

## PROJECT TITLE: RETAIL STORE STOCK INVENTORY ANALYTICS

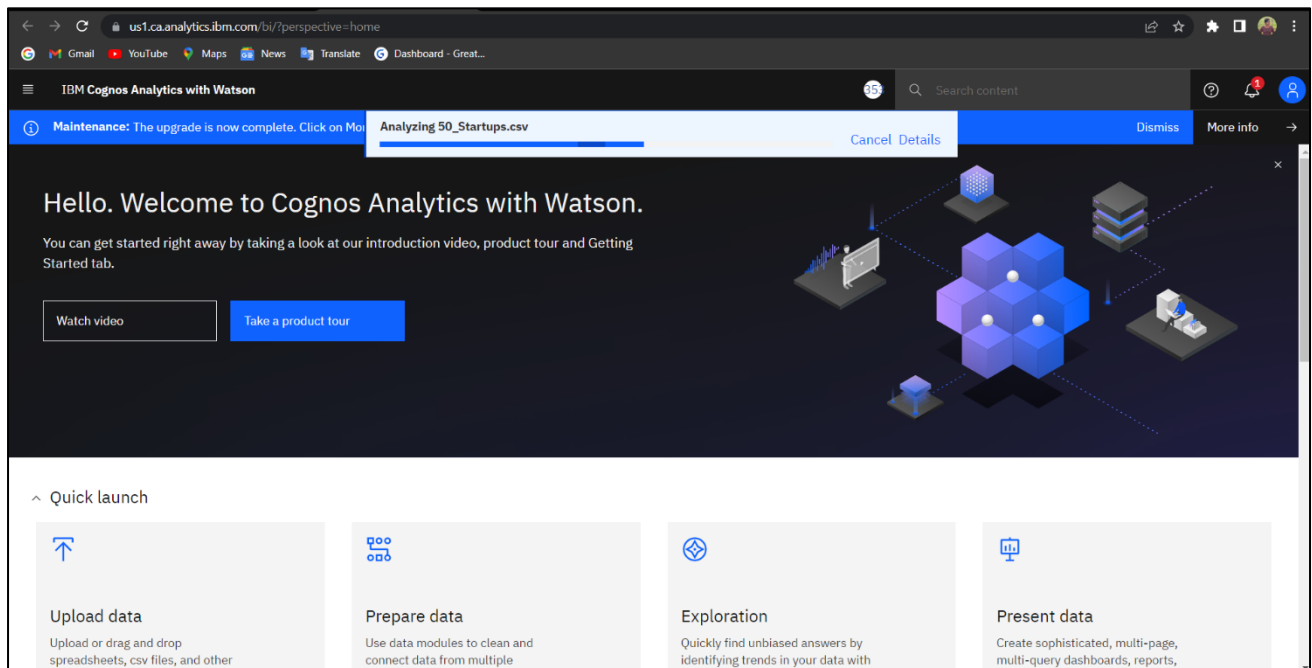
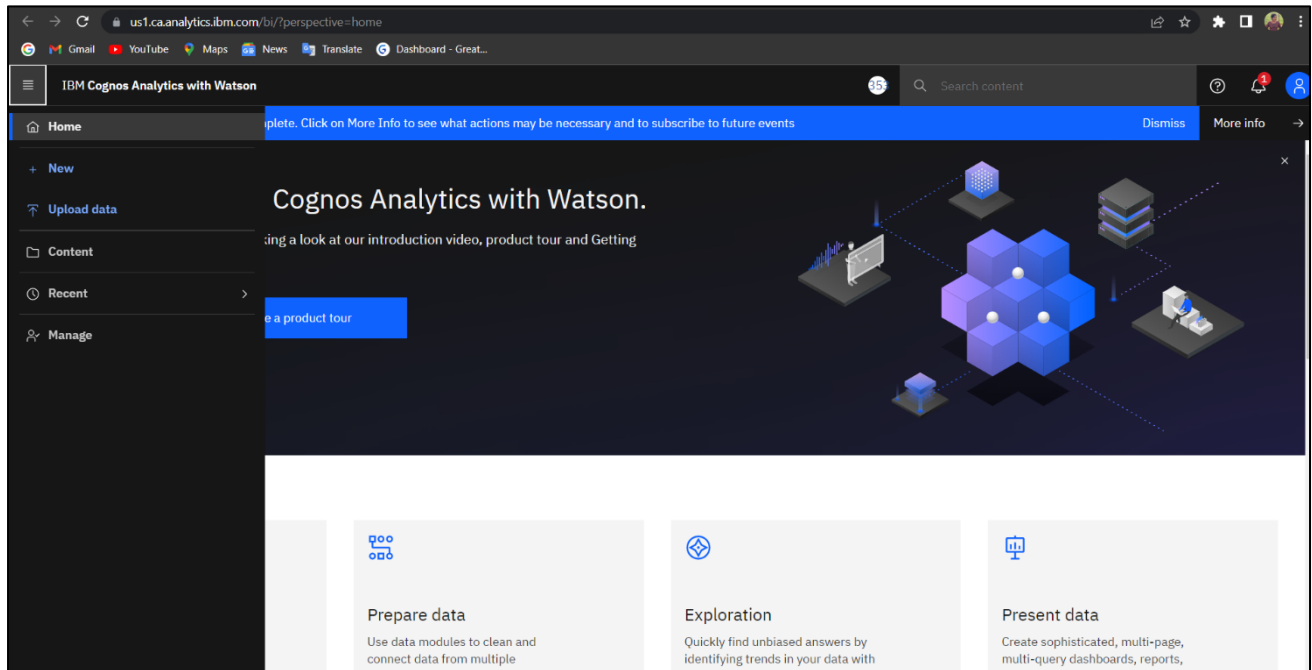
**DOMAIN:** DATA ANALYTICS

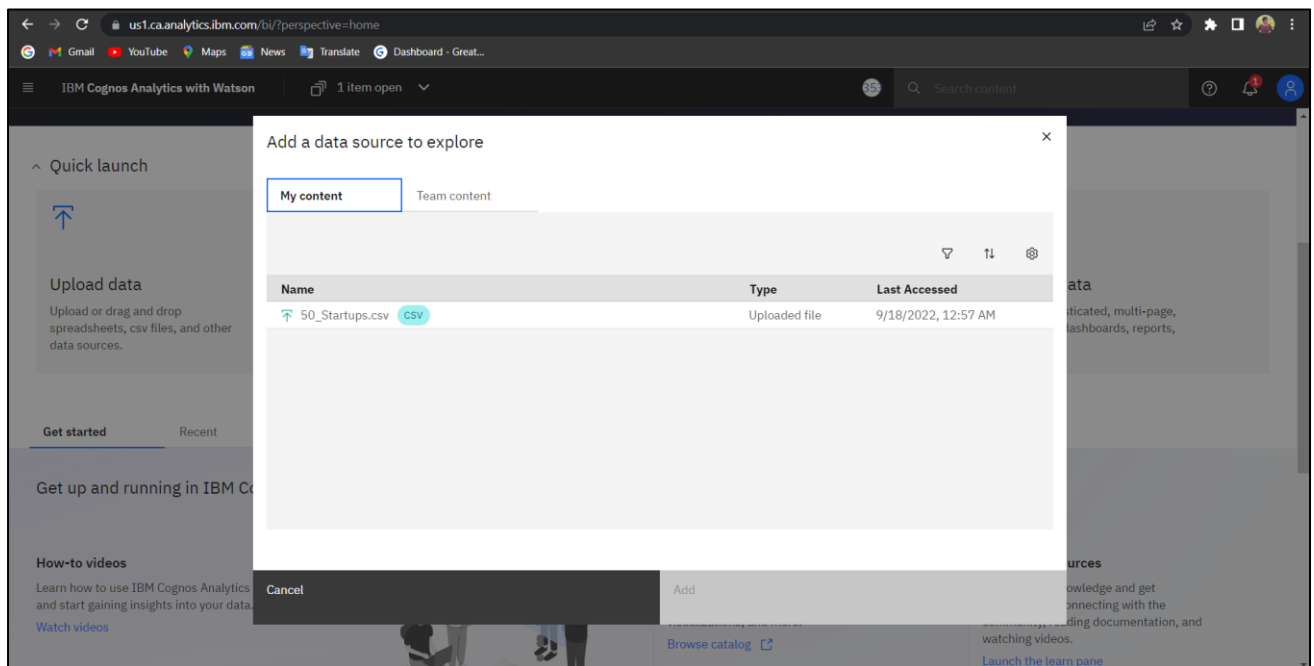
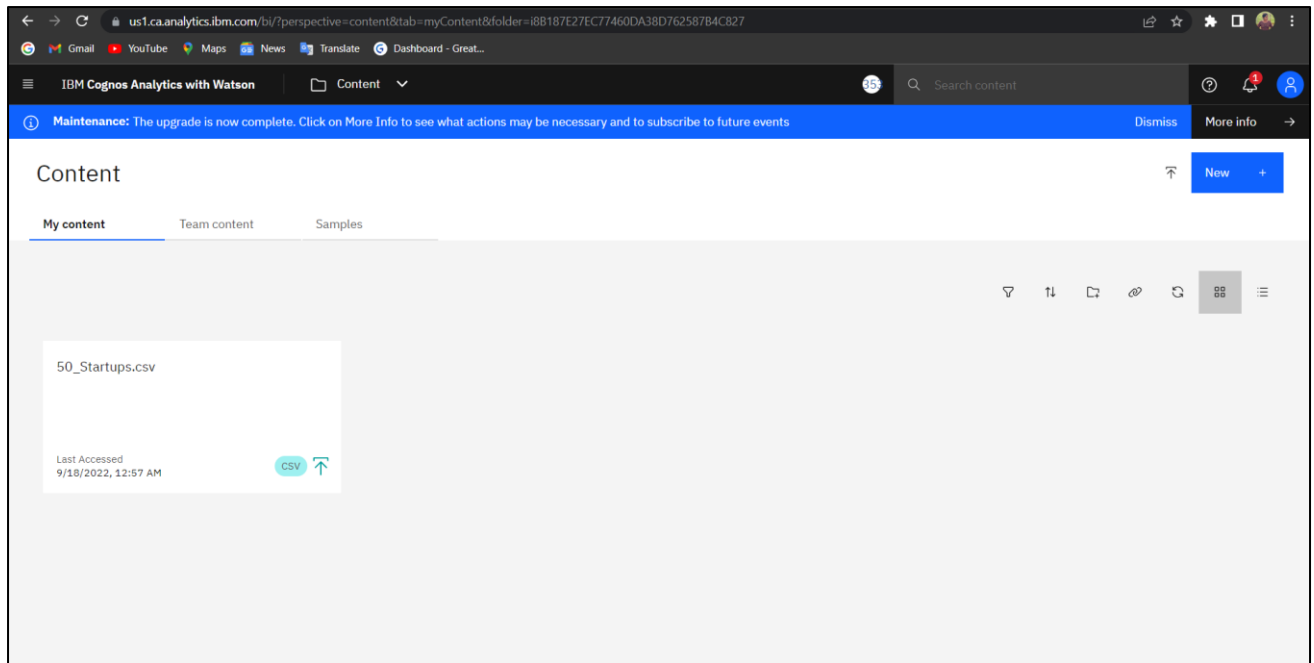
**NAME:** KARPAGAVALLI S

**ASSIGNMENT NO:** 1

**REGISTER NO:**311519104027

### UPLOADING DATA :





us1.ca.analytics.ibm.com/bi/?perspective=explore&id=explore\_eccdc68b-3f86-4eac-ac7d-c605c14decf0&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasE...

IBM Cognos Analytics with Watson

\* New exploration

Search content

Cards

Data relationships

### Select a starting point

Every exploration includes a data relationships card.

Start with any column. You can always change it later.

Enter data column. Not sure? Try Profit, Marketing Spend

Try starting with one of these...

Profit Marketing Spend Administration R&D Spend

90°F Mostly sunny

11:33 AM 18 Sep '22

us1.ca.analytics.ibm.com/bi/?perspective=explore&id=explore\_eccdc68b-3f86-4eac-ac7d-c605c14decf0&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasE...

IBM Cognos Analytics with Watson

\* New exploration

Search content

Cards

Data relationships

### Explore data relationships

50\_Startups.csv

Reset to original

Profit

Administration

Marketing Spend

R&D Spend

Relationship diagram ⓘ

10% 100%

### Select a visualization

Explore visualizations related to 'Profit'

Profit

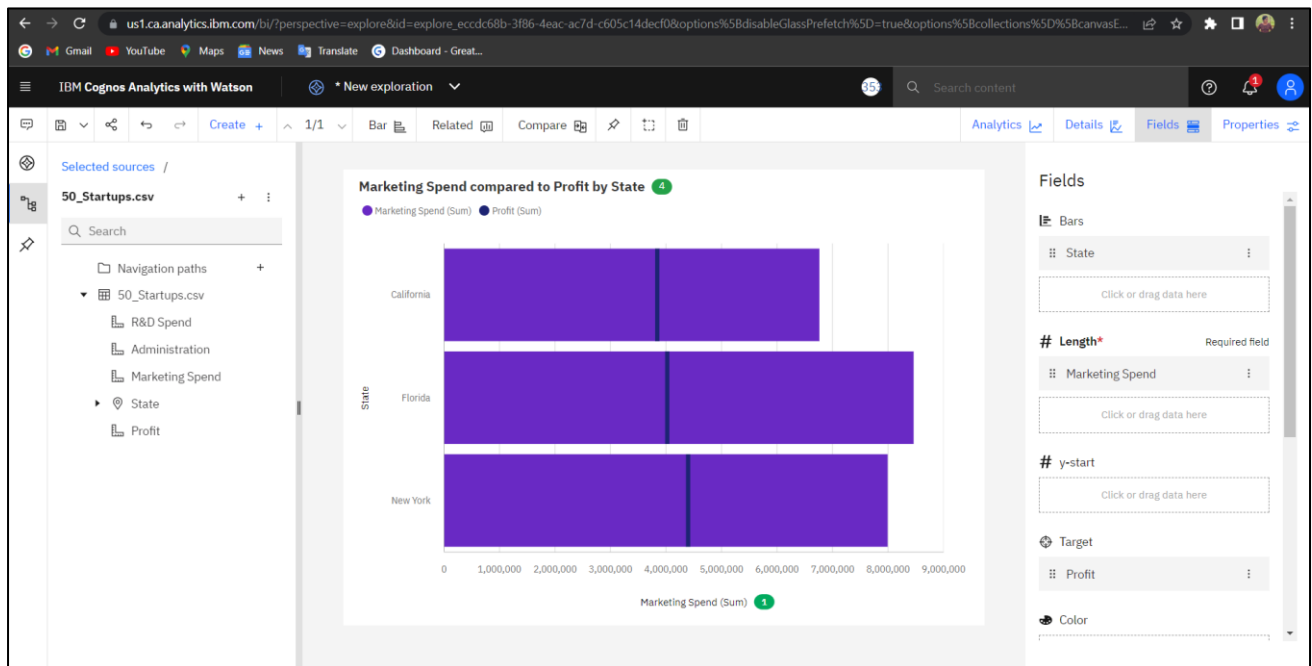
12.3M

Profit

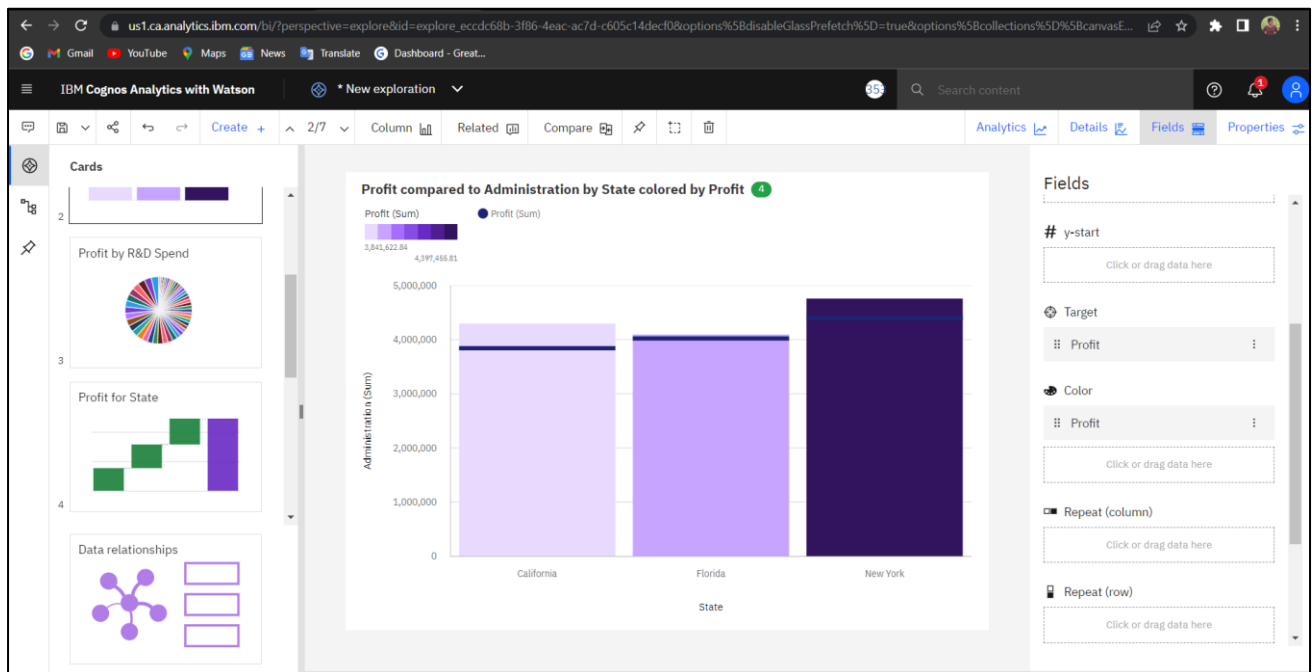
Administration and Profit for State regions

# 1.COMPARISON

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

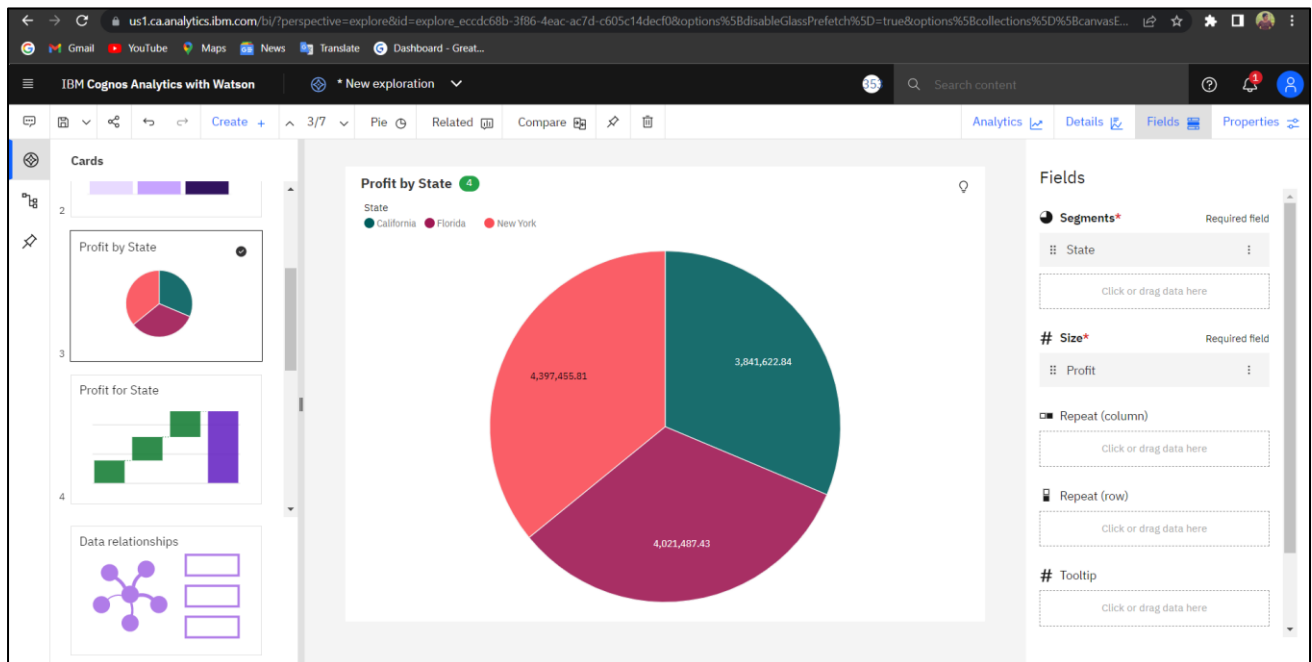


## (ii) Column - Profit compared to Administration by State coloured by Profit

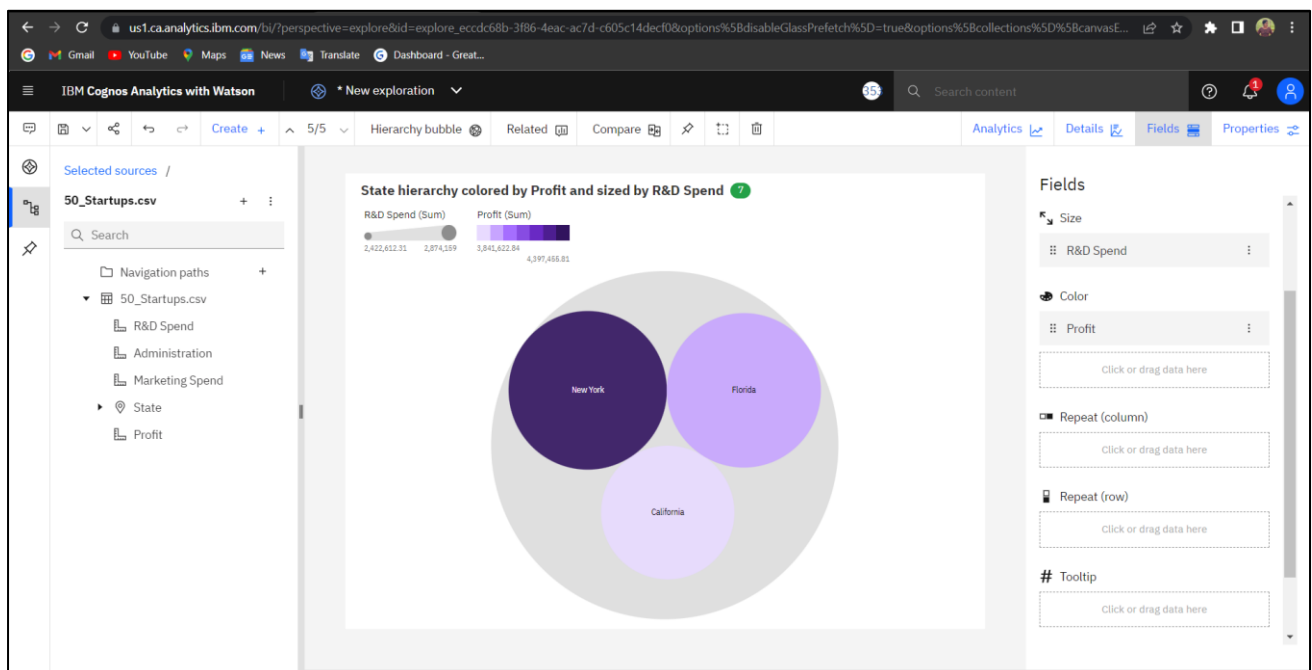


## 2.Parts to Whole

### (iii)Pie - Profit by State

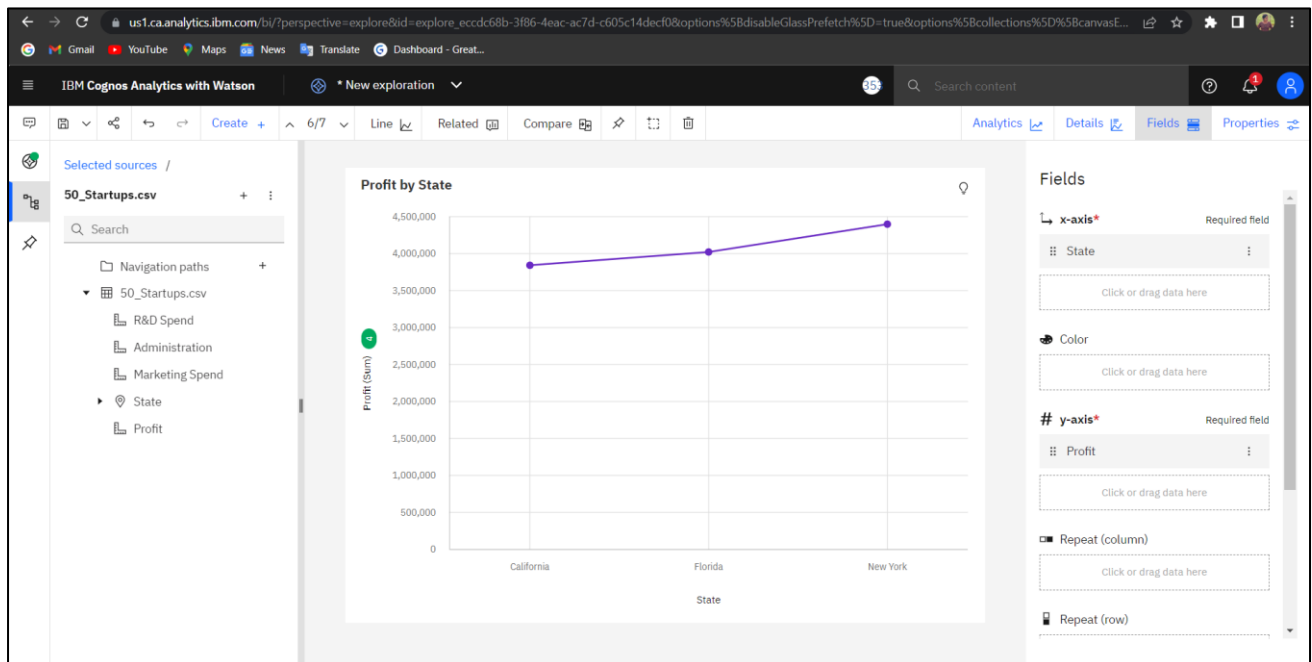


### (iv)Hierarchy Bubble - State hierarchy coloured by Profit and sized by R&D Spend

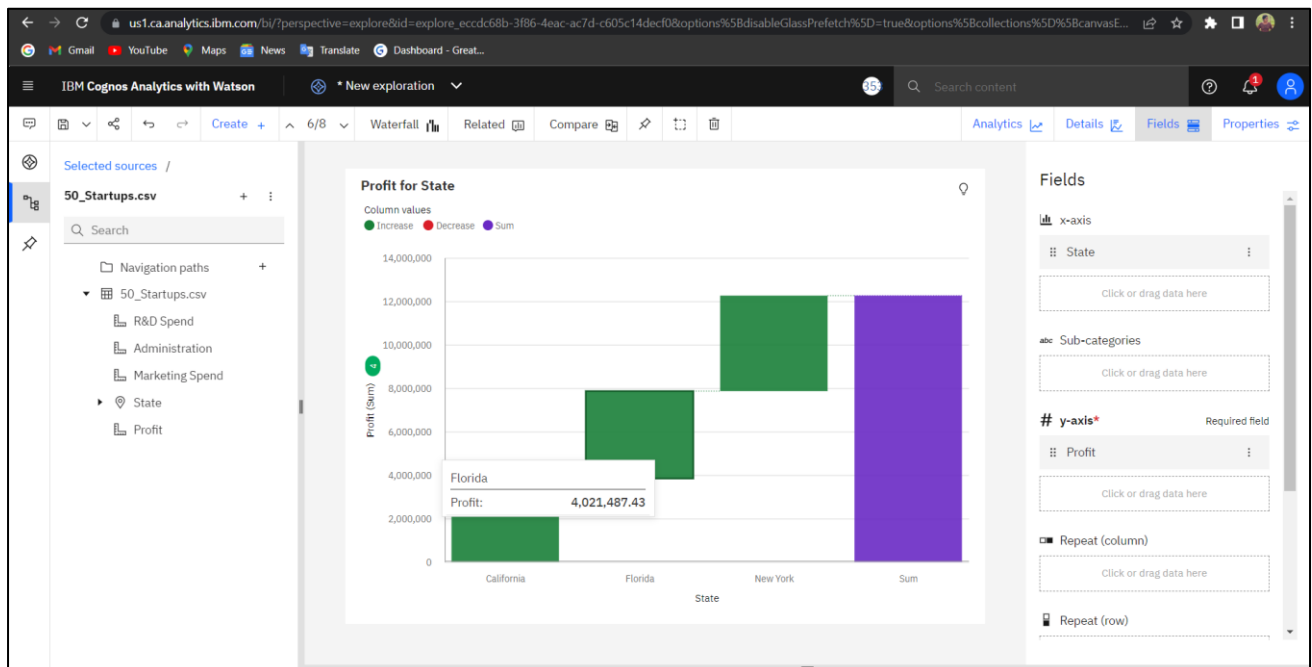


### 3. Trend

#### (v)Line - Profit by State

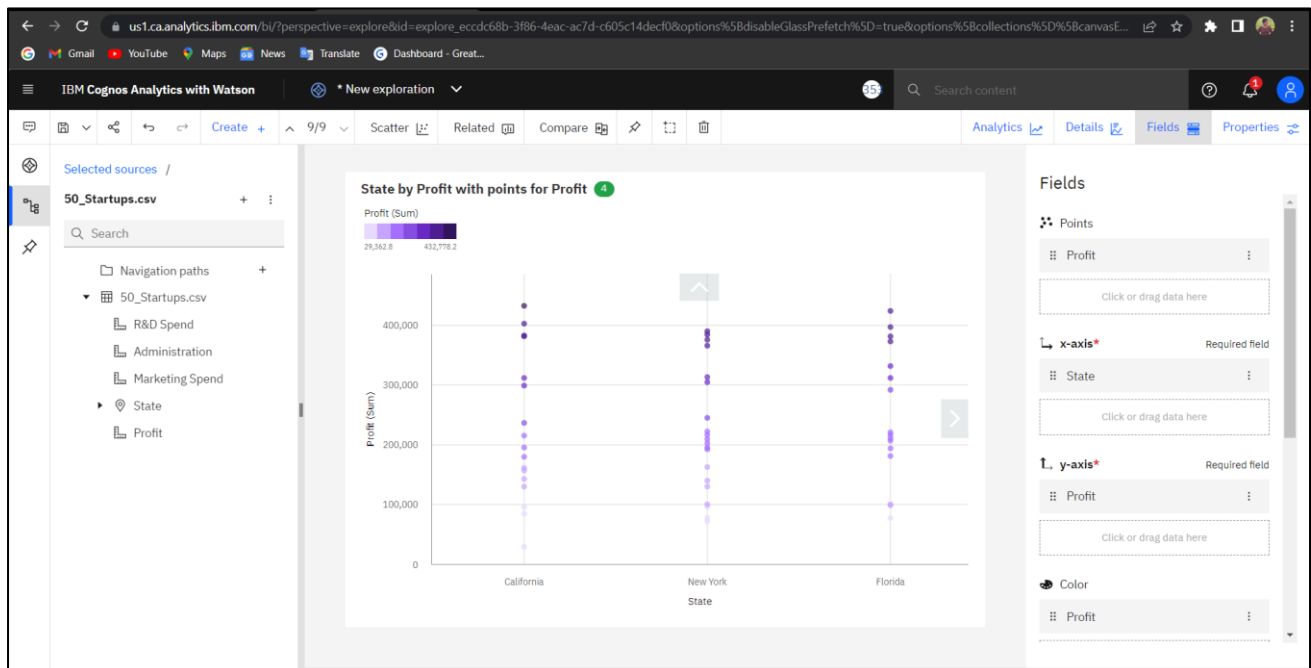


#### (vi)Waterfall - Profit for State



## 4.Relationship

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



## 5.Table and Summary

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

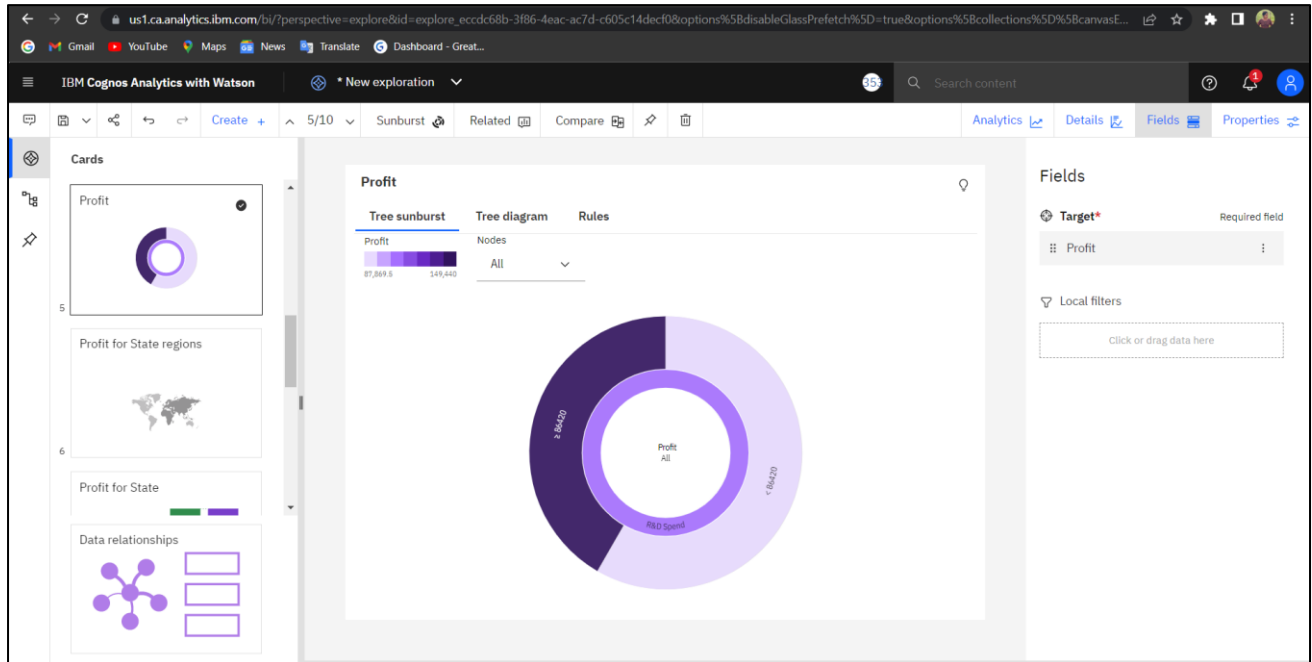
The table displays the relationship between State, Marketing Spend, Profit, R&D Spend, and Administration. The columns are State, R&D Spend, Marketing Spend, Administration, and Profit. The data is presented for California, Florida, and New York, along with a Summary row.

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

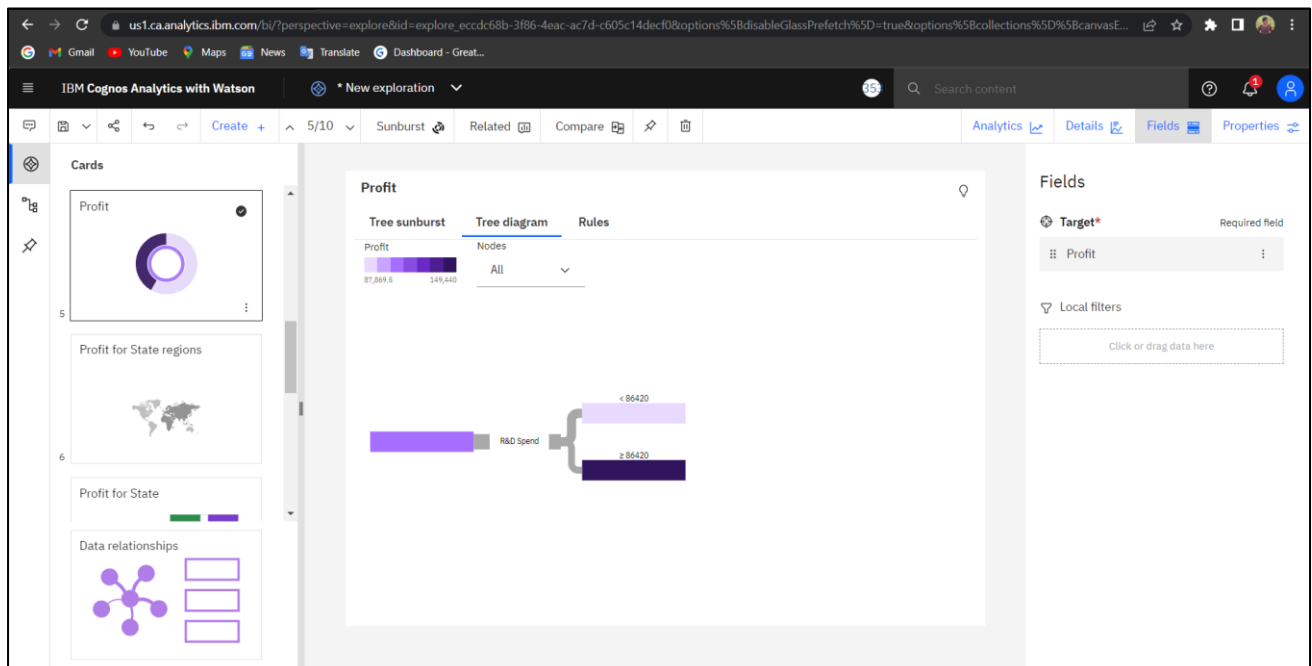
## 6.Advanced Analytics

### (ix)Sunburst Target – Profit

#### Tree sunburst

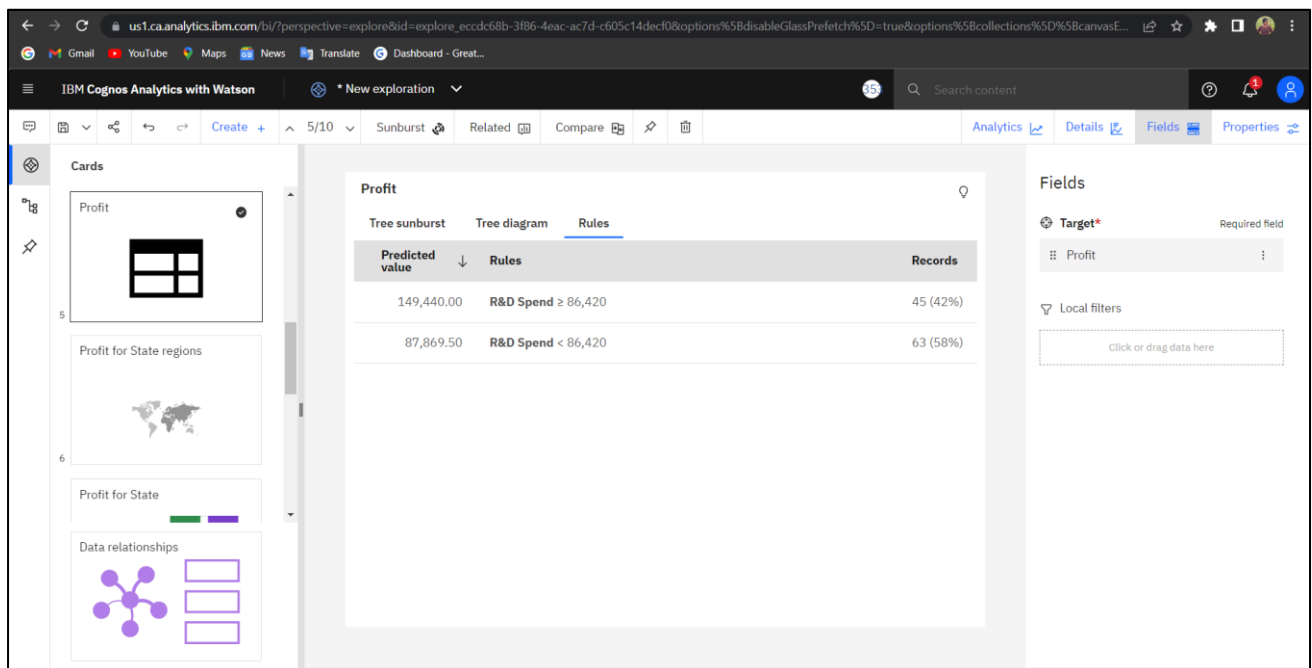


#### Tree Diagram





# Rules



## 7.Geospatial

### (x)Map - Profit for State Regions

