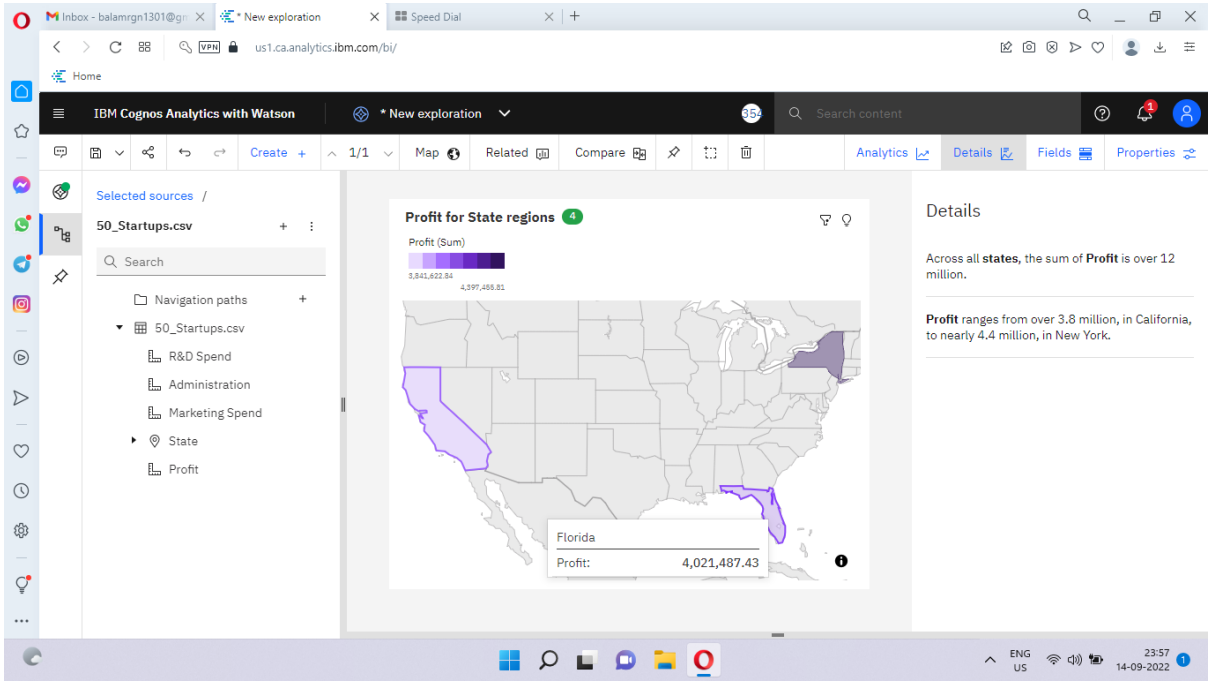
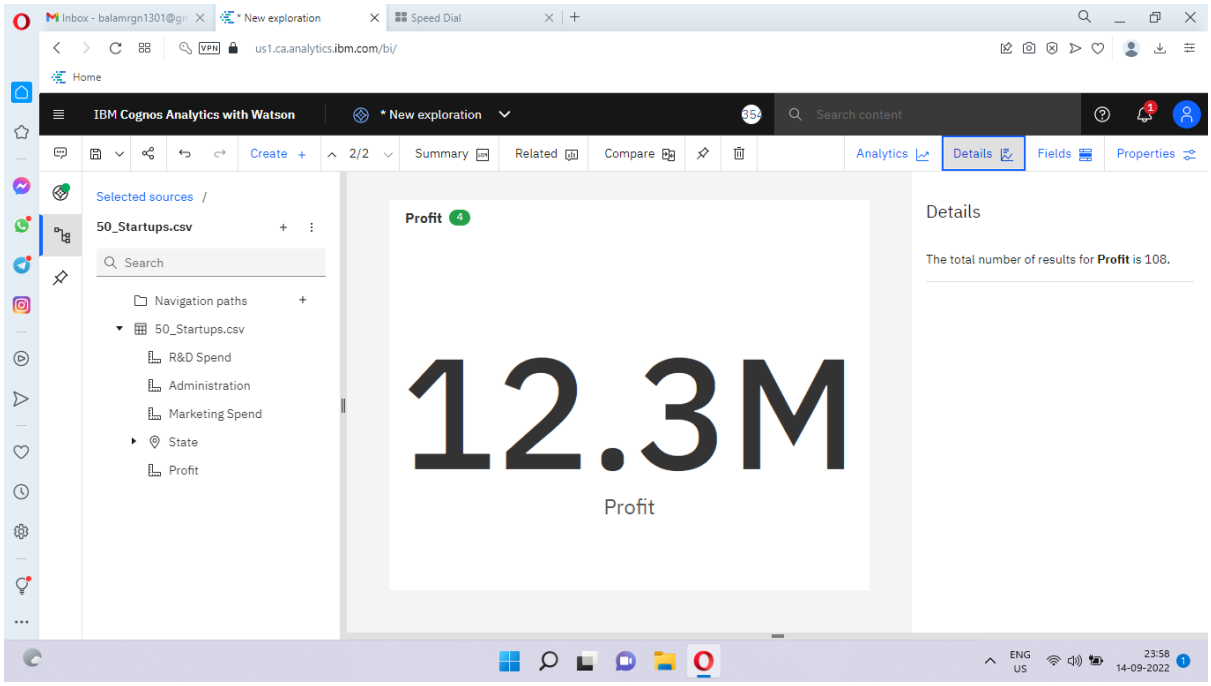
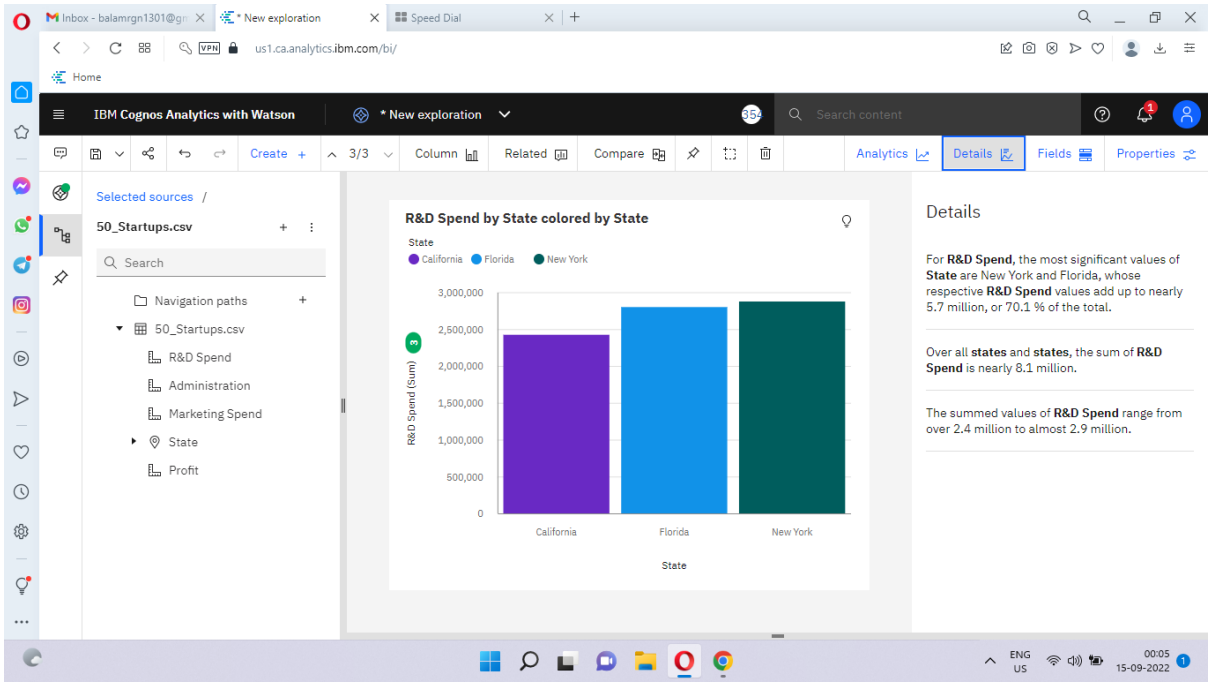
ASSIGNMENT-1

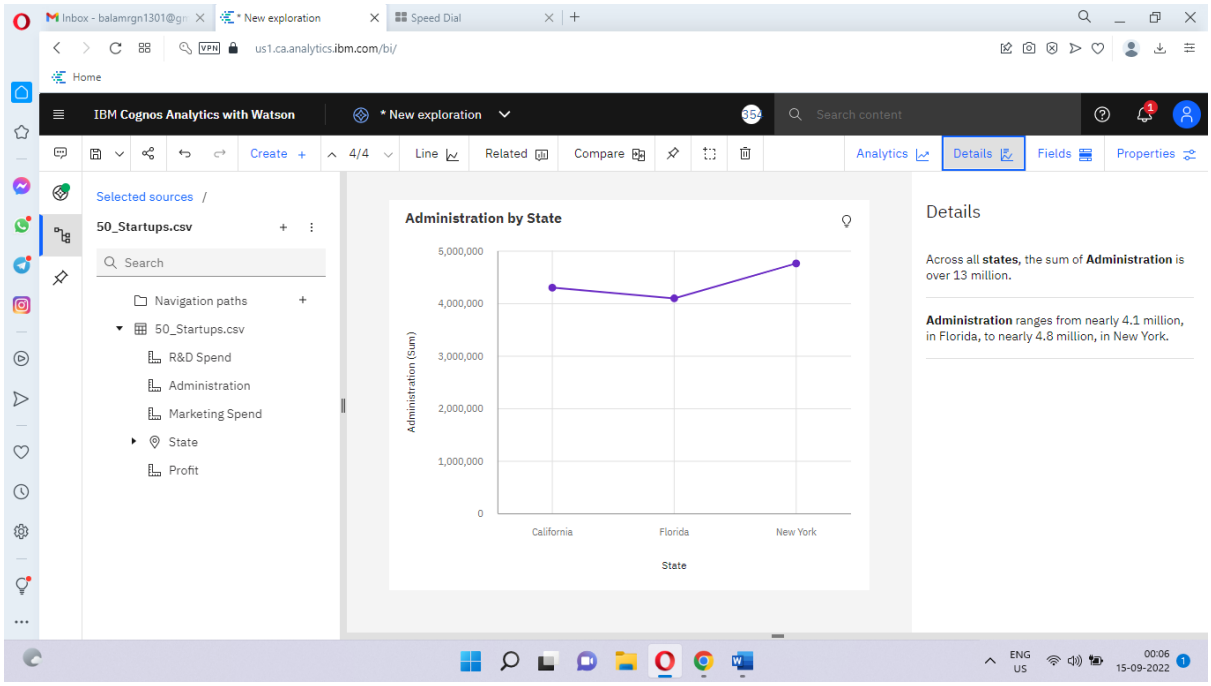
50 START-UP DATA SETS

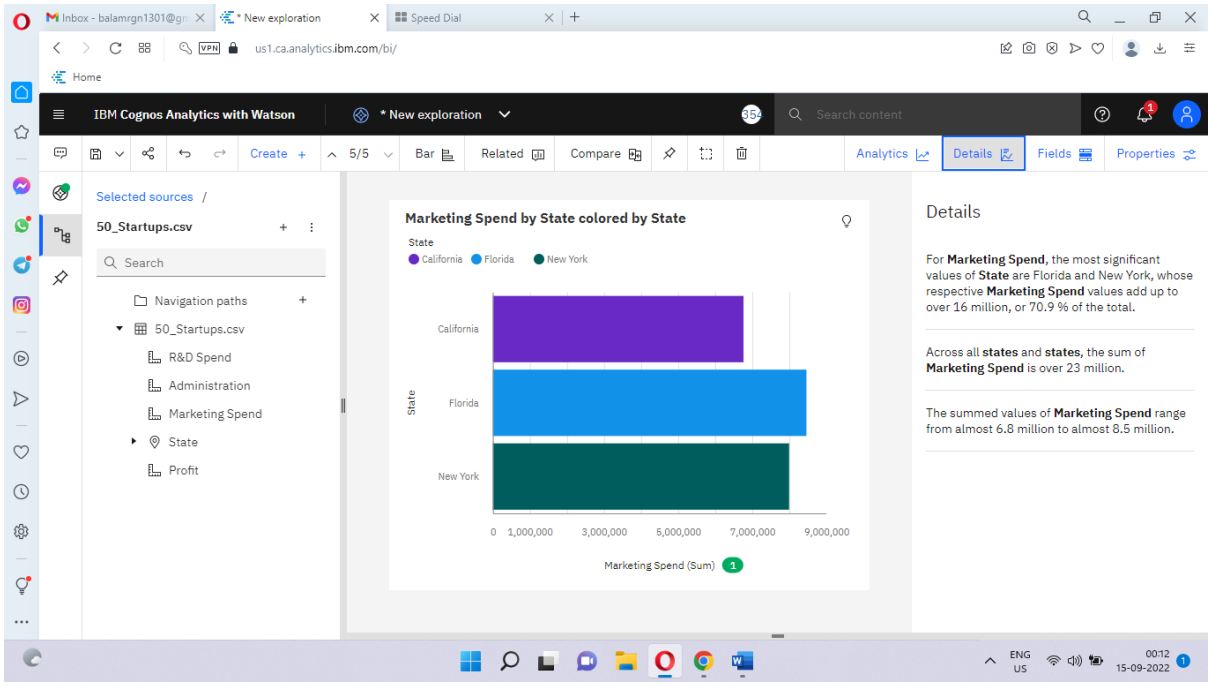
SCREENSHOTS:

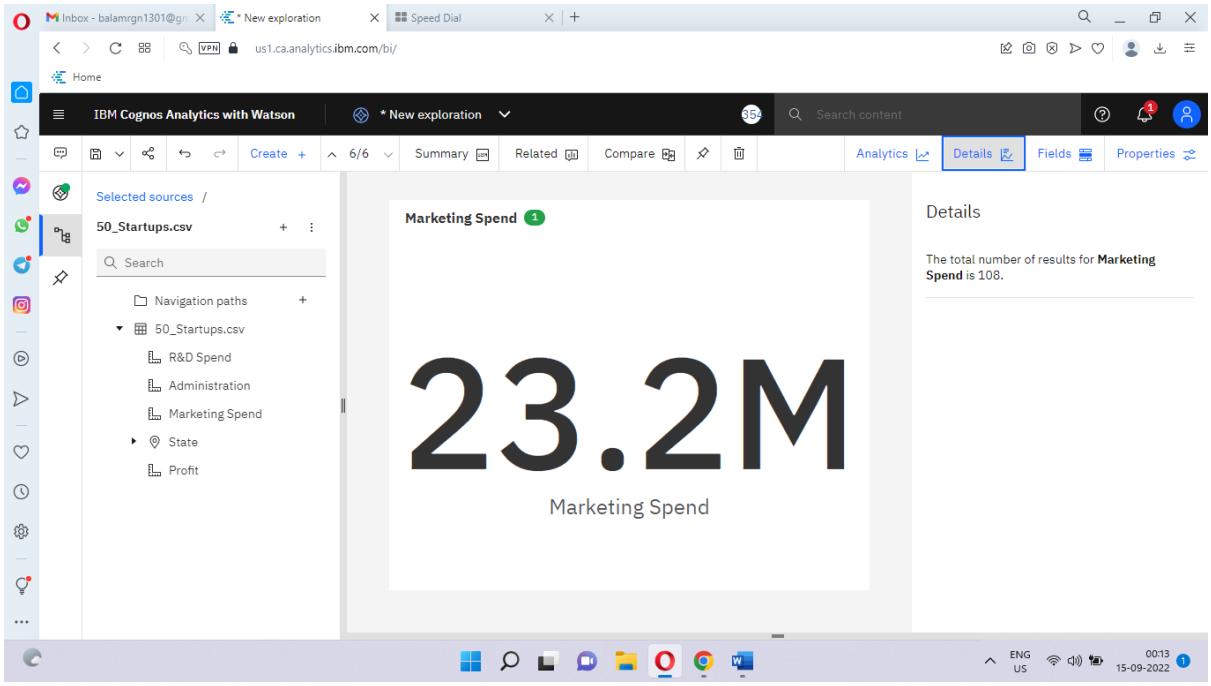


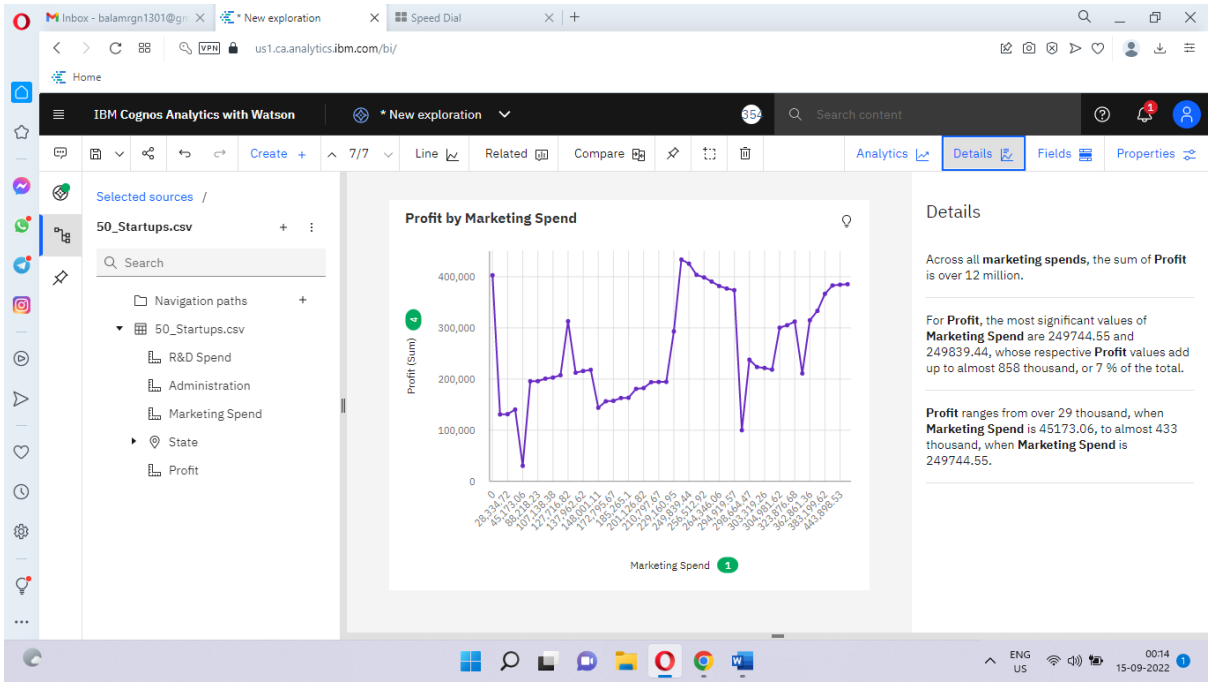

IBM Cognos Analytics with Watson
* New exploration
Create
2/2
Summary
Related
Compare
Analytics
Details
Fields
Properties
Selected sources
50_Startups.csv
Search
Navigation paths
50_Startups.csv
R&D Spend
Administration
Marketing Spend
State
Profit
Profit
12.3M
Profit
Details
The total number of results for Profit is 108.

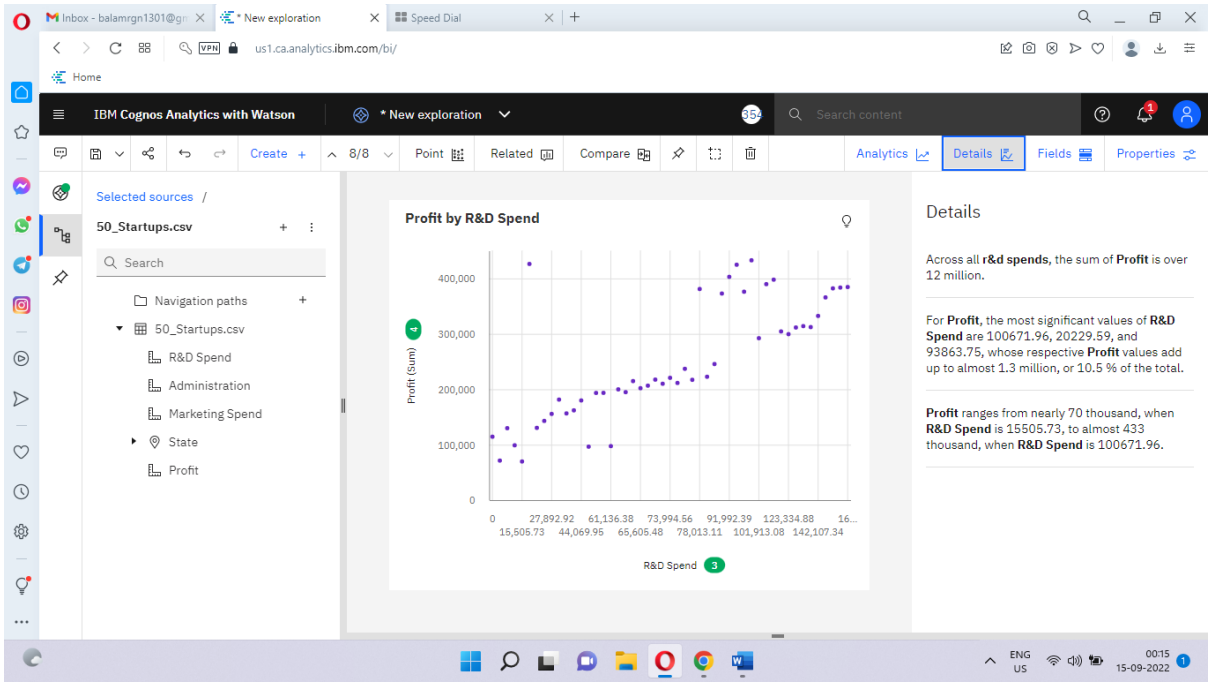

IBM Cognos Analytics with Watson
* New exploration
Create
3/3
Column
Related
Compare
Analytics
Details
Fields
Properties
Selected sources
50_Startups.csv
Search
Navigation paths
50_Startups.csv
R&D Spend
Administration
Marketing Spend
State
Profit
R&D Spend by State colored by State
State
California
Florida
New York
3,000,000
2,500,000
2,000,000
1,500,000
1,000,000
500,000
0
R&D Spend (Sum)
California
Florida
New York
State
Details
For R&D Spend, the most significant values of State are New York and Florida, whose respective R&D Spend values add up to nearly 5.7 million, or 70.1 % of the total.
Over all states and states, the sum of R&D Spend is nearly 8.1 million.
The summed values of R&D Spend range from over 2.4 million to almost 2.9 million.

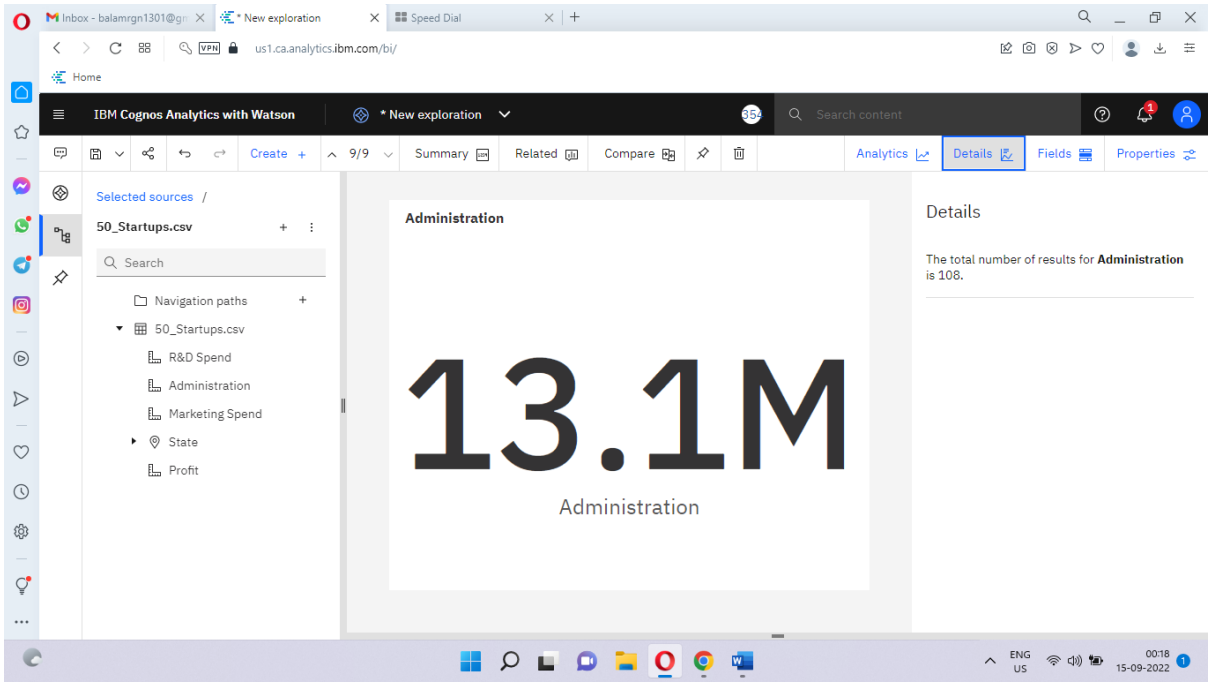

IBM Cognos Analytics with Watson
* New exploration
Create
4/4
Line
Related
Compare
Analytics
Details
Fields
Properties
Selected sources
50_Startups.csv
Search
Navigation paths
50_Startups.csv
R&D Spend
Administration
Marketing Spend
State
Profit
Administration by State
5,000,000
4,000,000
3,000,000
2,000,000
1,000,000
0
Administration (Sum)
California
Florida
New York
State
Details
Across all states, the sum of Administration is over 13 million.
Administration ranges from nearly 4.1 million, in Florida, to nearly 4.8 million, in New York.

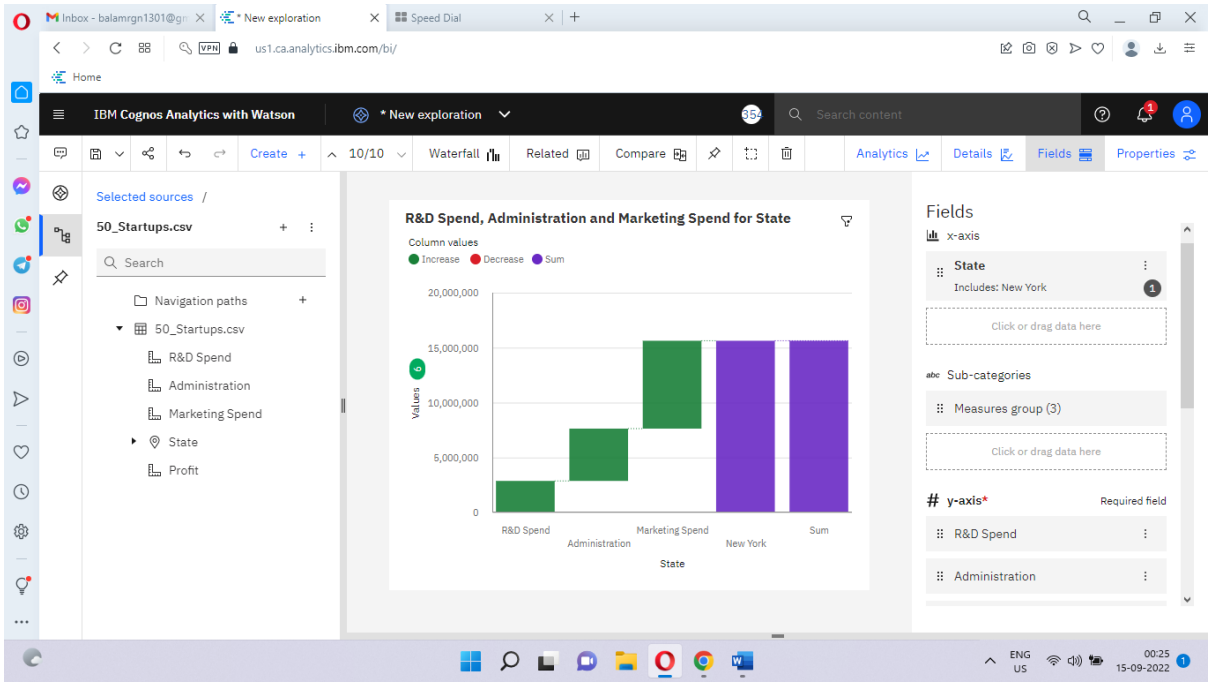

IBM Cognos Analytics with Watson
* New exploration
Create
5/5
Bar
Related
Compare
Analytics
Details
Fields
Properties
Selected sources
50_Startups.csv
Search
Navigation paths
50_Startups.csv
R&D Spend
Administration
Marketing Spend
State
Profit
Marketing Spend by State colored by State
State
California
Florida
New York
California
Florida
New York
State
0
1,000,000
3,000,000
5,000,000
7,000,000
9,000,000
Marketing Spend (Sum)
Details
For Marketing Spend, the most significant values of State are Florida and New York, whose respective Marketing Spend values add up to over 16 million, or 70.9 % of the total.
Across all states and states, the sum of Marketing Spend is over 23 million.
The summed values of Marketing Spend range from almost 6.8 million to almost 8.5 million.

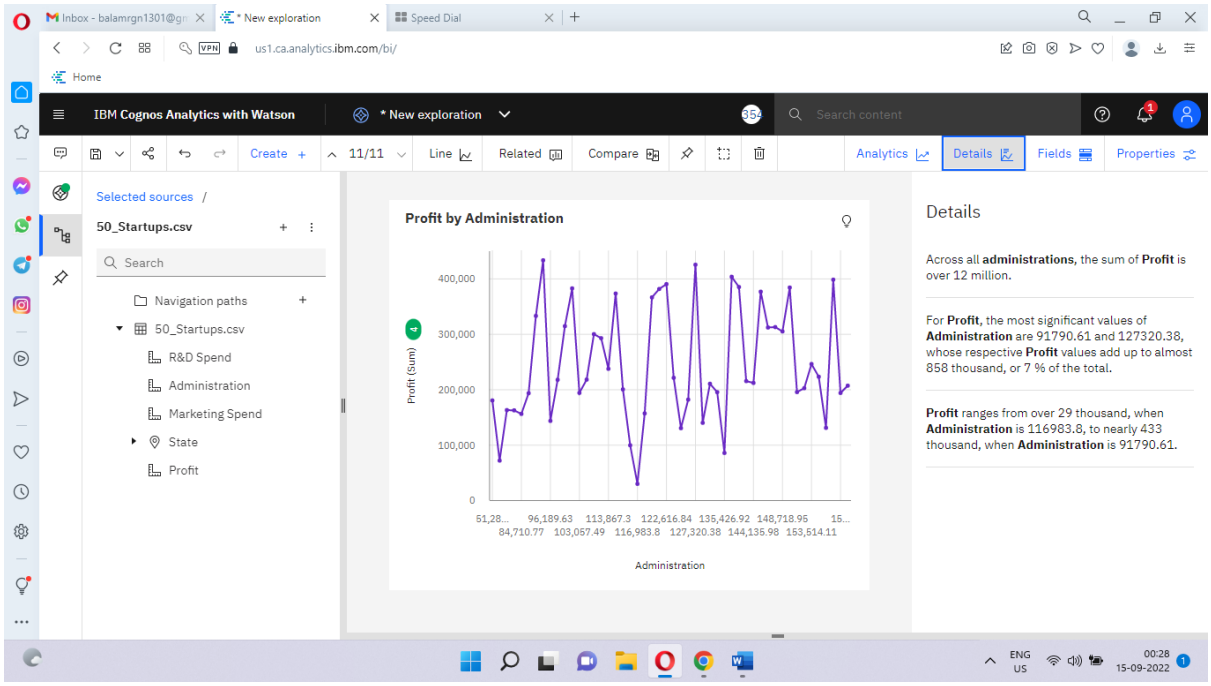

IBM Cognos Analytics with Watson
* New exploration
Search content
Create
6/6
Summary
Related
Compare
Analytics
Details
Fields
Properties
Selected sources
50_Startups.csv
Search
Navigation paths
50_Startups.csv
R&D Spend
Administration
Marketing Spend
State
Profit
Marketing Spend
23.2M
Marketing Spend
Details
The total number of results for Marketing Spend is 108.

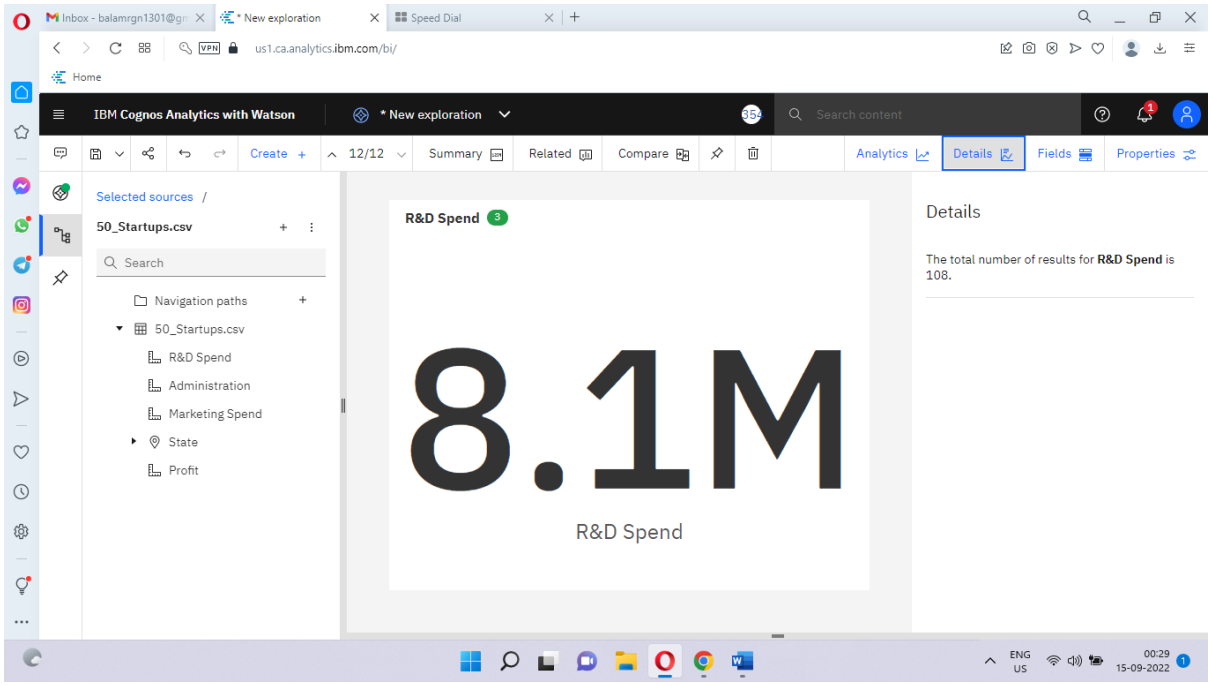

IBM Cognos Analytics with Watson
* New exploration
Search content
Create
7/7
Line
Related
Compare
Analytics
Details
Fields
Properties
Selected sources
50_Startups.csv
Search
Navigation paths
50_Startups.csv
R&D Spend
Administration
Marketing Spend
State
Profit
Profit by Marketing Spend
Profit (Sum)
400,000
300,000
200,000
100,000
0
Marketing Spend
Details
Across all marketing spends, the sum of Profit is over 12 million.
For Profit, the most significant values of Marketing Spend are 249744.55 and 249839.44, whose respective Profit values add up to almost 858 thousand, or 7 % of the total.
Profit ranges from over 29 thousand, when Marketing Spend is 45173.06, to almost 433 thousand, when Marketing Spend is 249744.55.

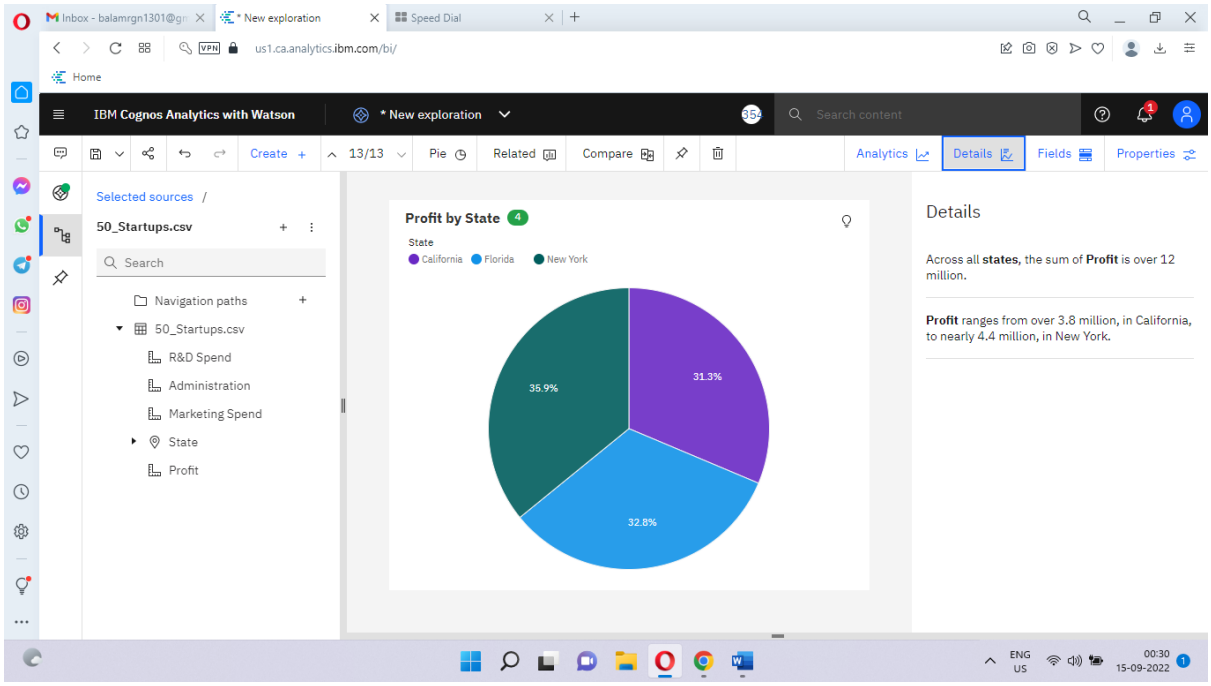

IBM Cognos Analytics with Watson
* New exploration
Create
8/8
Point
Related
Compare
Analytics
Details
Fields
Properties
Selected sources
50_Startups.csv
Search
Navigation paths
50_Startups.csv
R&D Spend
Administration
Marketing Spend
State
Profit
Profit by R&D Spend
Profit (Sum)
400,000
300,000
200,000
100,000
0
0
27,892.92
61,136.38
73,994.56
91,992.39
123,334.88
15,505.73
44,069.95
65,605.48
78,013.11
101,913.08
142,107.34
R&D Spend
3
Details
Across all r&d spends, the sum of Profit is over 12 million.
For Profit, the most significant values of R&D Spend are 100671.96, 20229.59, and 93863.75, whose respective Profit values add up to almost 1.3 million, or 10.5 % of the total.
Profit ranges from nearly 70 thousand, when R&D Spend is 15505.73, to almost 433 thousand, when R&D Spend is 100671.96.

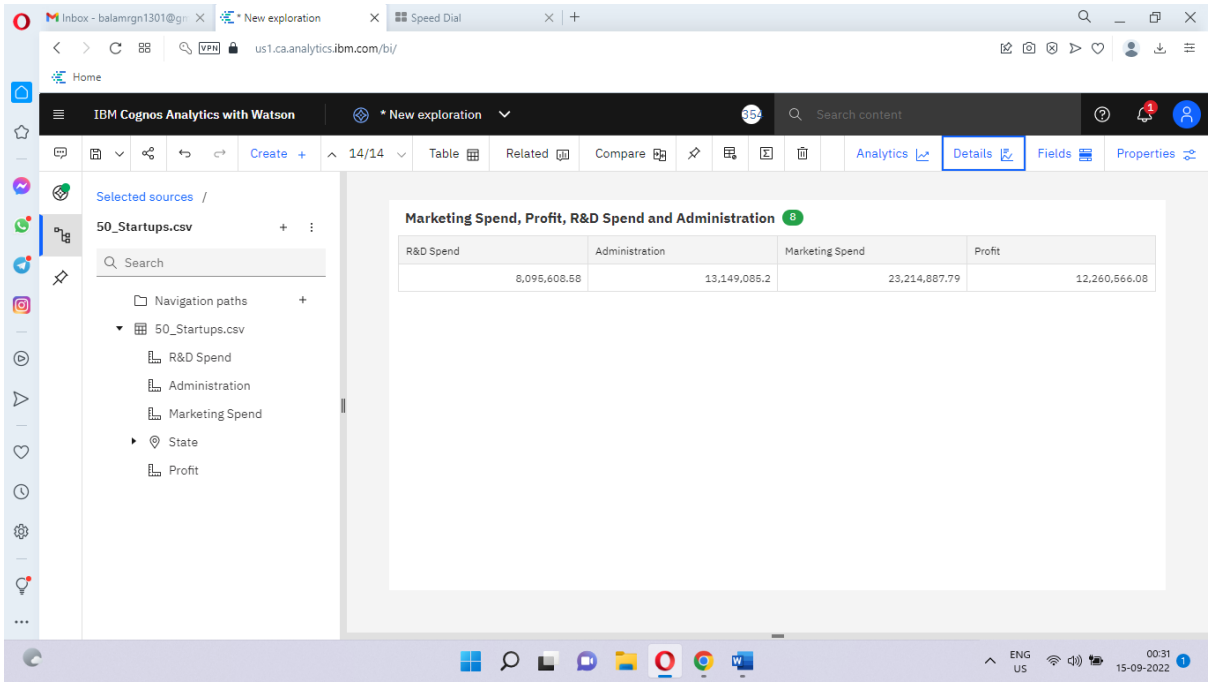

IBM Cognos Analytics with Watson
* New exploration
Create
9/9
Summary
Related
Compare
Analytics
Details
Fields
Properties
Selected sources
50_Startups.csv
Search
Navigation paths
50_Startups.csv
R&D Spend
Administration
Marketing Spend
State
Profit
Administration
13.1M
Administration
Details
The total number of results for Administration is 108.

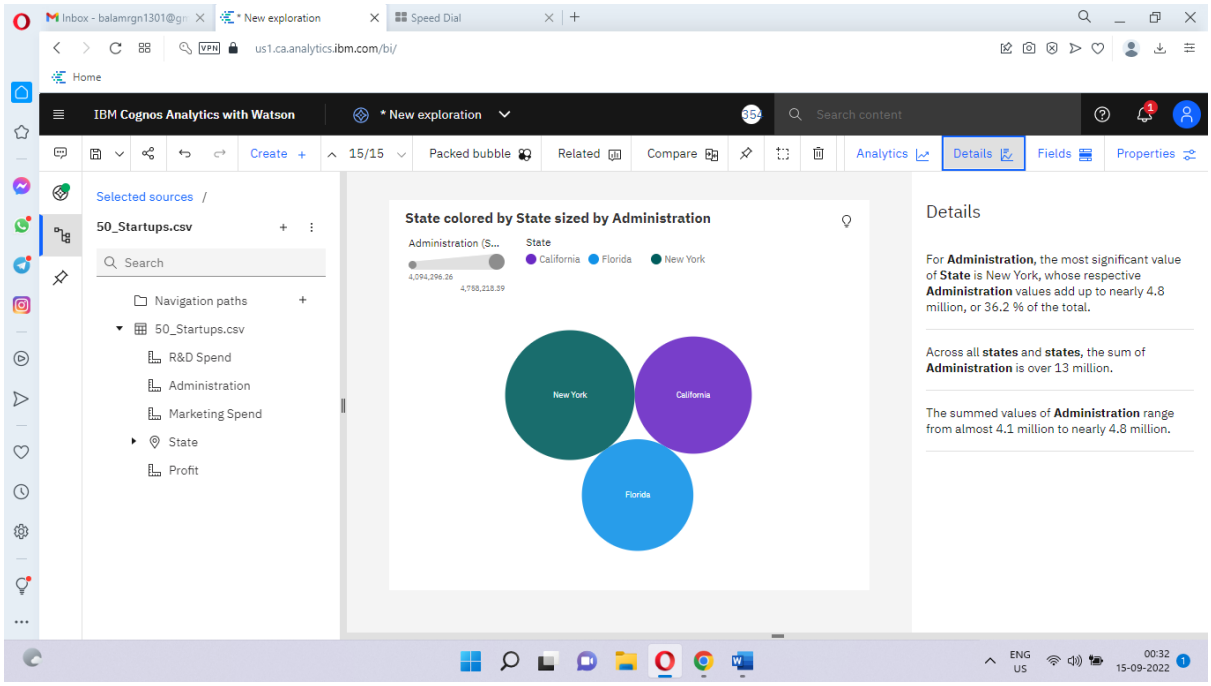

IBM Cognos Analytics with Watson
* New exploration
Create
10/10
Waterfall
Related
Compare
Analytics
Details
Fields
Properties
Selected sources
50_Startups.csv
Search
Navigation paths
50_Startups.csv
R&D Spend
Administration
Marketing Spend
State
Profit
R&D Spend, Administration and Marketing Spend for State
Column values
Increase
Decrease
Sum
20,000,000
15,000,000
10,000,000
5,000,000
0
Values
R&D Spend
Administration
Marketing Spend
New York
Sum
State
Fields
x-axis
State
Includes: New York
Click or drag data here
Sub-categories
Measures group (3)
Click or drag data here
y-axis*
Required field
R&D Spend
Administration


IBM Cognos Analytics with Watson
* New exploration
Create
11/11
Line
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 Administration
400,000
300,000
200,000
100,000
0
Profit (Sum)
51,28...
96,189.63
113,867.3
122,616.84
135,426.92
148,718.95
15...
84,710.77
103,057.49
116,983.8
127,320.38
144,135.98
153,514.11
Administration
Details
Across all administrations, the sum of Profit is over 12 million.
For Profit, the most significant values of Administration are 91790.61 and 127320.38, whose respective Profit values add up to almost 858 thousand, or 7 % of the total.
Profit ranges from over 29 thousand, when Administration is 116983.8, to nearly 433 thousand, when Administration is 91790.61.


IBM Cognos Analytics with Watson
* New exploration
Create
12/12
Summary
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
R&D Spend 3
8.1M
R&D Spend
Details
The total number of results for R&D Spend is 108.


IBM Cognos Analytics with Watson
* New exploration
Create
13/13
Pie
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 State 4
State
California
Florida
New York
31.3%
35.9%
32.8%
Details
Across all states, the sum of Profit is over 12 million.
Profit ranges from over 3.8 million, in California, to nearly 4.4 million, in New York.





LINK:

https://us1.ca.analytics.ibm.com/bi/?perspective=explore&pathRef=.my_folders%2FAssignment%2B1&subView=model000001833d60e2aa_00000004