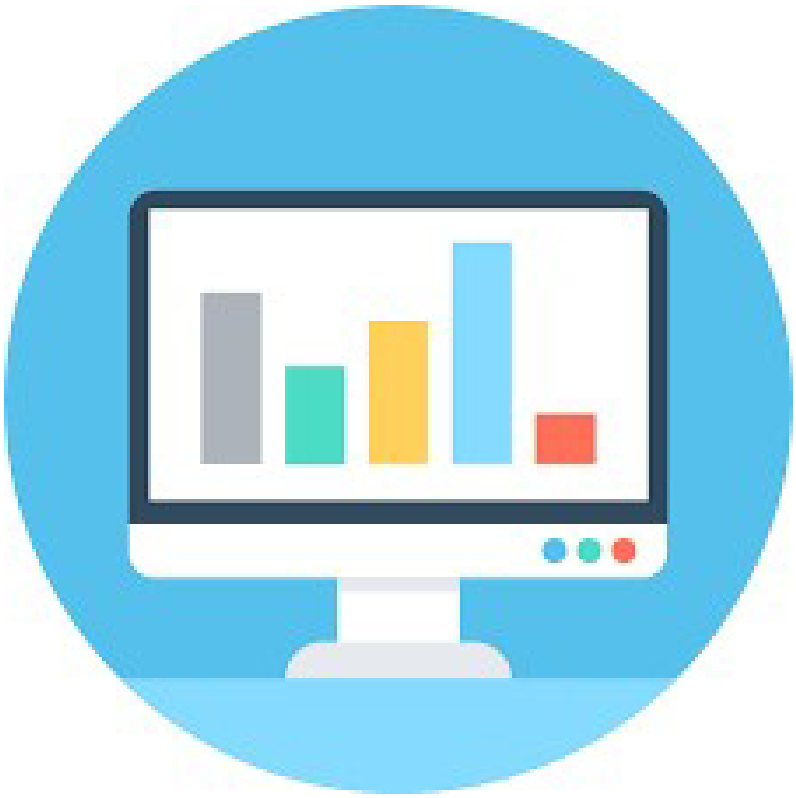
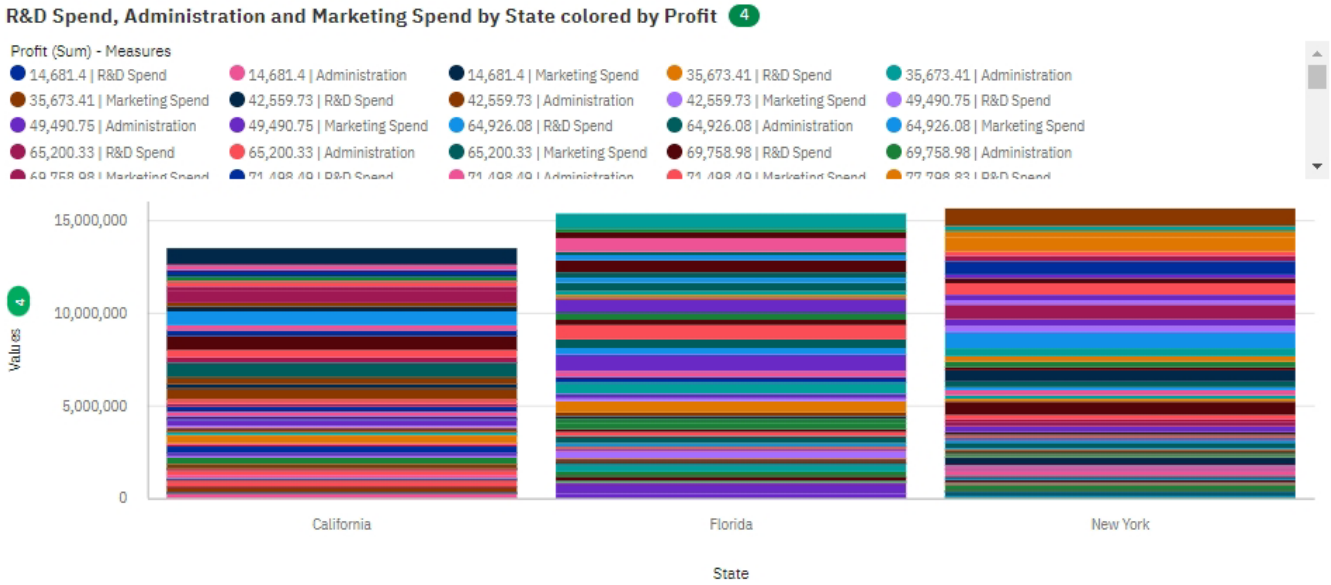
DATA ANALYTICS



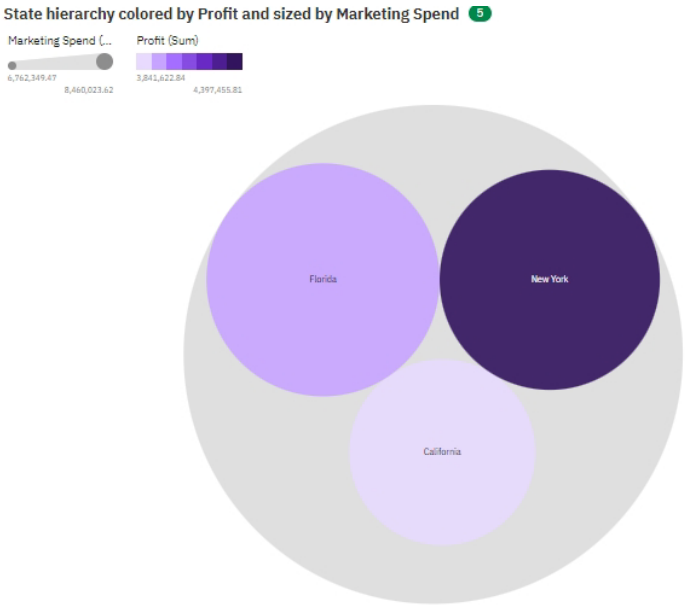
ASSIGNMENT-1

Harish g

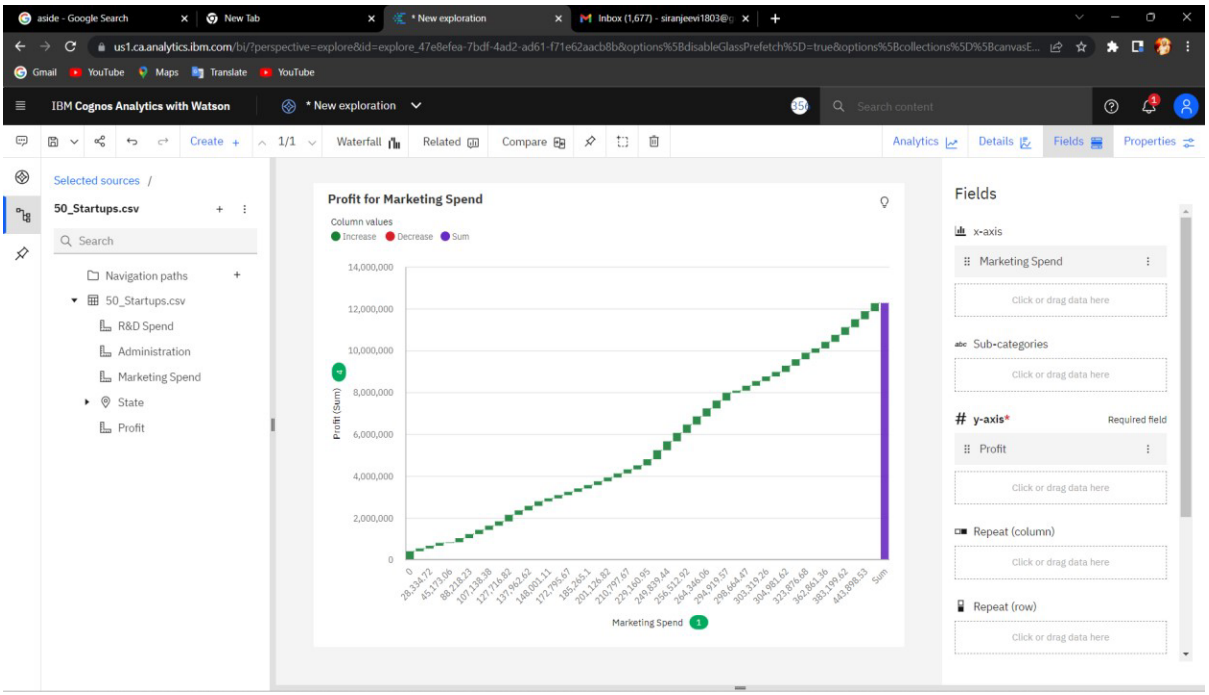
Column chart:



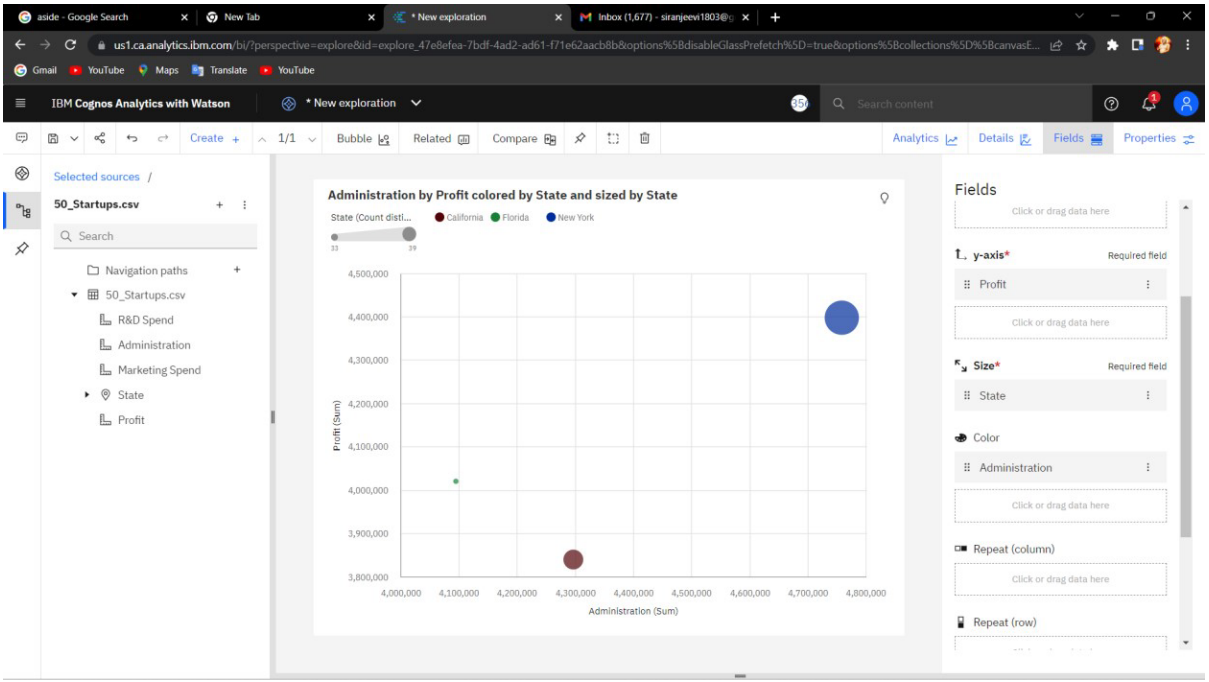
Hierarchy chart:



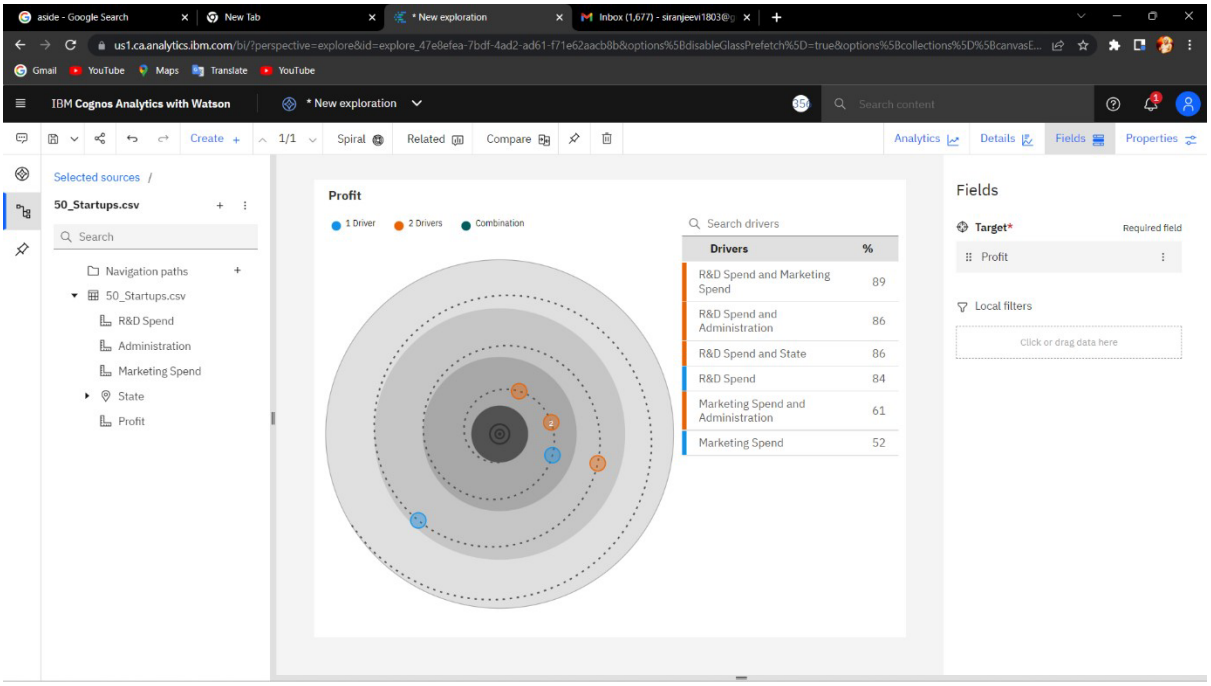
Waterfall:



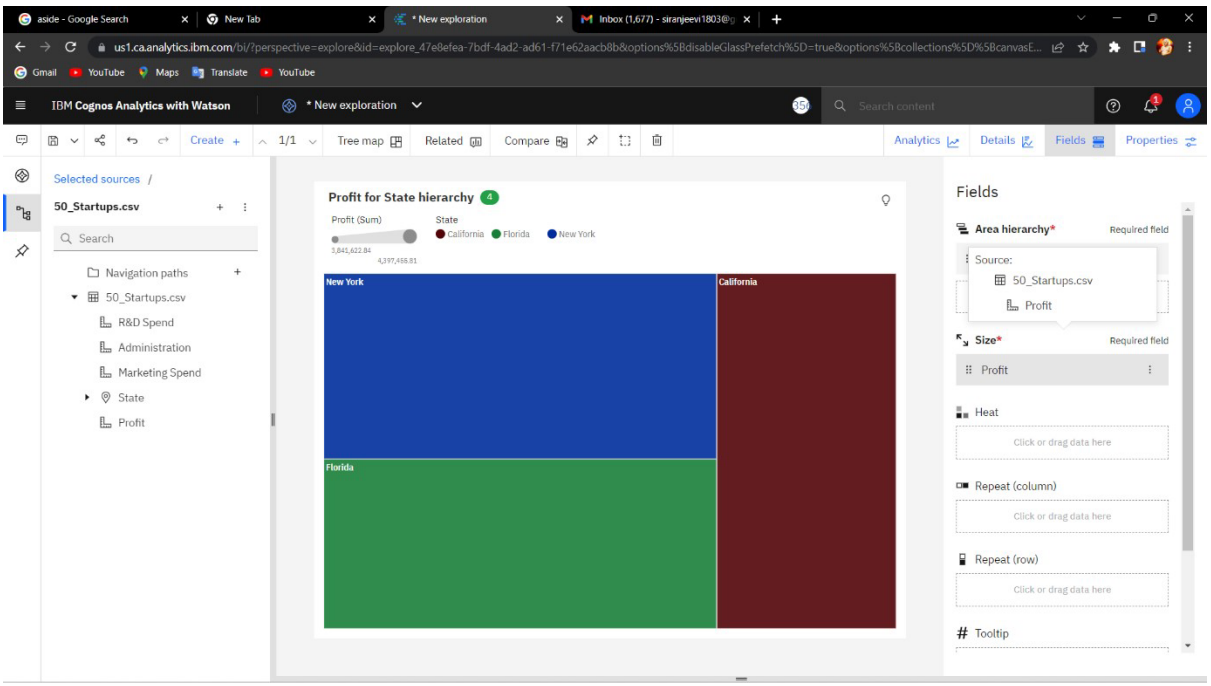
BUBBLE



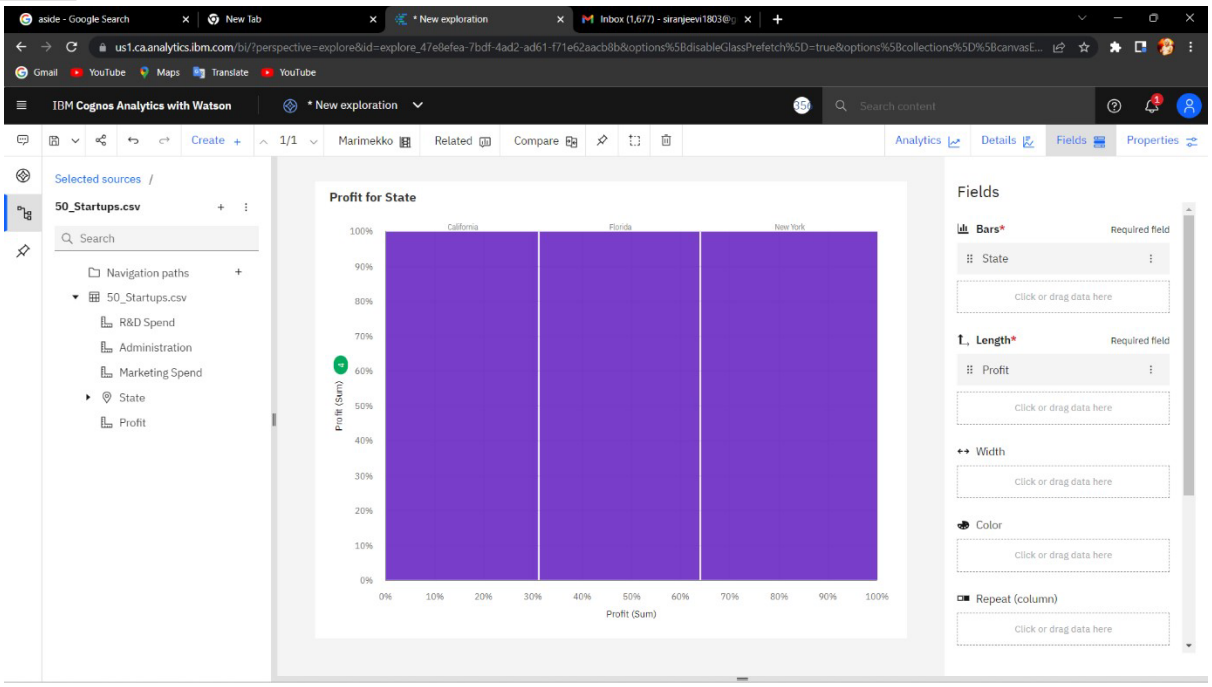
SPIRAL



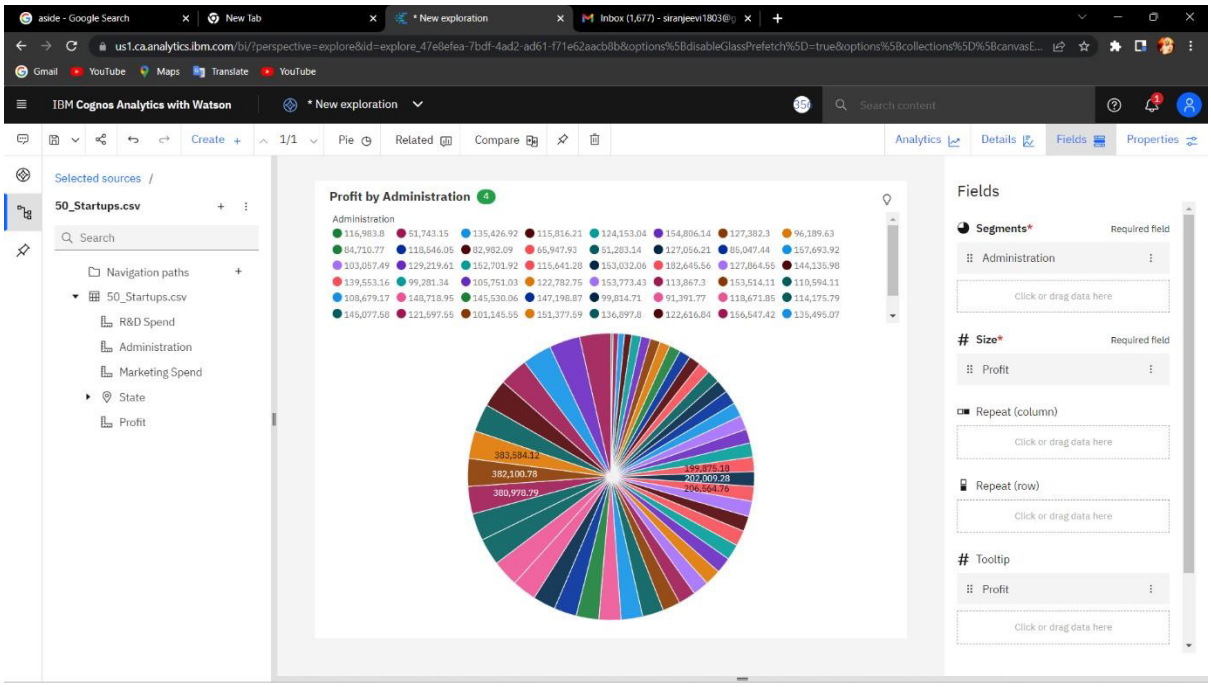
TREE MAP



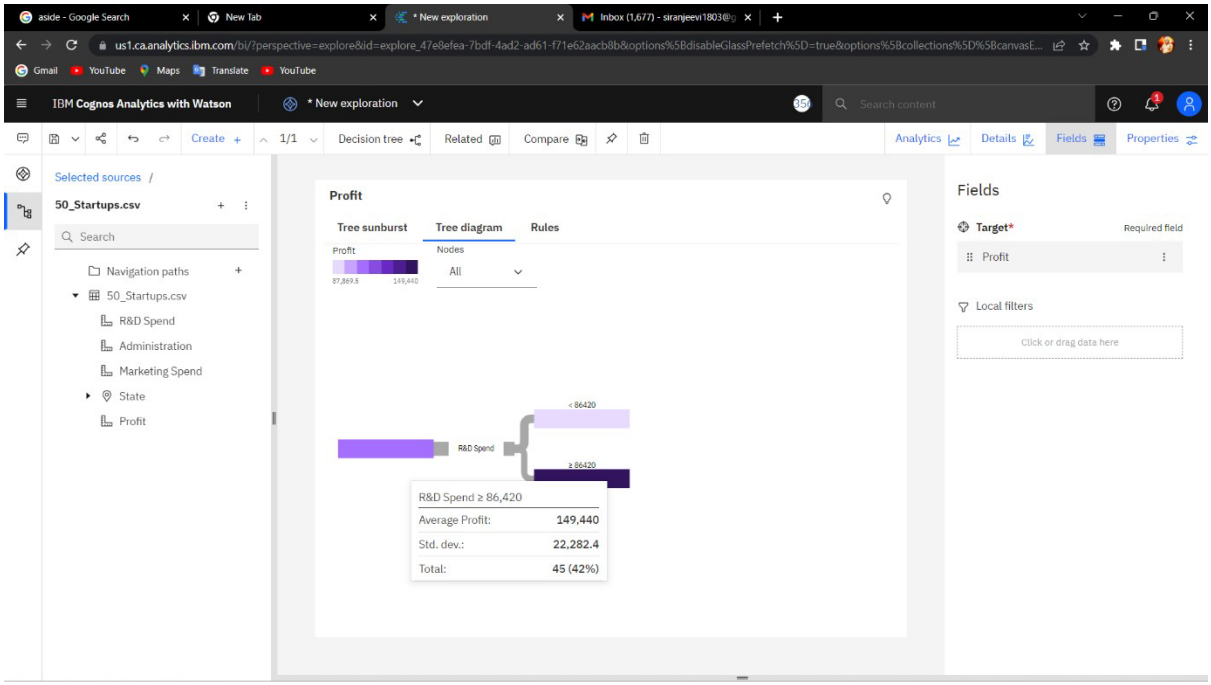
MARIMEKKO



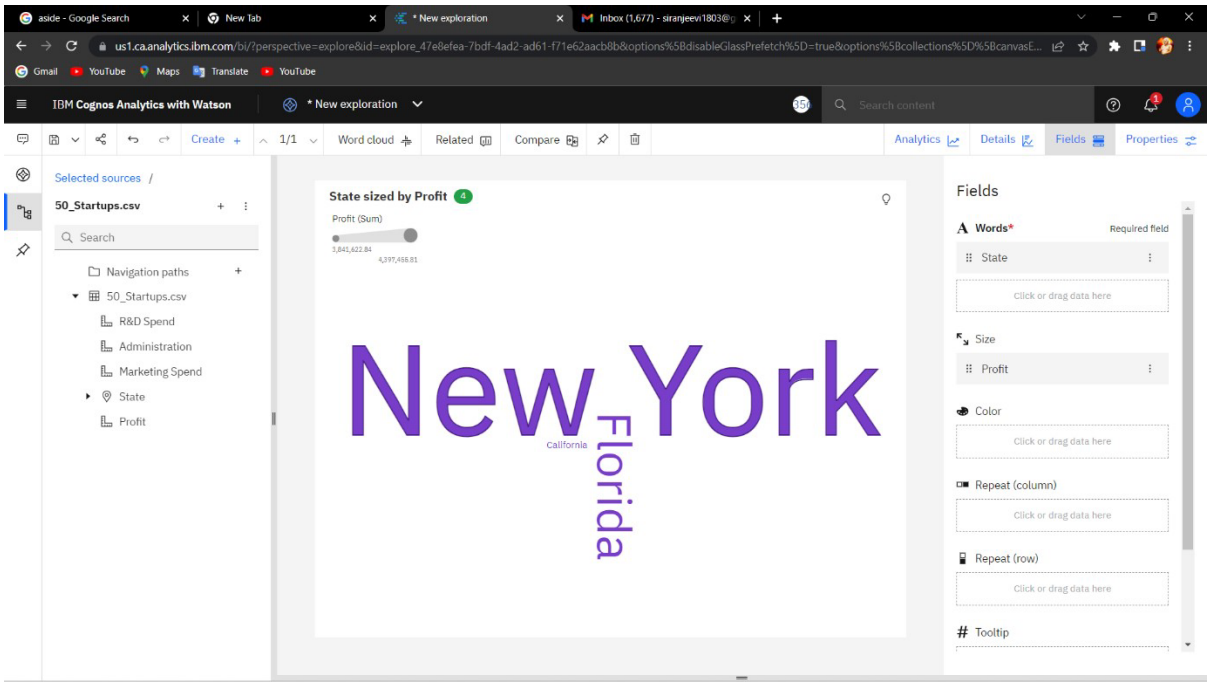
PIE CHART



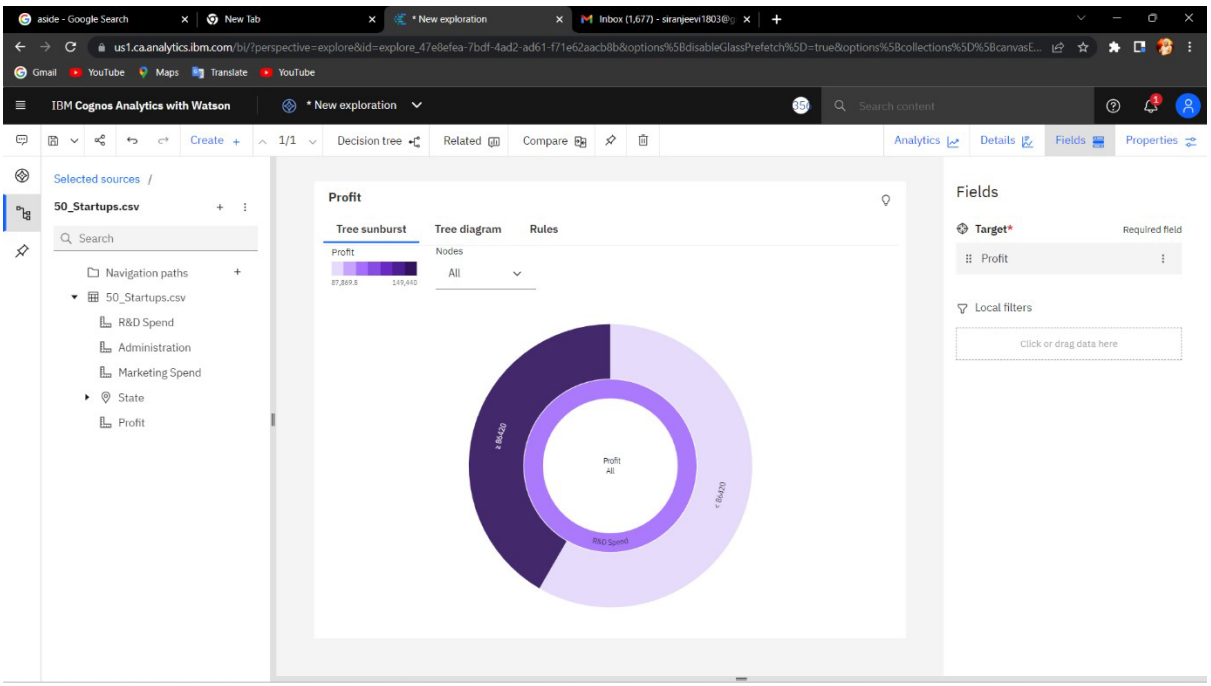
DECISION TREE



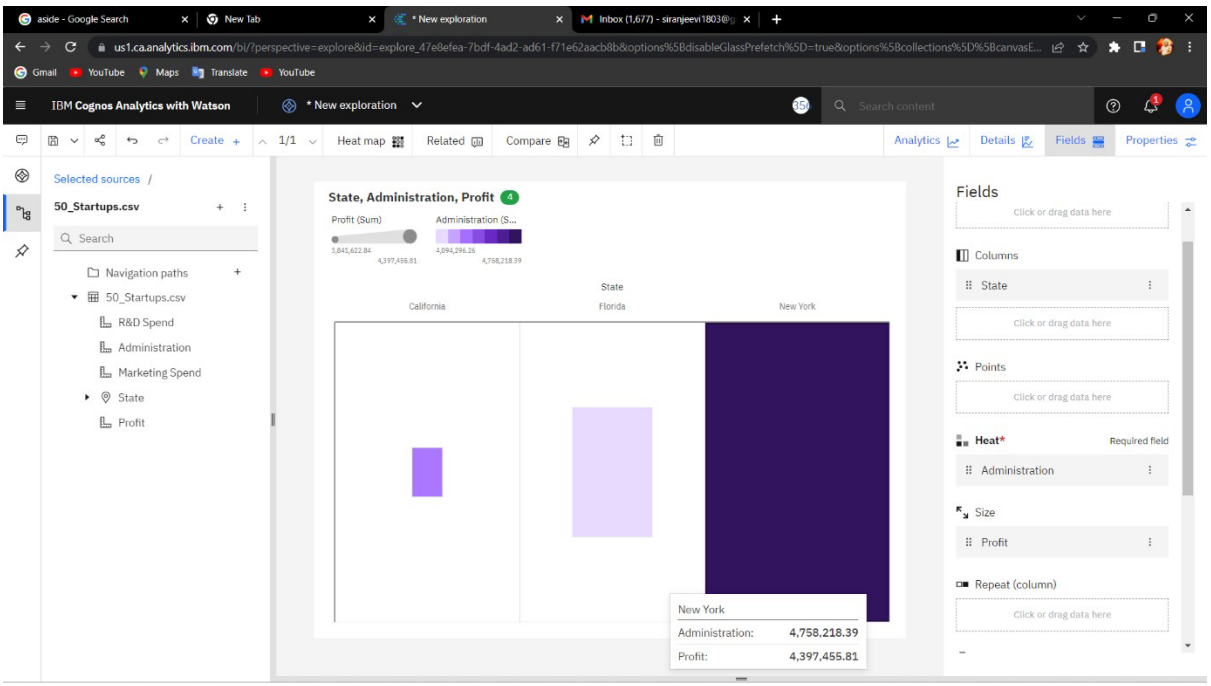
WORD CLOUD



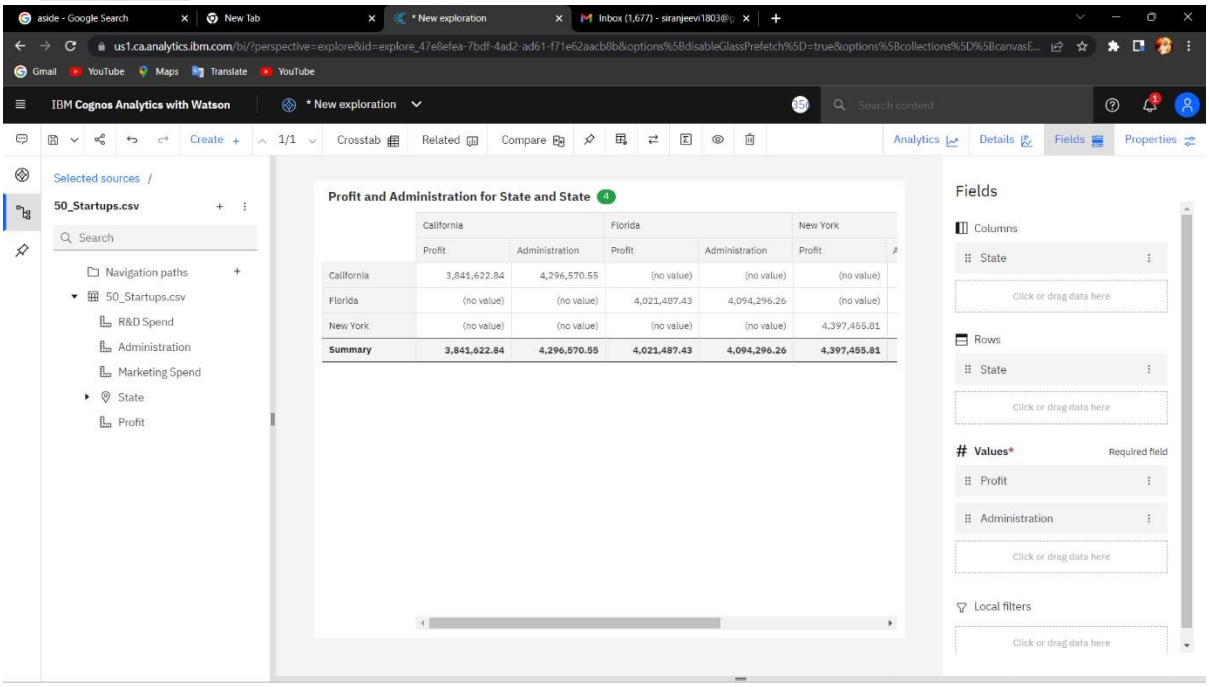
DECISION TREE


IBM Cognos Analytics with Watson
* New exploration
Create
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
Profit
Profit
Tree sunburst
Tree diagram
Rules
Nodes
All
Profit
All
Fields
Target*
Required field
Profit
Local filters
Click or drag data here

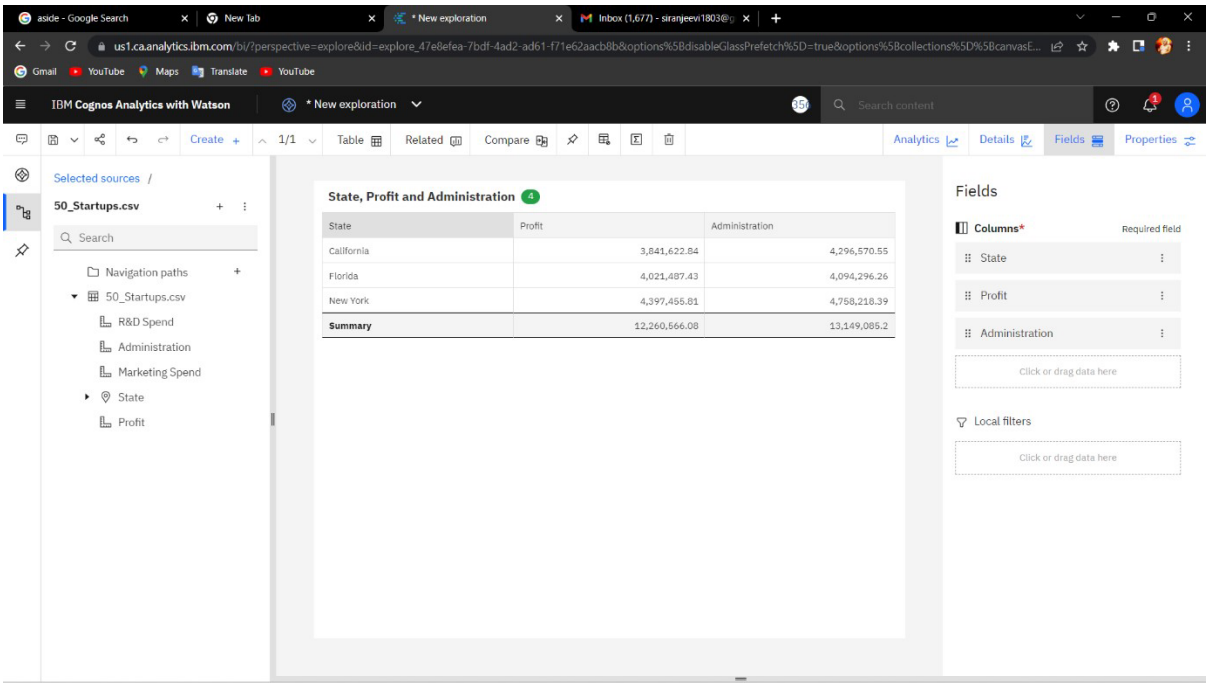
HEAT MAP


IBM Cognos Analytics with Watson
* New exploration
Create
1/1
Heat map
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
State, Administration, Profit
Profit (Sum)
Administration (S...
State
California
Florida
New York
New York
Administration: 4,758,218.39
Profit: 4,397,455.81
Fields
Click or drag data here
Columns
State
Points
Heat*
Required field
Administration
Size
Profit
Repeat (column)

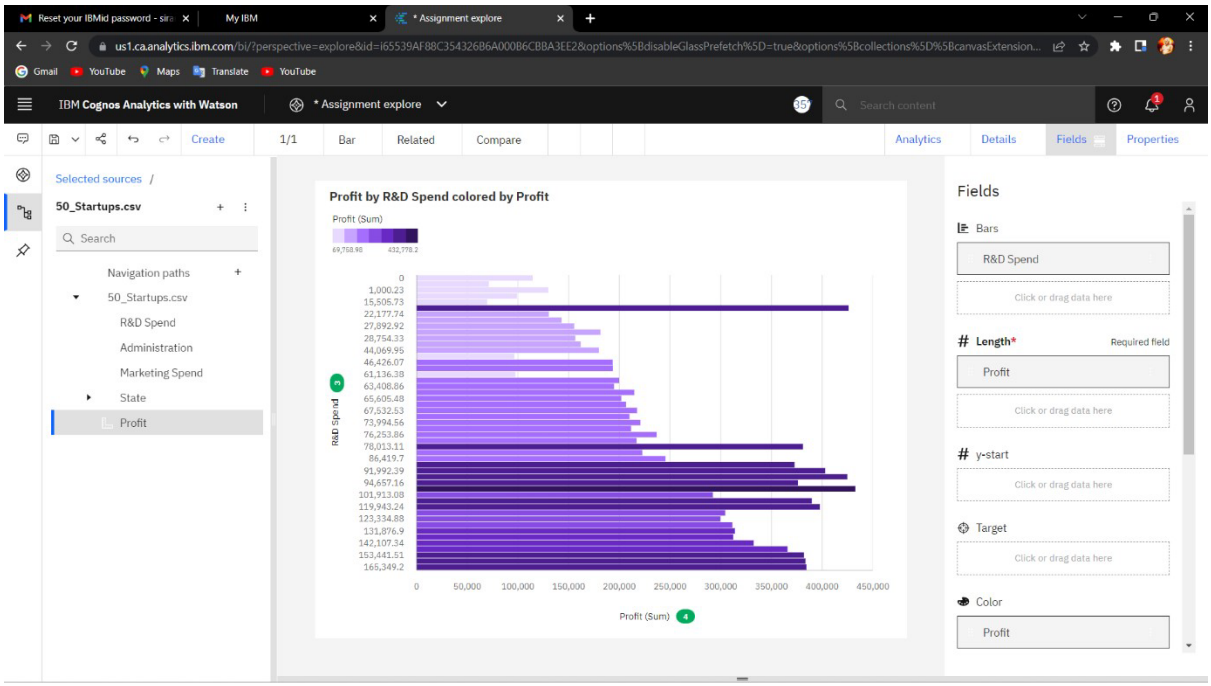
CROSSTAB


IBM Cognos Analytics with Watson
* New exploration
Create
1/1
Crosstab
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
Profit and Administration for State and State
California
Florida
New York
Profit
Administration
Profit
Administration
Profit
California 3,841,622.84 4,296,570.55 (no value) (no value) (no value)
Florida (no value) (no value) 4,021,487.43 4,094,296.26 (no value)
New York (no value) (no value) (no value) (no value) 4,397,455.81
Summary 3,841,622.84 4,296,570.55 4,021,487.43 4,094,296.26 4,397,455.81
Fields
Columns
State
Rows
State
Values*
Required field
Profit
Administration
Local filters
Click or drag data here

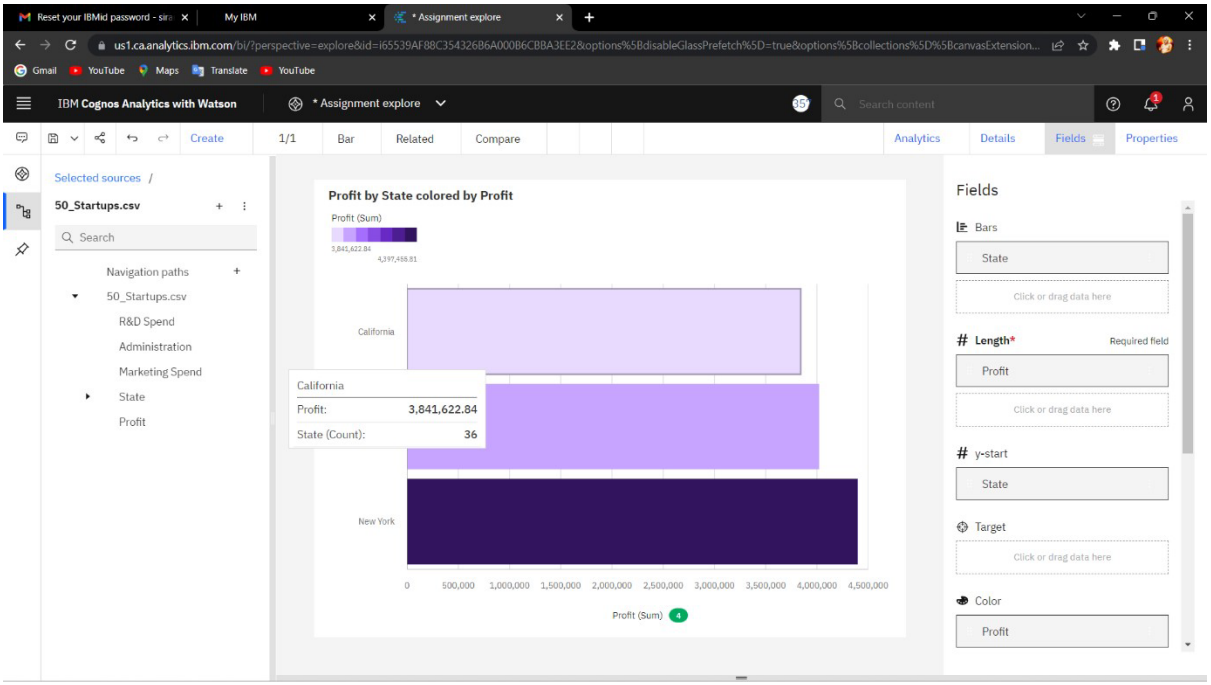
TABLE


IBM Cognos Analytics with Watson
* New exploration
Create
1/1
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
State, Profit and Administration
State
Profit
Administration
California
3,841,622.84
4,296,570.55
Florida
4,021,487.43
4,094,296.26
New York
4,397,455.81
4,758,218.39
Summary
12,260,566.08
13,149,085.2
Fields
Columns*
Required field
State
Profit
Administration
Click or drag data here
Local filters
Click or drag data here

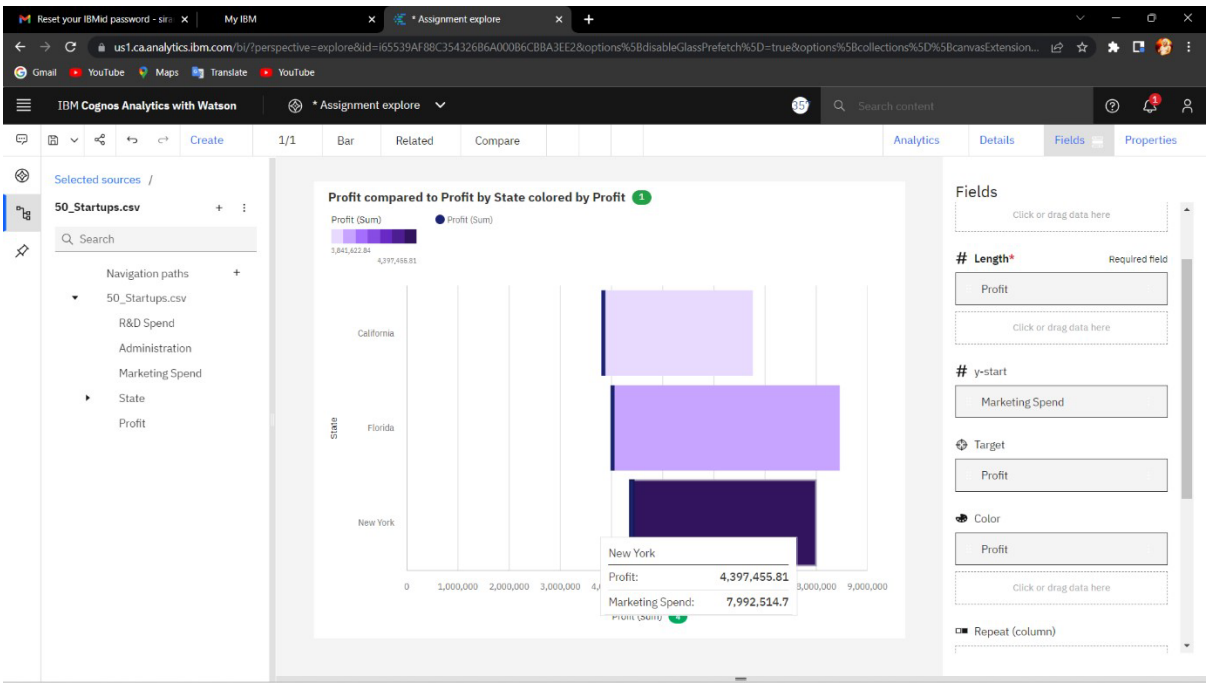
BAR


IBM Cognos Analytics with Watson
* Assignment explore
Create
1/1
Bar
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
Profit by R&D Spend colored by Profit
Profit (Sum)
R&D Spend
Profit (Sum)
Fields
Bars
R&D Spend
Click or drag data here
Length*
Required field
Profit
Click or drag data here
y-start
Click or drag data here
Target
Click or drag data here
Color
Profit

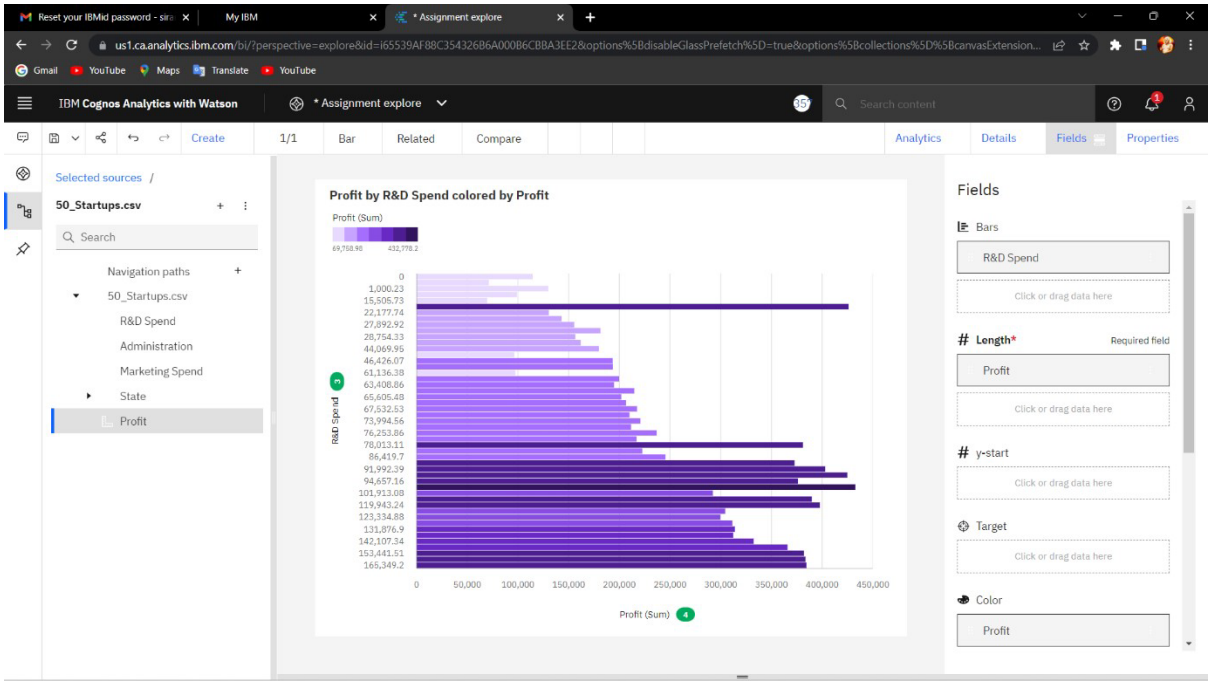
BAR(CALIFORNIA PROFIT)

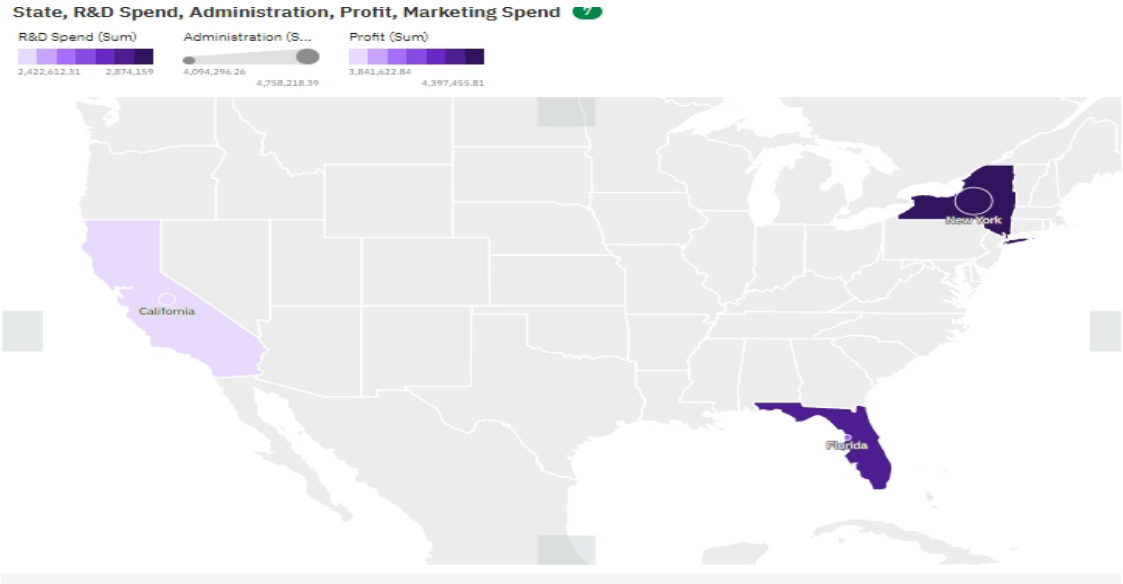


BAR(NEWYORK PROFIT)


Reset your IBMid password - sira
My IBM
* Assignment explore
us1.ca.analytics.ibm.com/bi/?perspective=explore&id=i65539AF88C354326B6A000B6CBBA3EE2&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasExtension...
Gmail
YouTube
Maps
Translate
YouTube
IBM Cognos Analytics with Watson
* Assignment explore
Search content
Create
1/1
Bar
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
Profit compared to Profit by State colored by Profit
Profit (Sum)
Profit (Sum)
California
Florida
New York
State
0
1,000,000
2,000,000
3,000,000
9,000,000
New York
Profit:
4,397,455.81
Marketing Spend:
7,992,514.7
Fields
Click or drag data here
Length*
Required field
Profit
Click or drag data here
y-start
Marketing Spend
Target
Profit
Color
Profit
Click or drag data here
Repeat (column)

BAR


Reset your IBMid password - sira
My IBM
* Assignment explore
us1.ca.analytics.ibm.com/bi/?perspective=explore&id=i65539AF88C354326B6A000B6CBBA3EE2&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasExtension...
Gmail
YouTube
Maps
Translate
YouTube
IBM Cognos Analytics with Watson
* Assignment explore
Search content
Create
1/1
Bar
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
Profit by R&D Spend colored by Profit
Profit (Sum)
R&D Spend
0
1,000.23
15,505.73
22,177.74
27,892.92
28,754.33
44,069.95
46,426.07
61,136.38
63,408.86
65,605.48
67,532.53
73,994.56
76,253.86
78,013.11
86,419.7
91,992.39
94,657.16
101,913.08
119,943.24
123,334.88
131,876.9
142,107.34
153,441.51
165,349.2
0
50,000
100,000
150,000
200,000
250,000
300,000
350,000
400,000
450,000
Profit (Sum)
Fields
Bars
R&D Spend
Click or drag data here
Length*
Required field
Profit
Click or drag data here
y-start
Click or drag data here
Target
Click or drag data here
Color
Profit

Point chart:

Map chart: