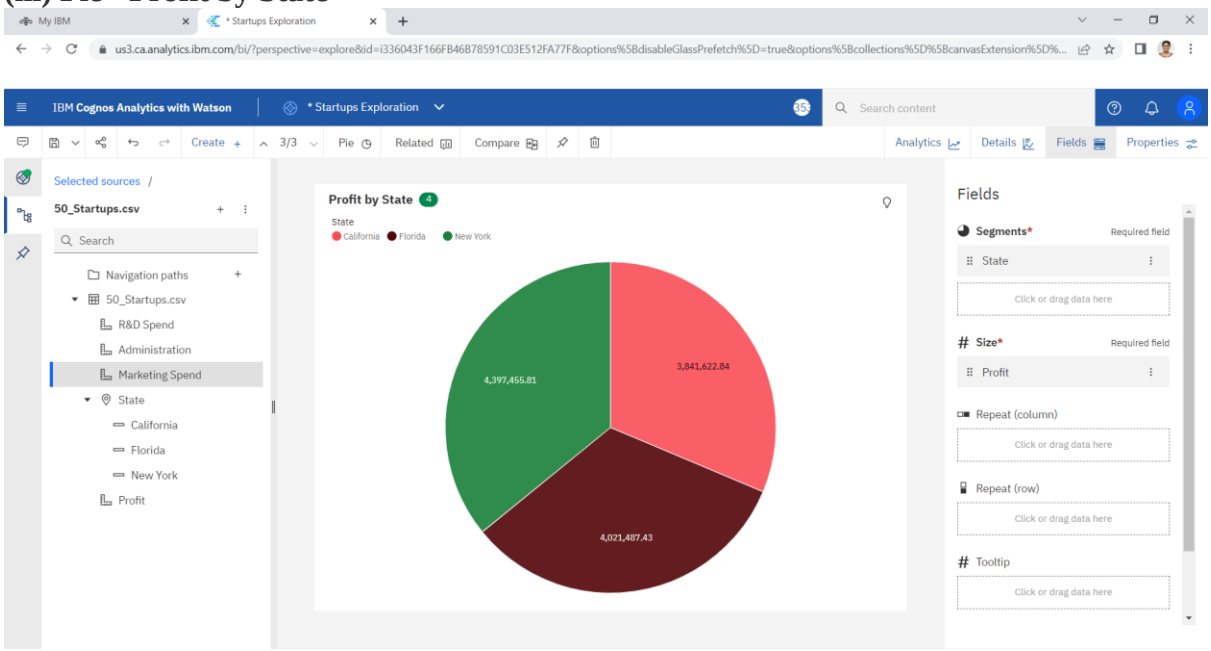


(ii) Column - Profit compared to Administration by State colored by Profit

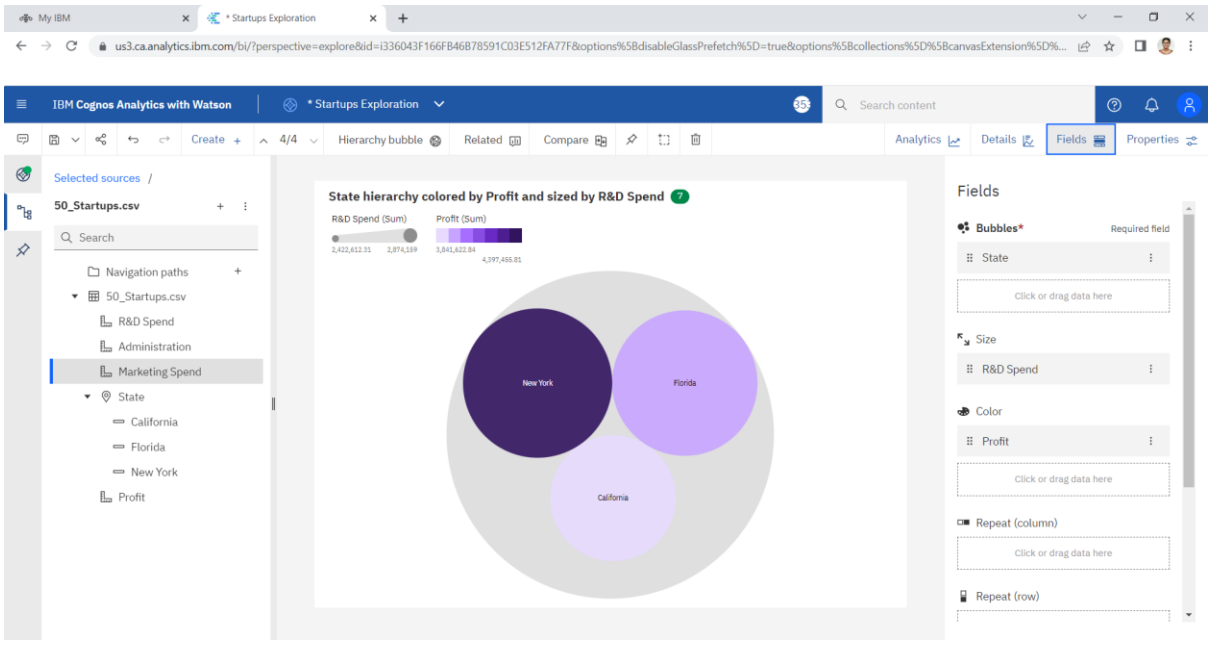


2.Parts to Whole

(iii) Pie - Profit by State

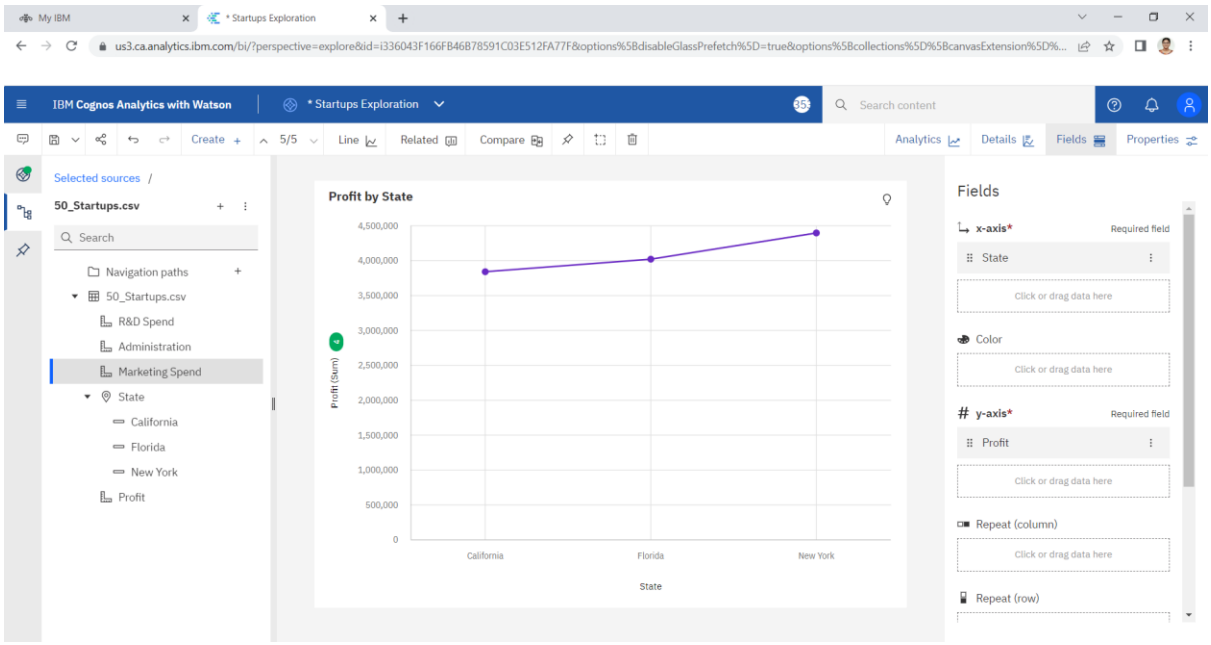


(iv) Hierarchy bubble - State hierarchy colored by Profit and sized by R&D Spend

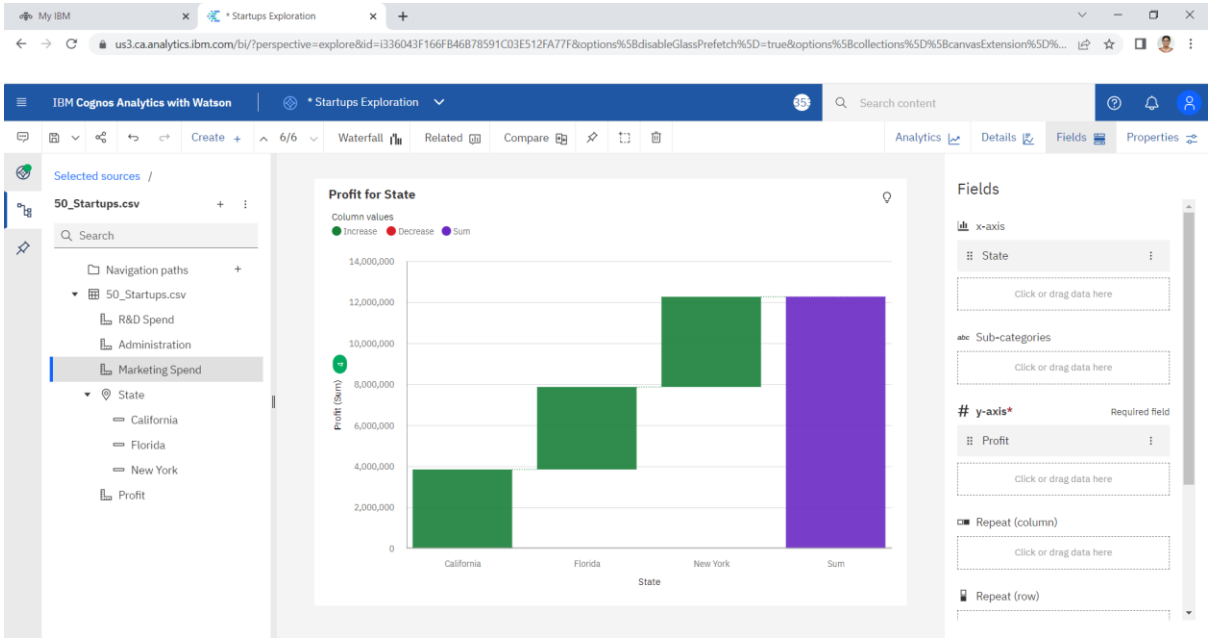


3.Trend

(v) Line - Profit by State

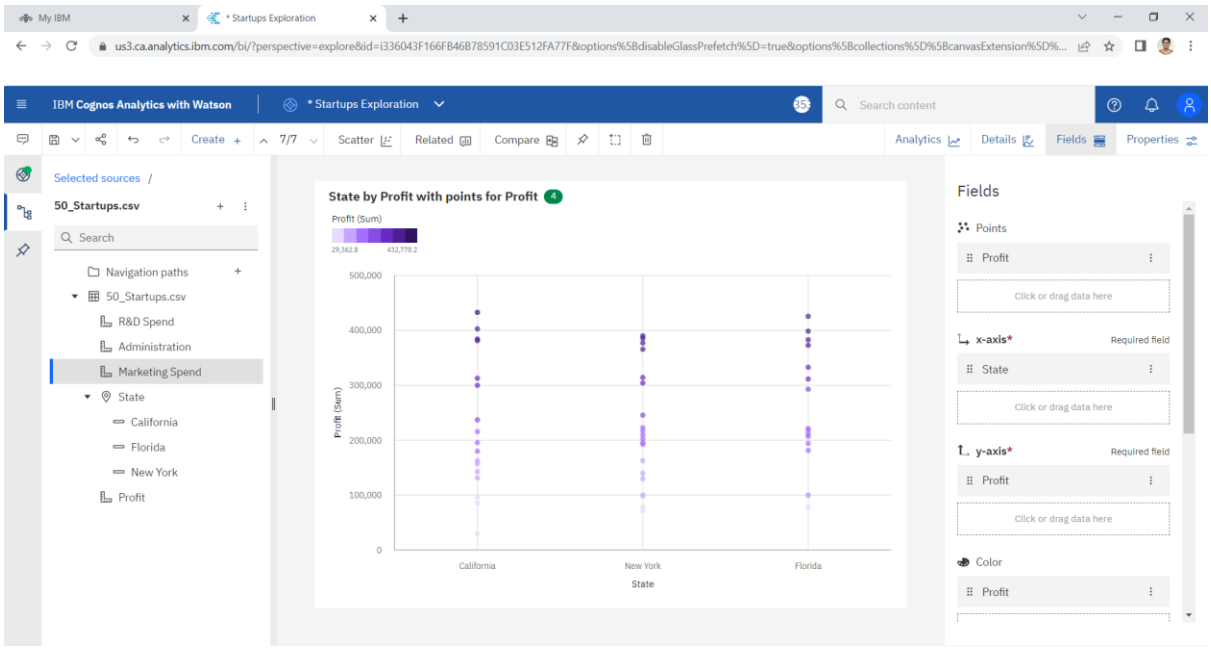


(vi) Waterfall - Profit for State



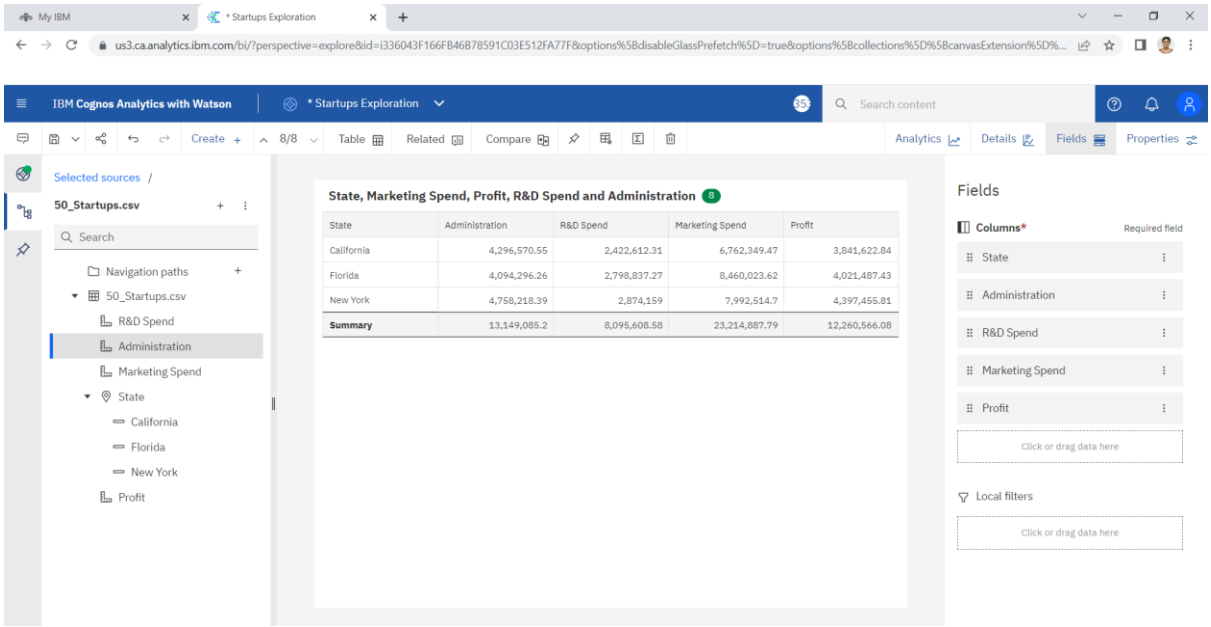
4.Relationships

(vii) Scatter - State by Profit with points for Profit



5.Tables and Summary

(viii) Table - State, Marketing Spend, Profit, R&D Spend and Administration

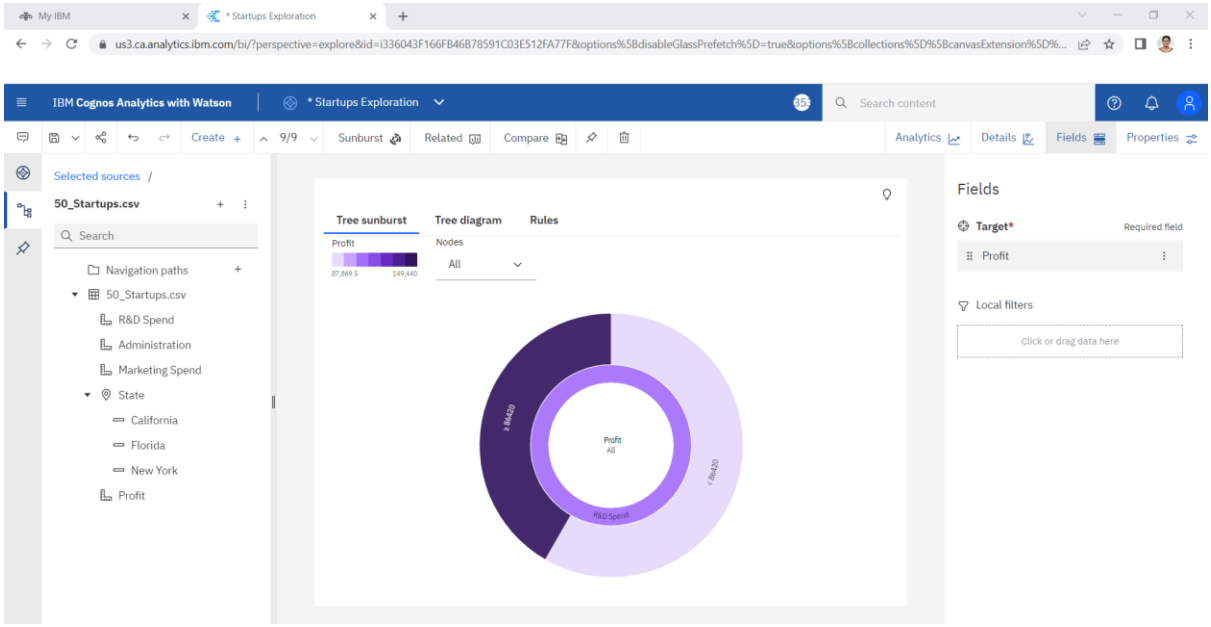


State	Administration	R&D Spend	Marketing Spend	Profit
California	4,296,570.55	2,422,612.31	6,762,349.47	3,841,622.84
Florida	4,094,296.26	2,798,837.27	8,460,023.62	4,021,487.43
New York	4,758,218.39	2,874,159	7,992,514.7	4,397,455.81
Summary	13,149,085.2	8,095,608.58	23,214,887.79	12,260,566.08

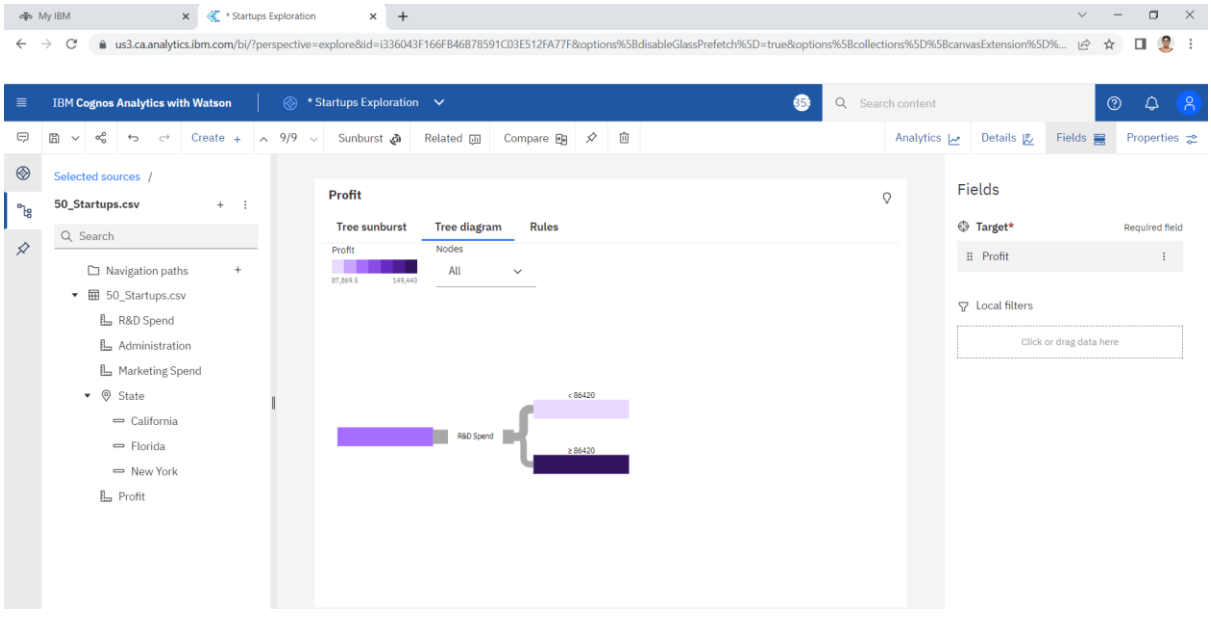
6.Advanced Analytics

(ix) Sunburst Target – Profit

Tree sunburst:



Tree Diagram:



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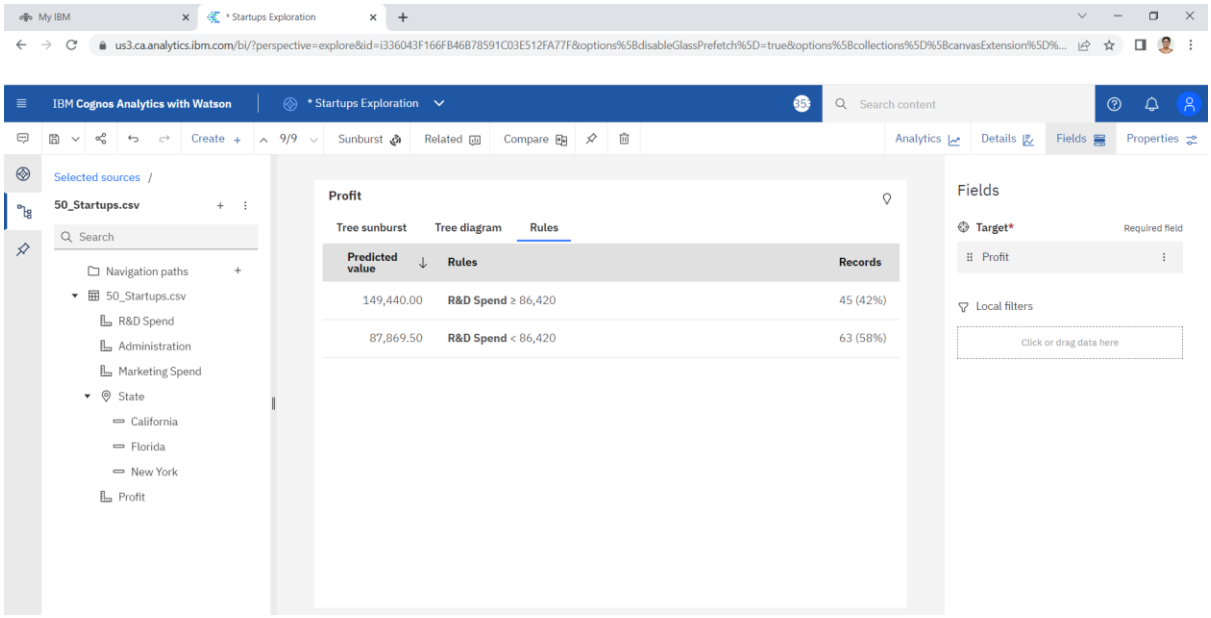

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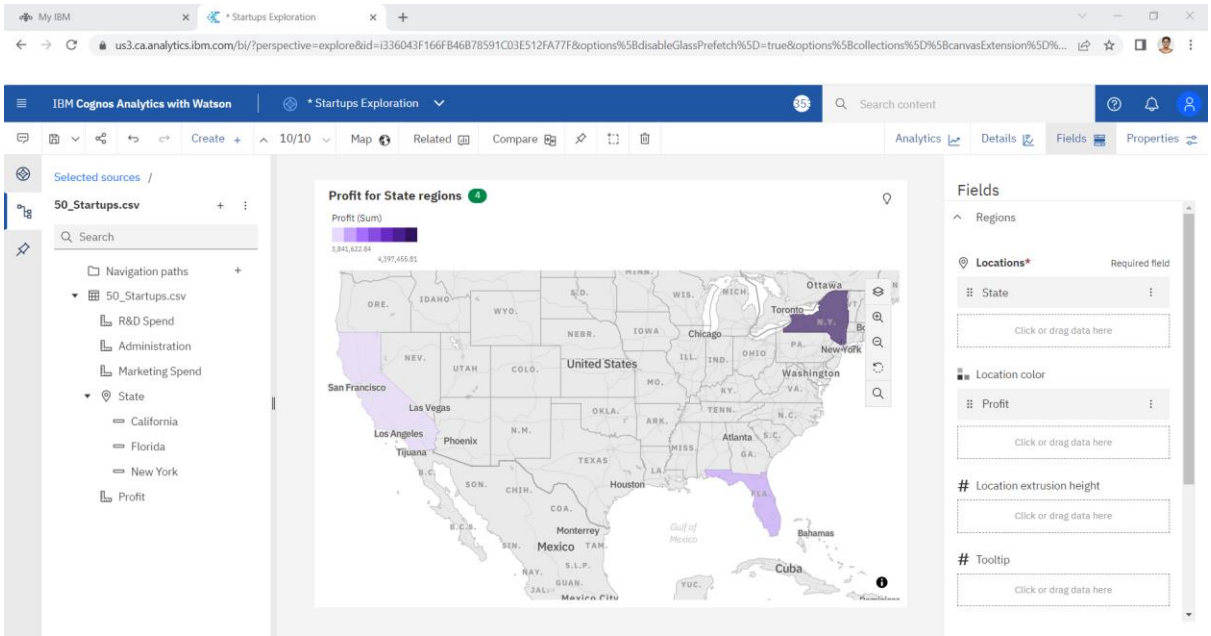
(x) Map - Profit for State regions