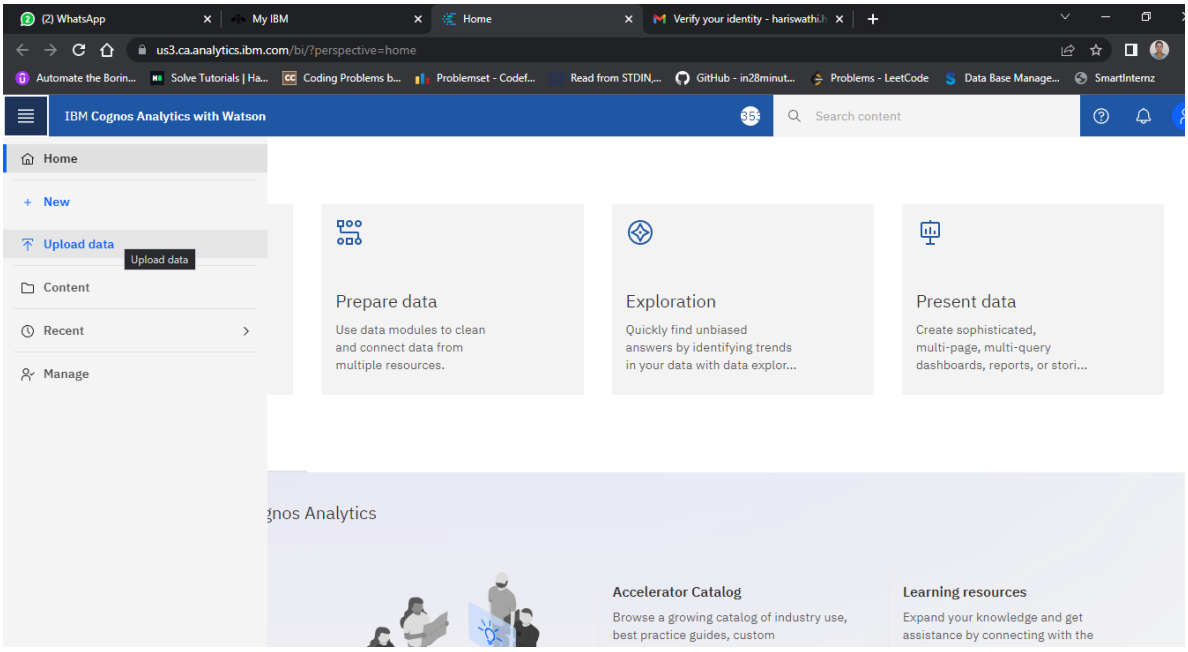
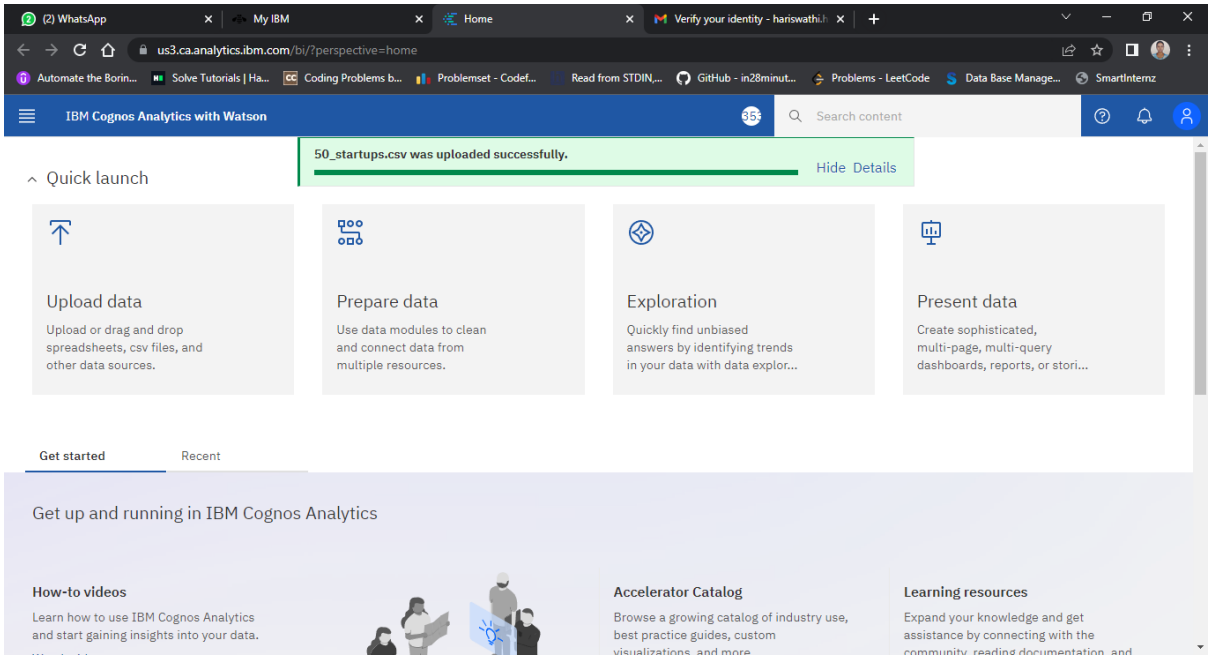
RETAIL STORE STOCK INVENTORY ANALYTICS

**DOMAIN:** DATA ANALYTICS **NAME:** HARIPRIYA G

**ASSIGNMENT 1** **REGISTER NO:**311519104021

## 1.UPLOADING DATA



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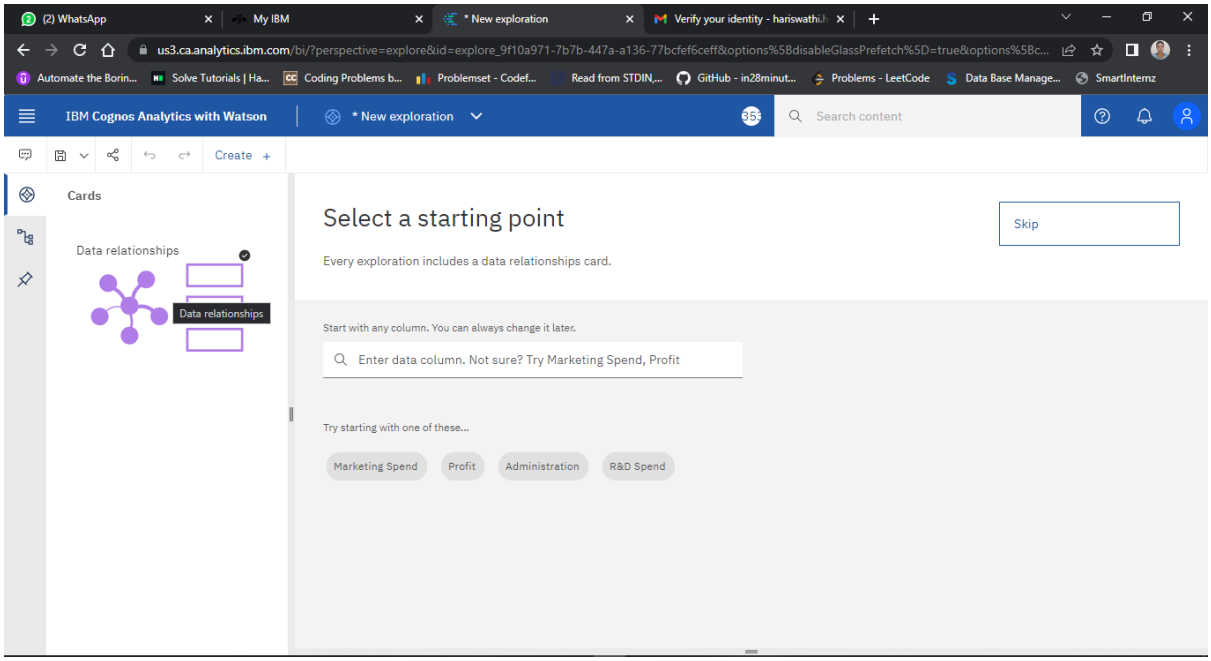


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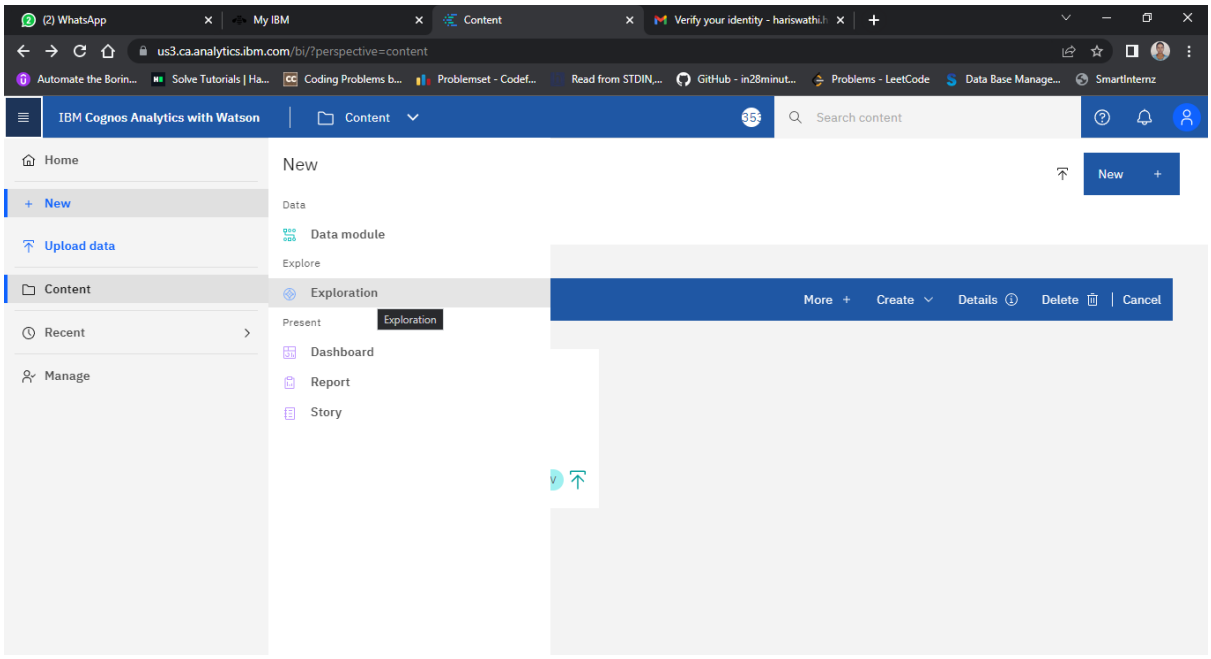

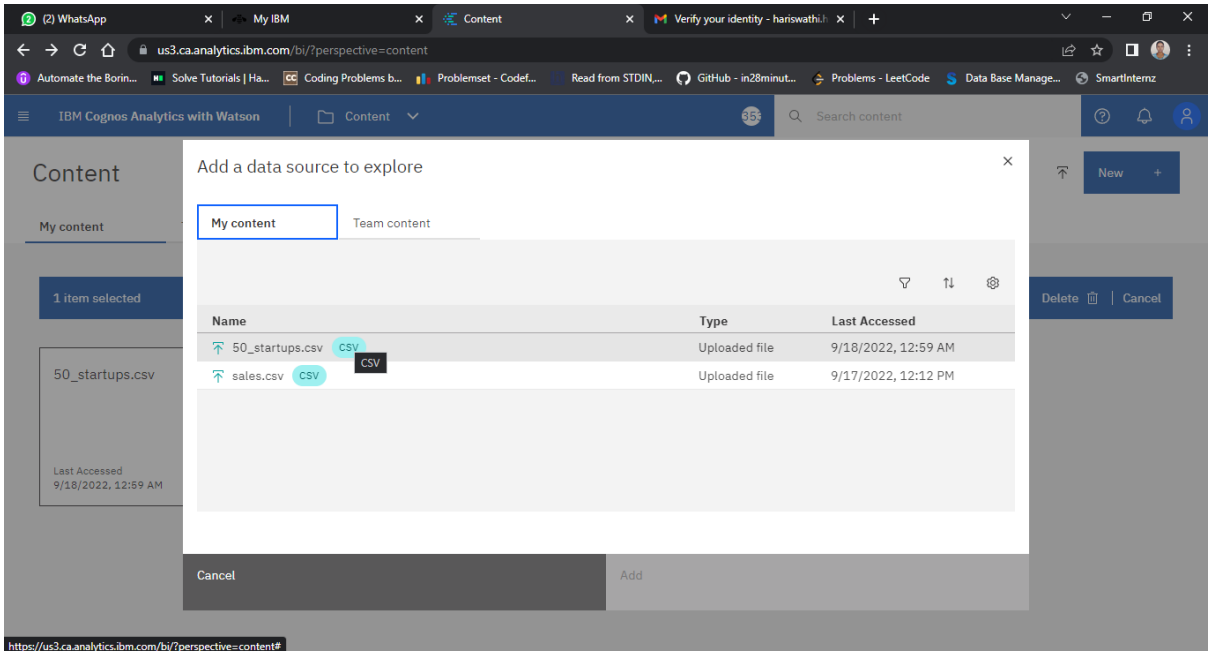
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Search content
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CSV
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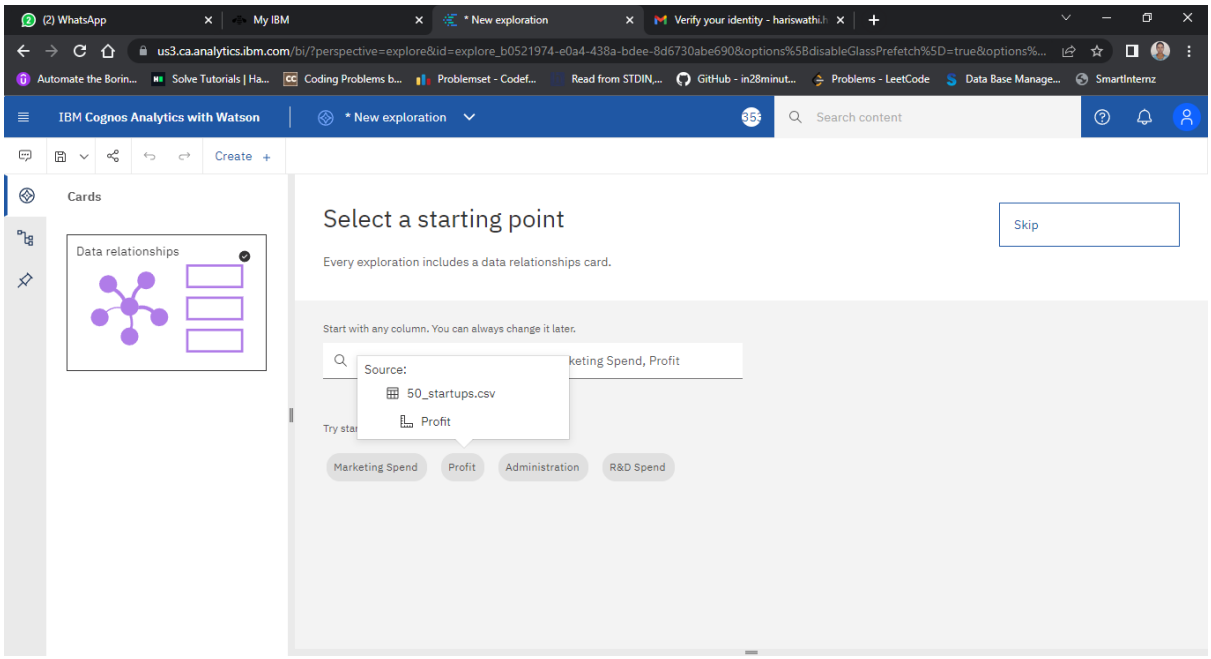
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Create
Cards
Data relationships
Select a starting point
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Every exploration includes a data relationships card.
Start with any column. You can always change it later.
Source:
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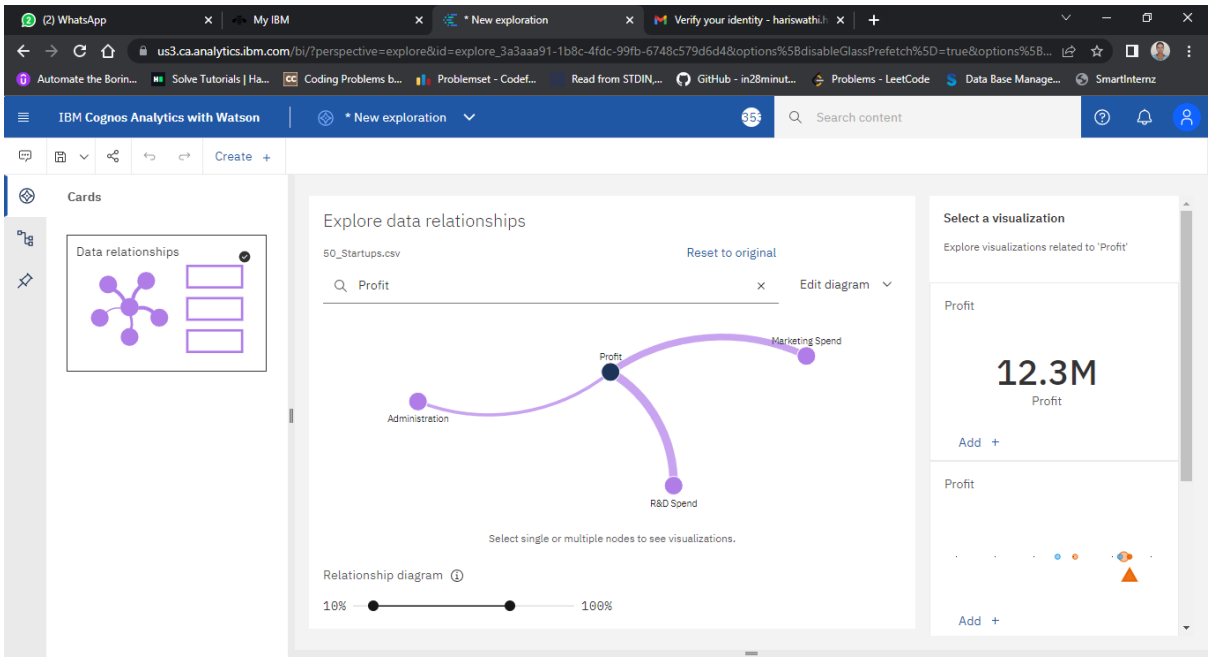
Profit
Marketing Spend
Profit
Administration
R&D Spend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My IBM
* New exploration
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Problems - LeetCode
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SmartInternz
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Cards
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50_Startups.csv
Reset to original
Profit
Edit diagram
Marketing Spend
Profit
Administration
R&D Spend
Select single or multiple nodes to see visualizations.
Relationship diagram
10%
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Profit
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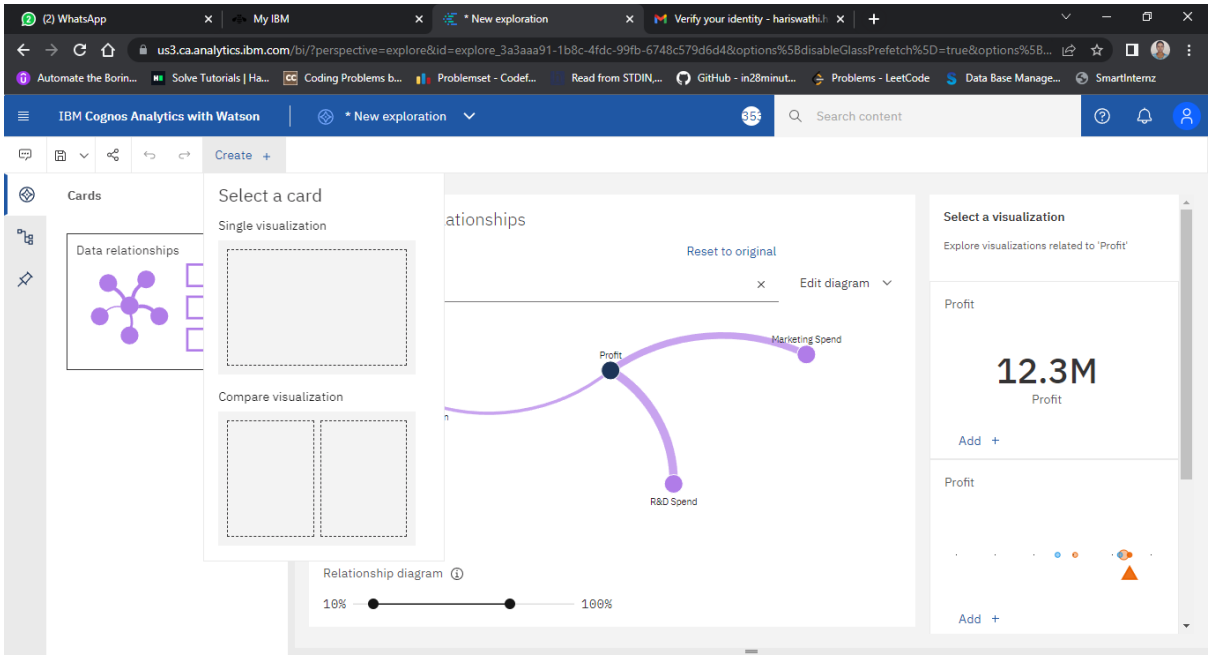
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SmartInternz
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* New exploration
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Cards
Data relationships
Select a card
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Reset to original
Edit diagram
Marketing Spend
Profit
R&D Spend
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Explore visualizations related to 'Profit'
Profit
12.3M
Profit
Add
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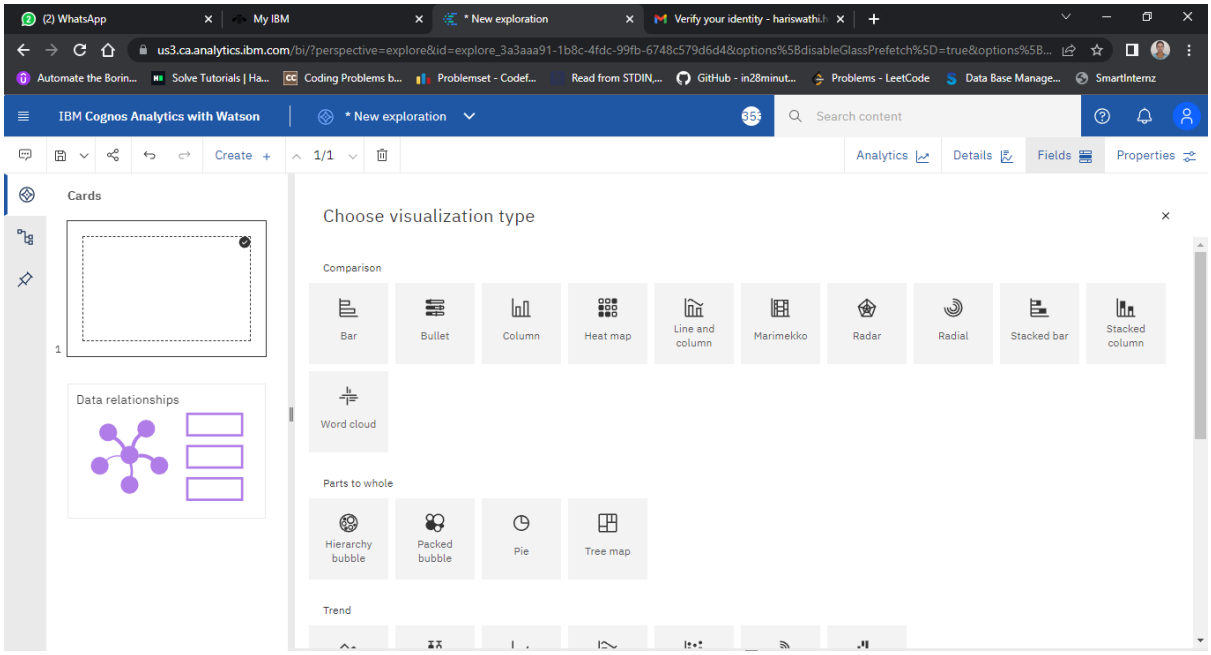
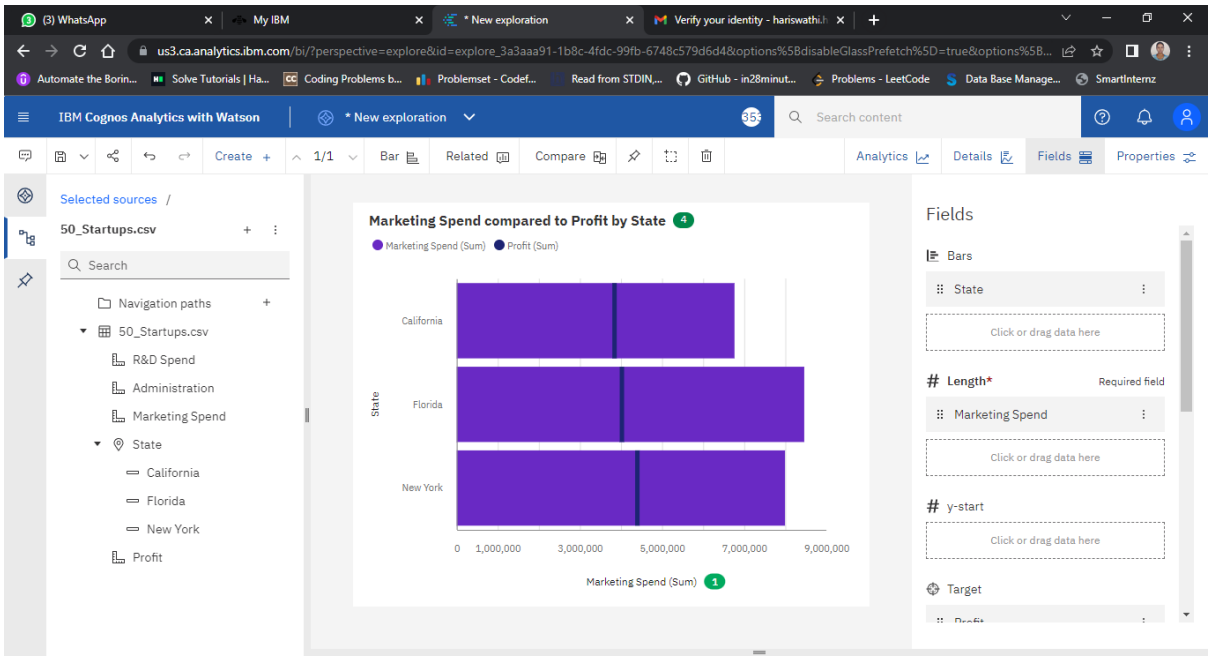



# VISUALIZATION

## 1.COMPARISON

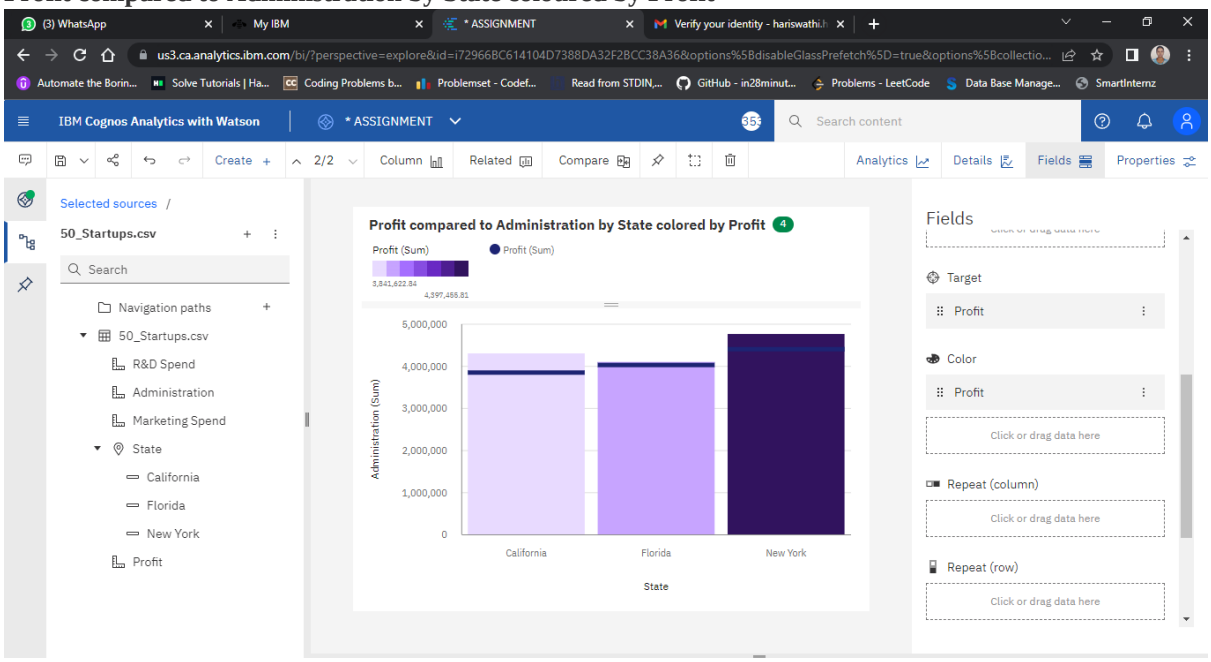
### a)BAR GRAPH

### Marketing Spend compared to Profit by State



## b)COLUMN

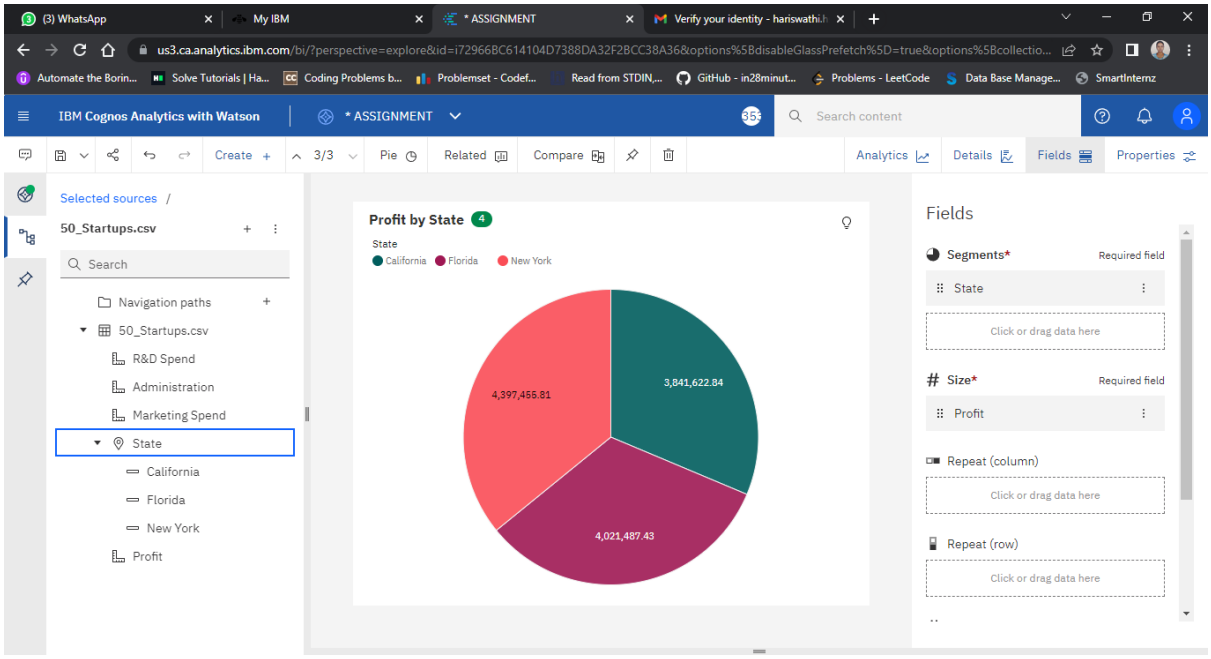
### Profit compared to Administration by State coloured by Profit




## 2.PARTS TO WHOLE

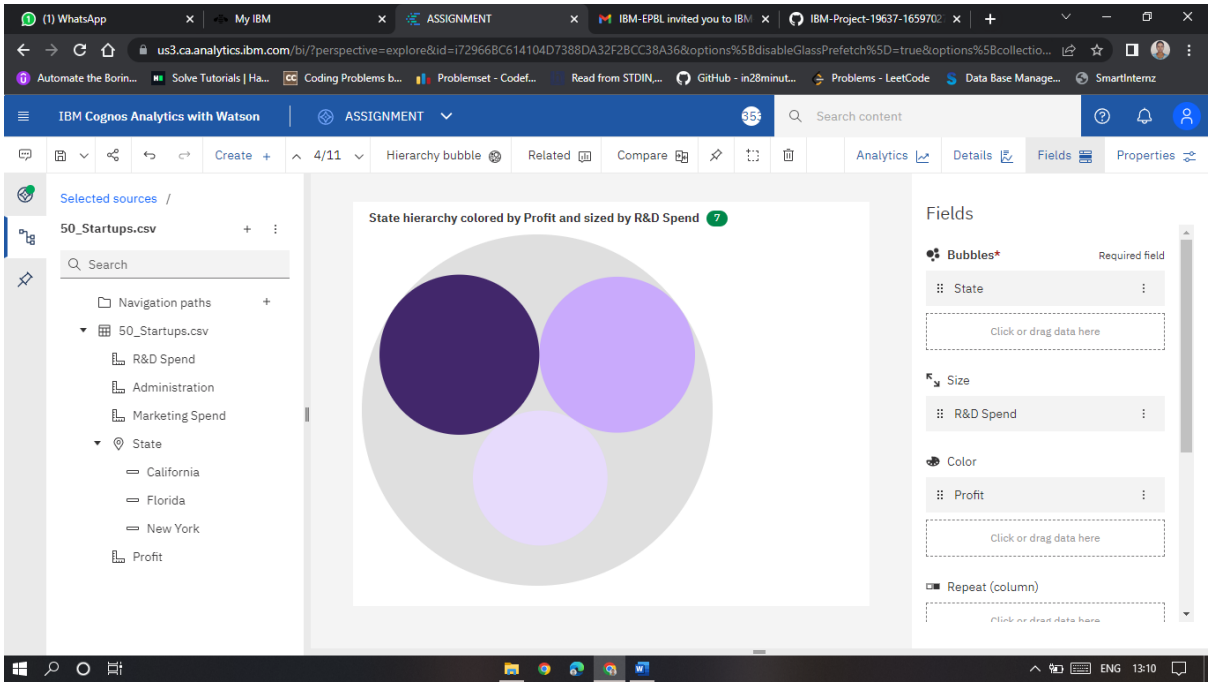
## a)PIE CHART

### Profit by state



## b)HIERARCHY BUBBLE

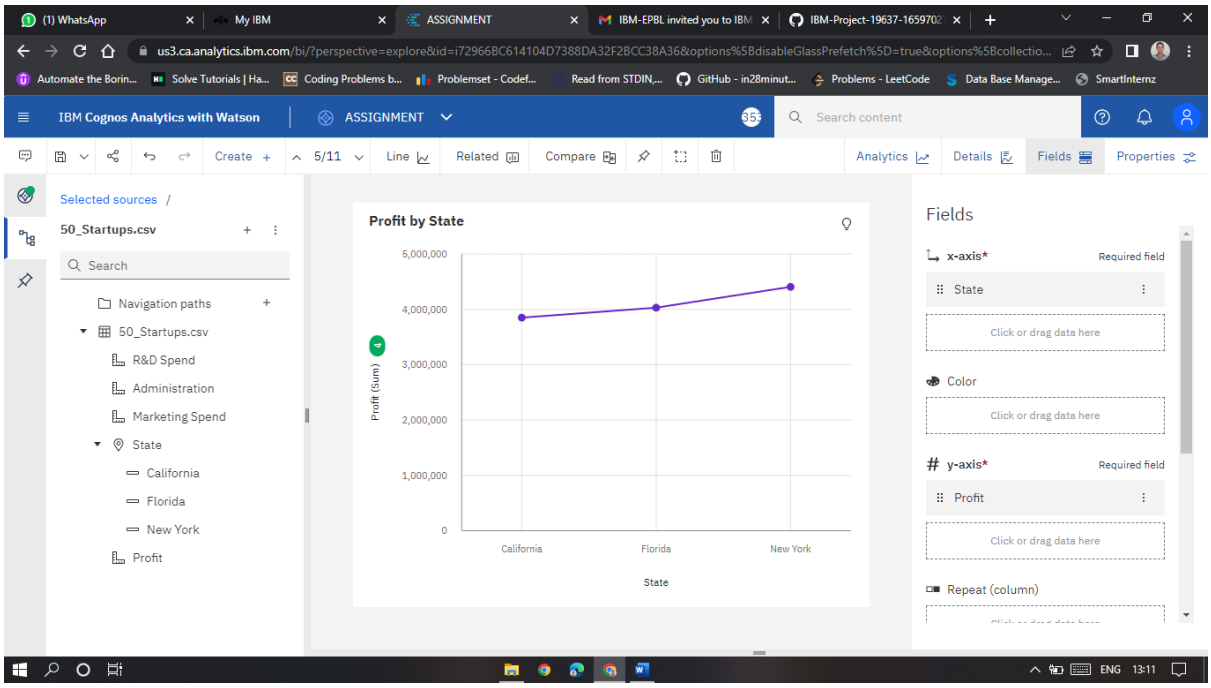
### State hierarchy coloured by Profit and sized by R&D Spend




## 3.TREND

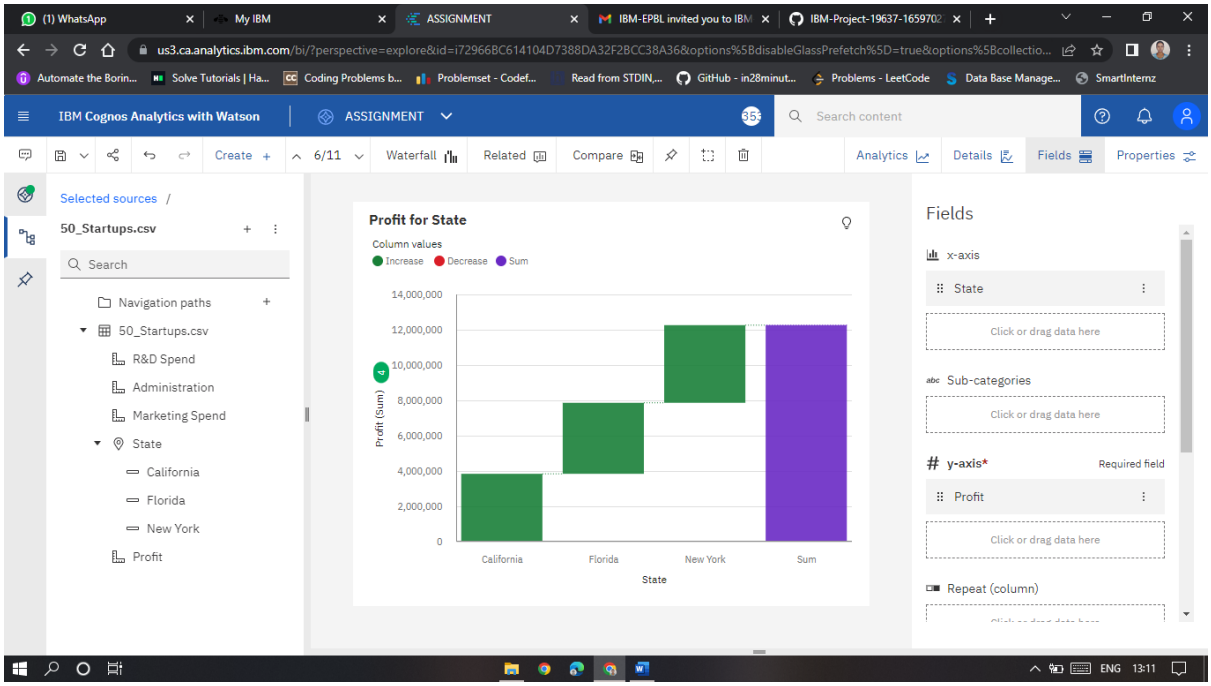
## a)LINE

### Profit by state



## b)WATERFALL

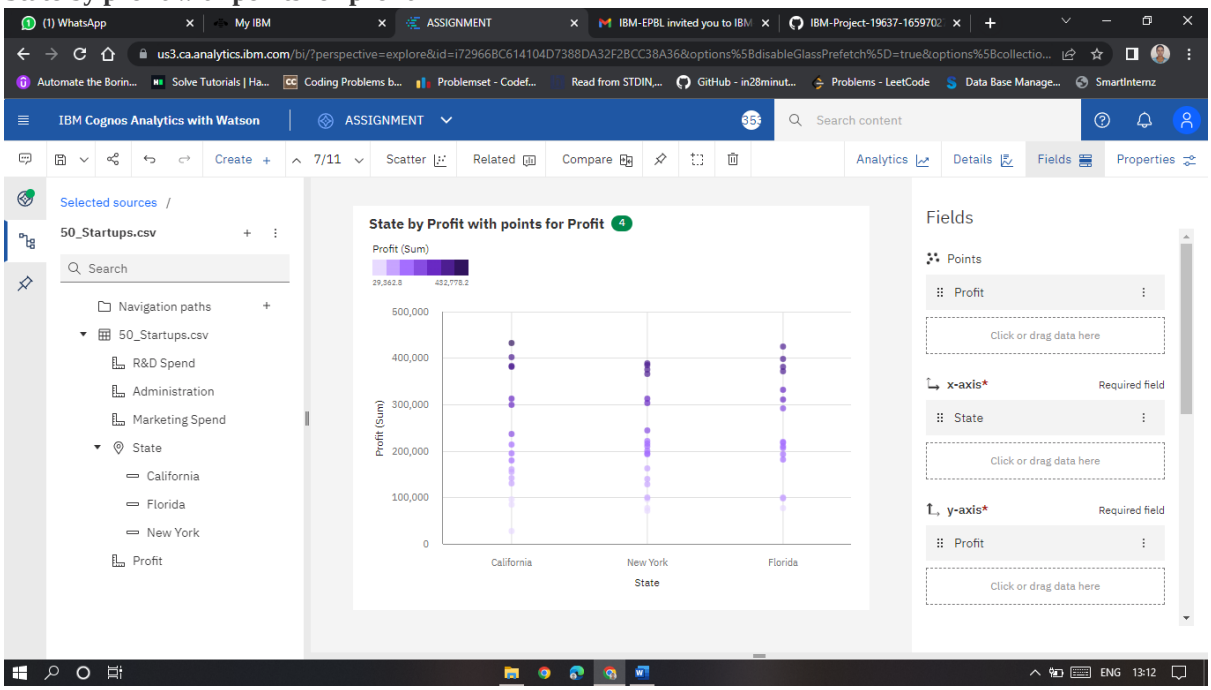
### Profit for state




## 4.RELATIONSHIP

## a)SCATTER

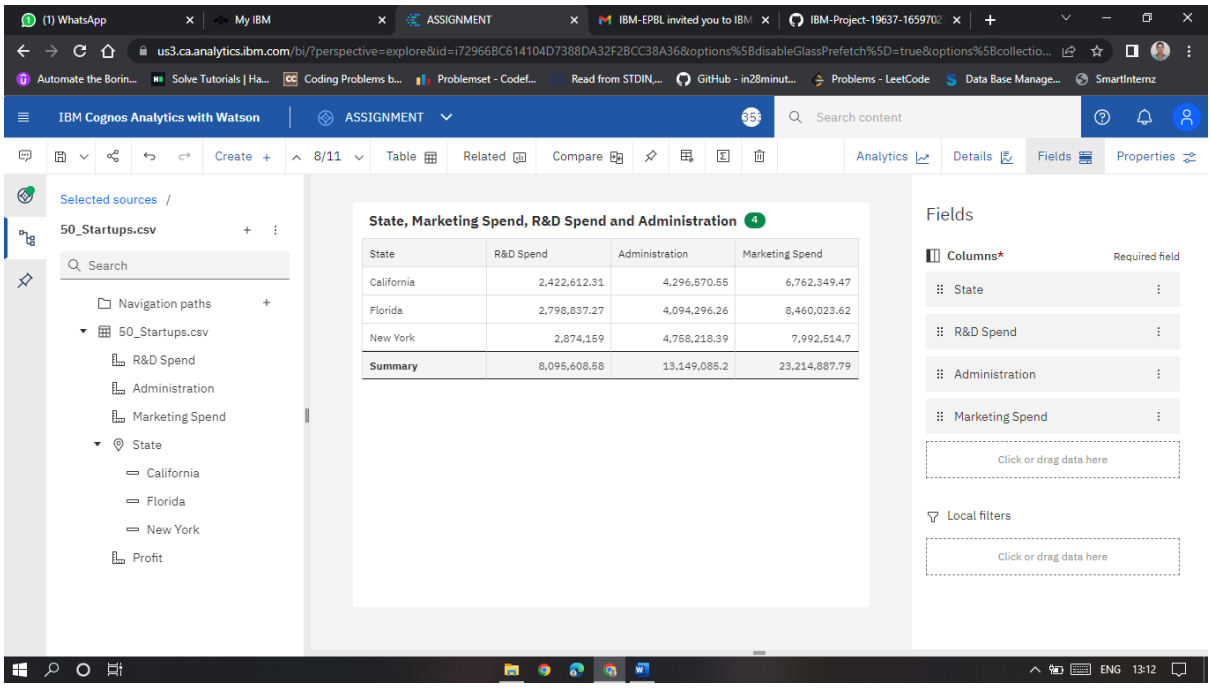
### State by profit with points for profit



## 5.TABLES AND SUMMARY

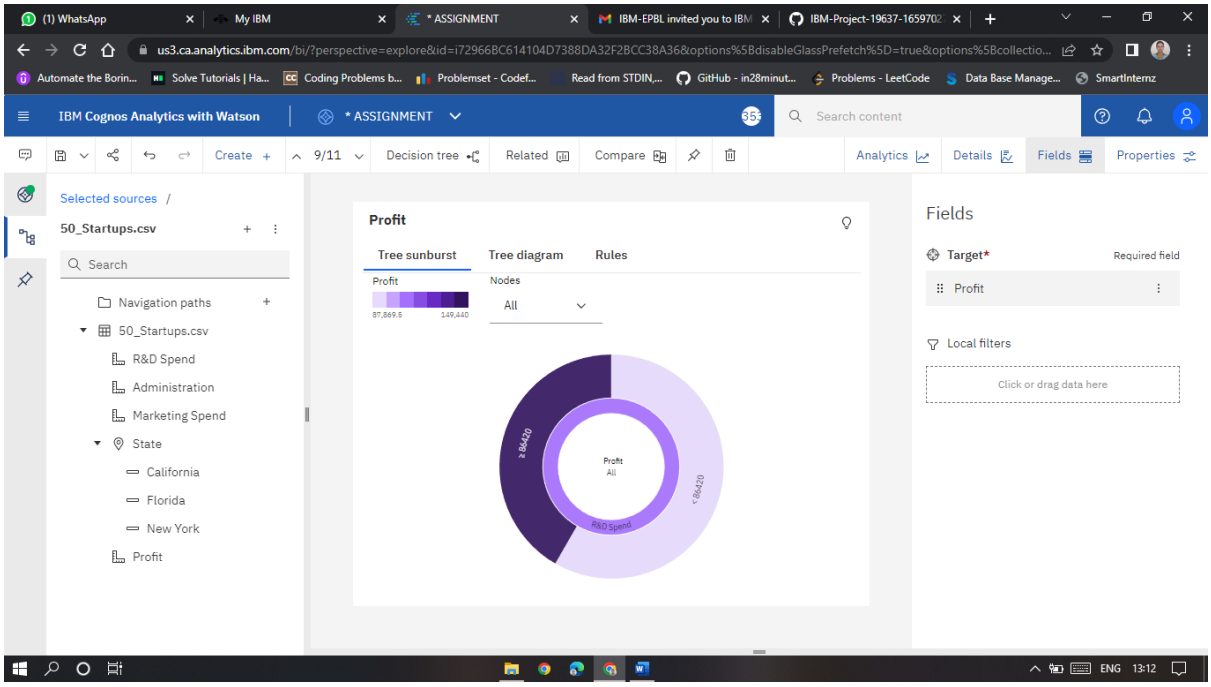
### a)TABLE

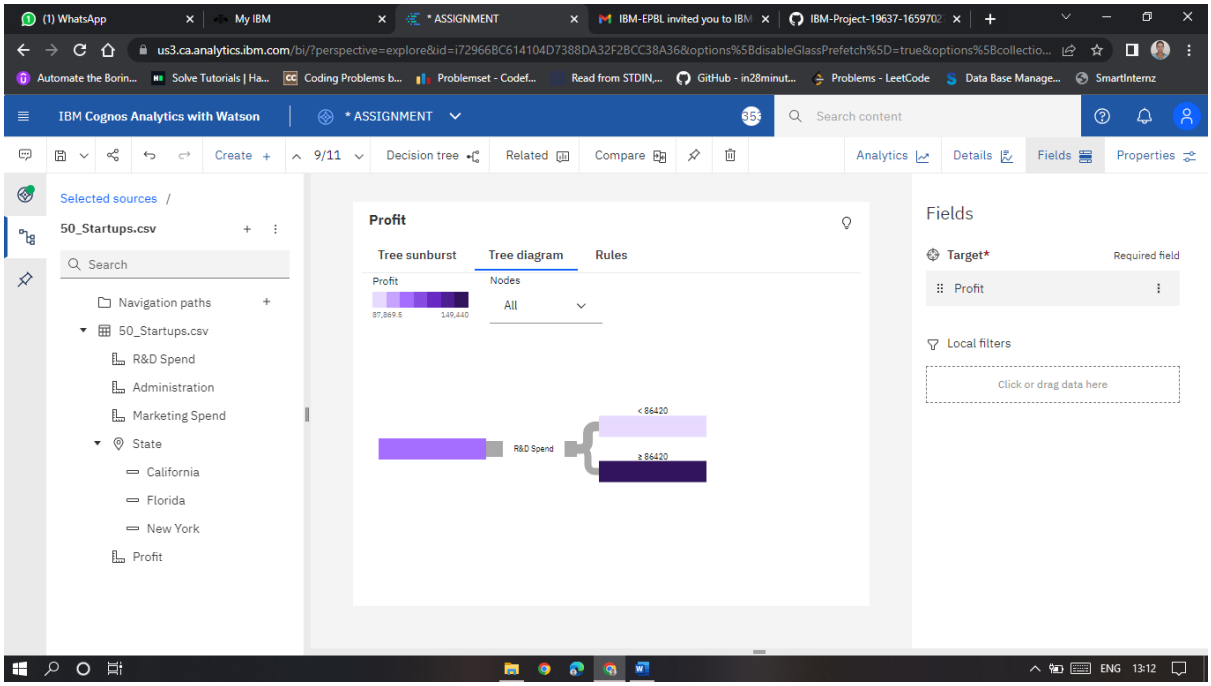
### State , Marketing spend , R & D Speed and Administration




## 6.ADVANCED ANALYSIS

### a)DECISION TREE




IBM Cognos Analytics with Watson
* ASSIGNMENT
Search content
Create
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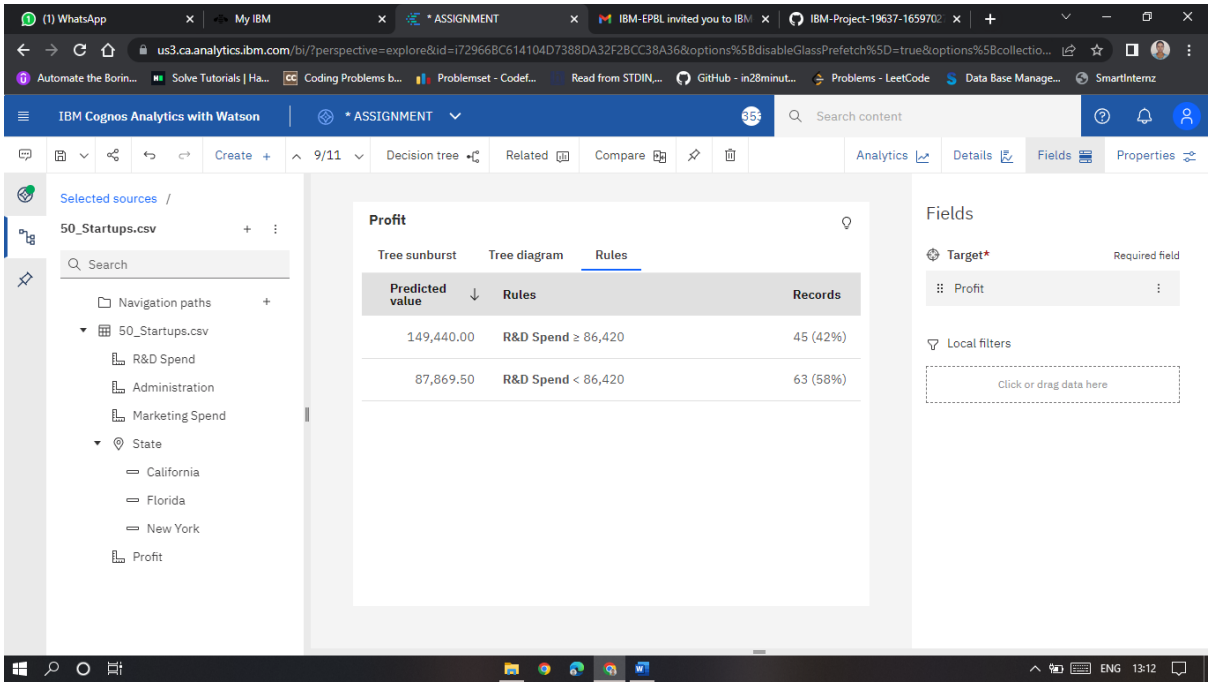
Decision tree
Related
Compare
Analytics
Details
Fields
Properties
Selected sources /
50_Startups.csv
Search
Navigation paths
50_Startups.csv
R&D Spend
Administration
Marketing Spend
State
California
Florida
New York
Profit
Profit
Tree sunburst
Tree diagram
Rules
Profit
87,869.5
149,440
Nodes
All
< 86420
R&D Spend
≥ 86420
Fields
Target*
Required field
Profit
Local filters
Click or drag data here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* ASSIGNMENT
Search content
Create
9/11
Decision tree
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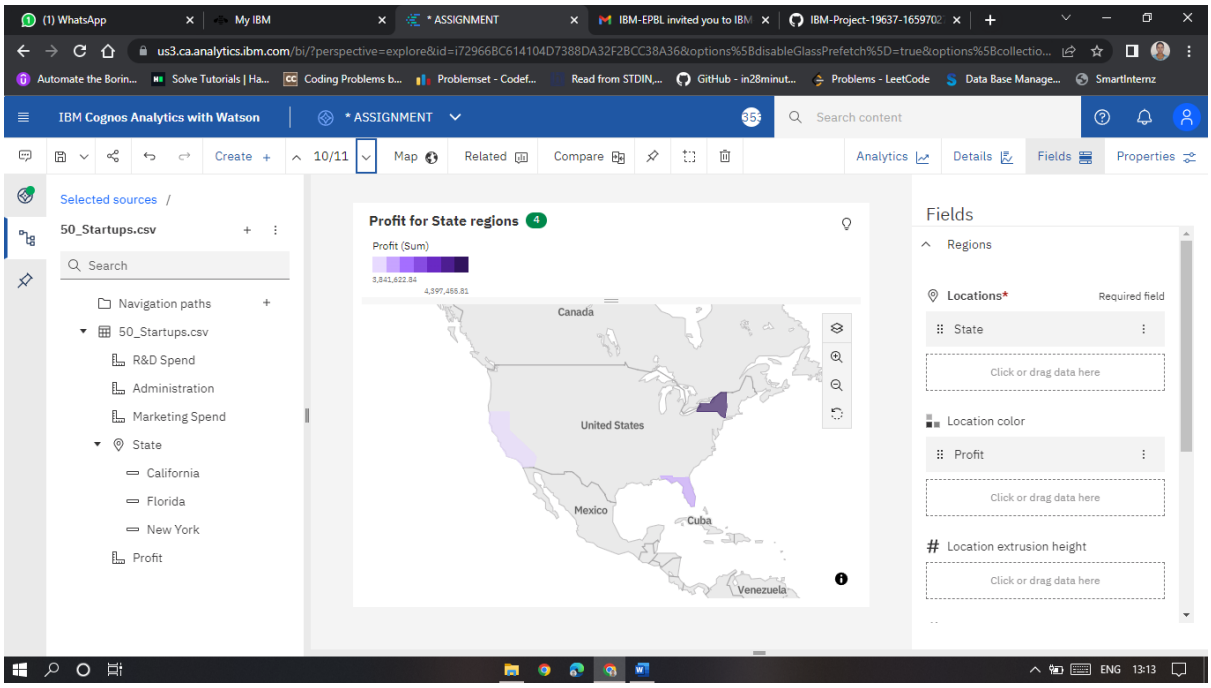
Selected sources /
50_Startups.csv
Search
Navigation paths
50_Startups.csv
R&D Spend
Administration
Marketing Spend
State
California
Florida
New York
Profit
Profit
Tree sunburst
Tree diagram
Rules
Predicted value
Rules
Records
149,440.00
R&D Spend ≥ 86,420
45 (42%)
87,869.50
R&D Spend < 86,420
63 (58%)
Fields
Target*
Required field
Profit
Local filters
Click or drag data here

## 7.GEOSPATIAL

## a)Maps

## Profit for State regions