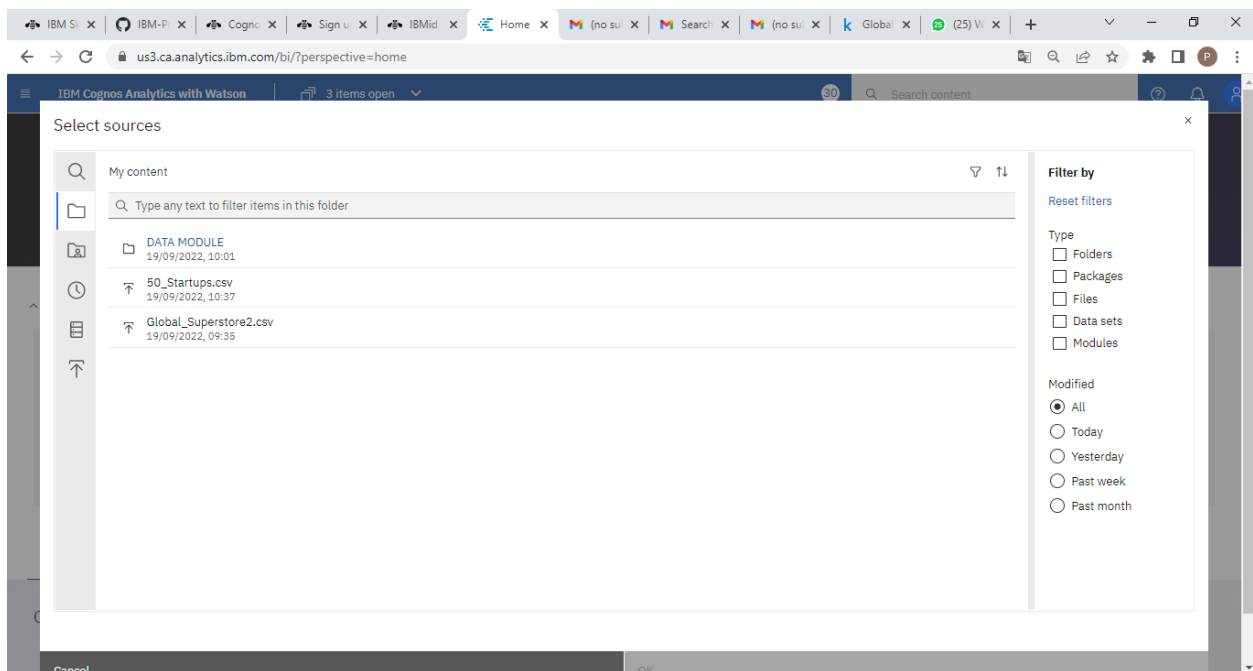
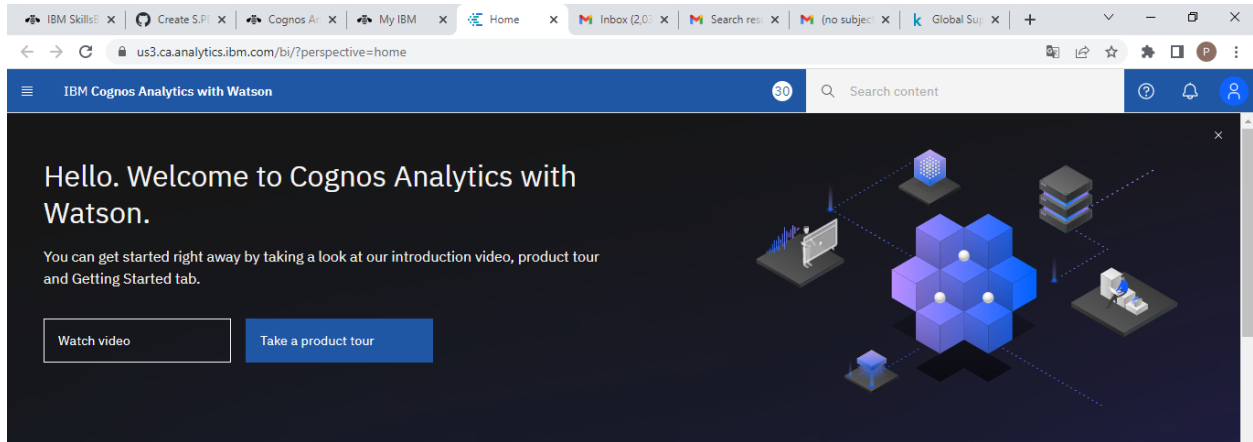


ASSIGNMENT 1

DATASET:50-STARTUP-DATASET

Upload the dataset to cognos Analytics explore and visualize the dataset



CLEAN THE DATA FOR ATTRIBUTE:

REPLACE NEW YORK WITH NULL VALUE

IBM Cognos Analytics with Watson

New data module

Search content

Properties

Search

New data module

Navigation paths

50_Startups.csv

Row Id

R&D Spend

Administration

Marketing Spend

State

Profit

Row Id	R&D Spend	Administration	Marketing Spend	State	Profit
1	165349.2	136897.8	471784.1	Null	192261.83
2	162597.7	151377.59	443898.53	California	191792.06
3	153441.51	101145.55	407934.54	Florida	191050.39
4	144372.41	118671.85	383199.62	Null	182901.99
5	142107.34	91391.77	366168.42	Florida	166187.94
6	131876.9	99814.71	362861.36	Null	156991.12
7	134615.46	147198.87	127716.82	California	156122.51
8	130298.13	145530.06	323876.68	Florida	155752.6
9	120542.52	148718.95	311613.29	Null	152211.77
10	123334.88	108679.17	304981.62	California	149759.96
11	101913.08	110594.11	229160.95	Florida	146121.95
12	100671.96	91790.61	249744.55	California	144259.4
13	93863.75	127320.38	249839.44	Florida	141585.52
14	91997.39	135495.07	252664.93	California	134307.35

AGAIN REPLACING NULL WITH LOS ANGELES

IBM Skills x IBM-Pro x Cognos x Sign up x IBMid x New x (no sub) x Search x (no sub) x Global S x

us3.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=2883278710_56870783f6a24b58a272a30940a001c3_sessionTemp&objRef=&tid=2883278710...

IBM Cognos Analytics with Watson New data module 30 Search content

Data module

Search

New data module

Navigation paths

50_Startups.csv

Row Id

R&D Spend

Administration

Marketing Spend

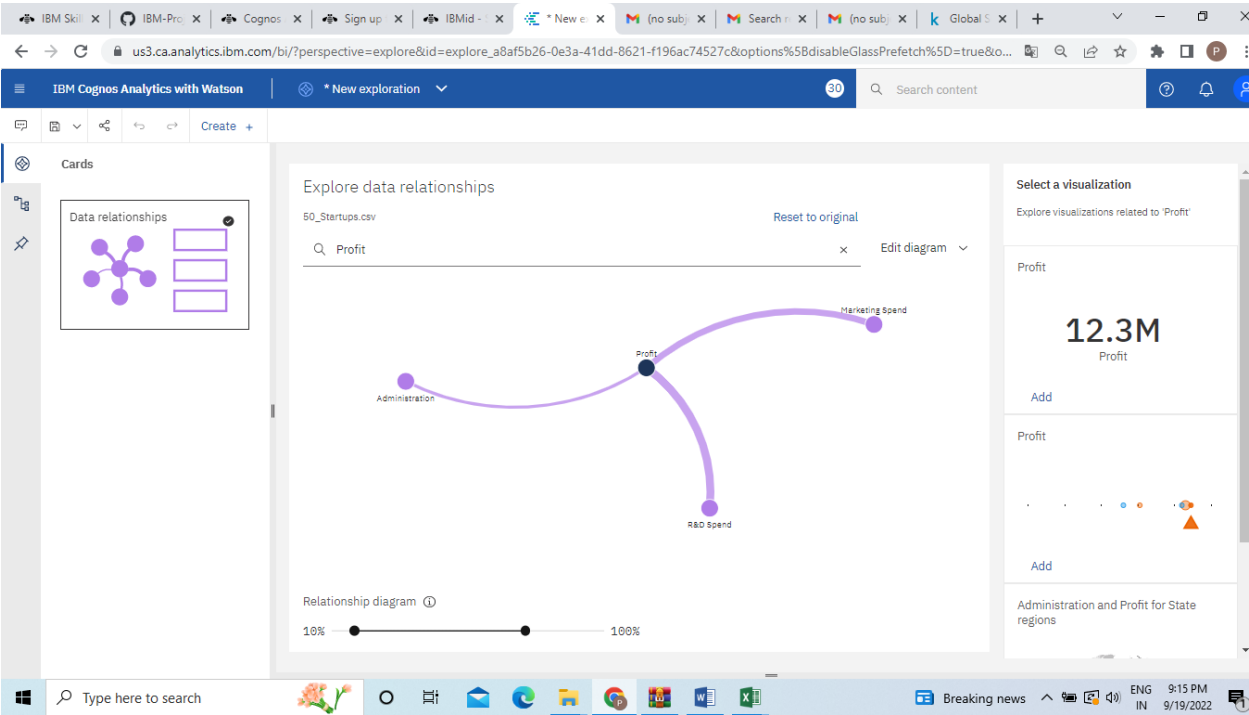
State

Profit

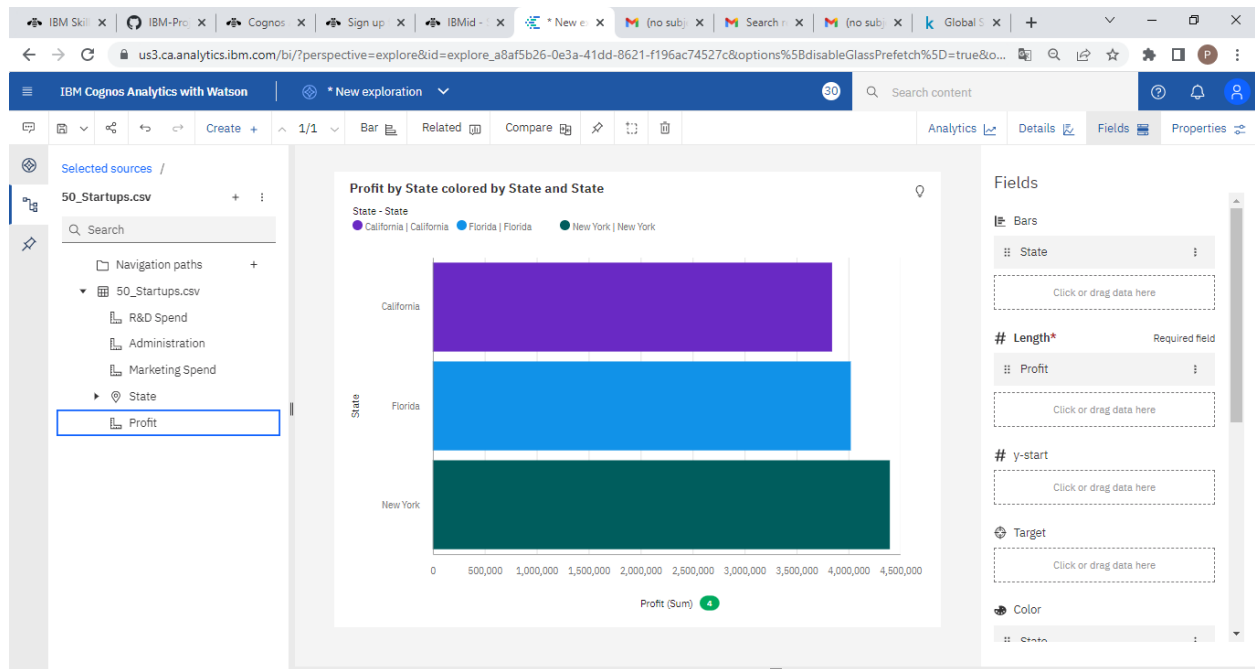
Grid Relationships Custom tables

Row Id	R&D Spend	Administration	Marketing Spend	State	Profit
1	165349.2	136897.8	471784.1	Los Angeles	192261.83
2	162597.7	151377.59	443898.53	California	191792.06
3	153441.51	101145.55	407934.54	Florida	191050.39
4	144372.41	118671.85	383199.62	Los Angeles	182901.99
5	142107.34	91391.77	366168.42	Florida	166187.94
6	131876.9	99814.71	362861.36	Los Angeles	156991.12
7	134615.46	147198.87	127716.82	California	156122.51
8	130298.13	145530.06	323876.68	Florida	155752.6
9	120542.52	148718.95	311613.29	Los Angeles	152211.77
10	123334.88	108679.17	304981.62	California	149759.96
11	101913.08	110594.11	229160.95	Florida	146121.95
12	100671.96	91790.61	249744.55	California	144259.4
13	93863.75	127320.38	249839.44	Florida	141585.52
14	91997.39	135495.07	252664.93	California	134307.35

DATA EXPLORATION



VISUALIZATION BAR GRAPH:



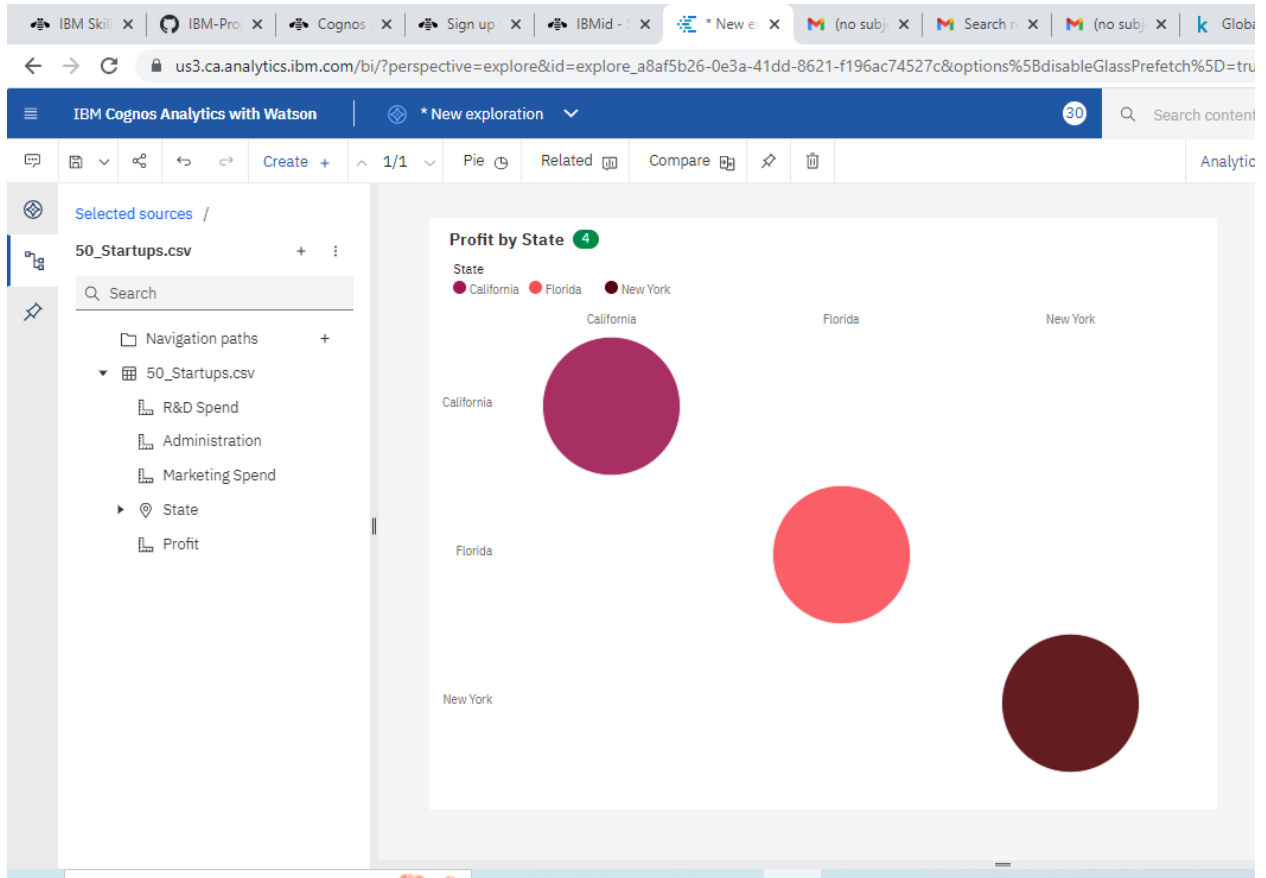
For **Profit**, the most significant value of **State - State** is New York|New York, whose respective **Profit** values add up to almost 4.4 million, or 35.9 % of the total.

Across all **states** and **state - states**, the sum of **Profit** is over 12 million.

For **Profit**, the most significant value of **State** is New York, whose respective **Profit** values add up to nearly 4.4 million, or 35.9 % of the total.

The summed values of **Profit** range from over 3.8 million to almost 4.4 million.

PIE CHART

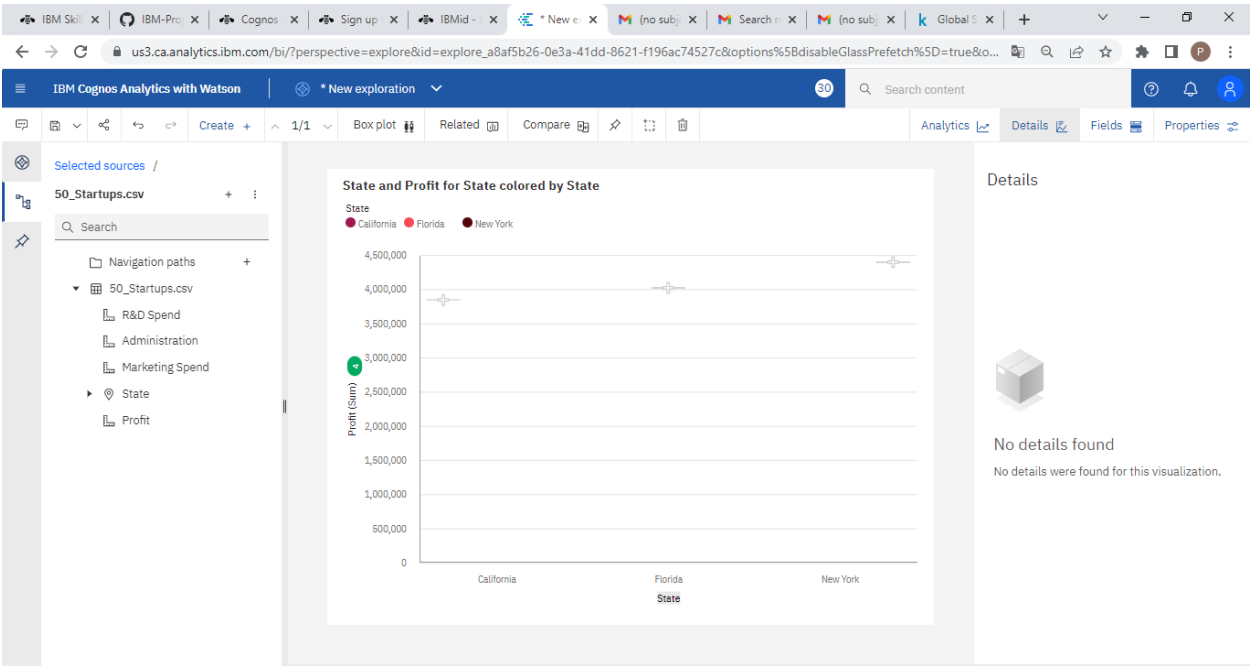


For **Profit**, the most significant value of **State** is New York, whose respective **Profit** values add up to nearly 4.4 million, or 35.9 % of the total.

Across all **states**, **states**, and **states**, the sum of **Profit** is over 12 million.

The summed values of **Profit** range from over 3.8 million to almost 4.4 million.

BOX PLOT:



CROSS TAB:

Profit and State for State and State

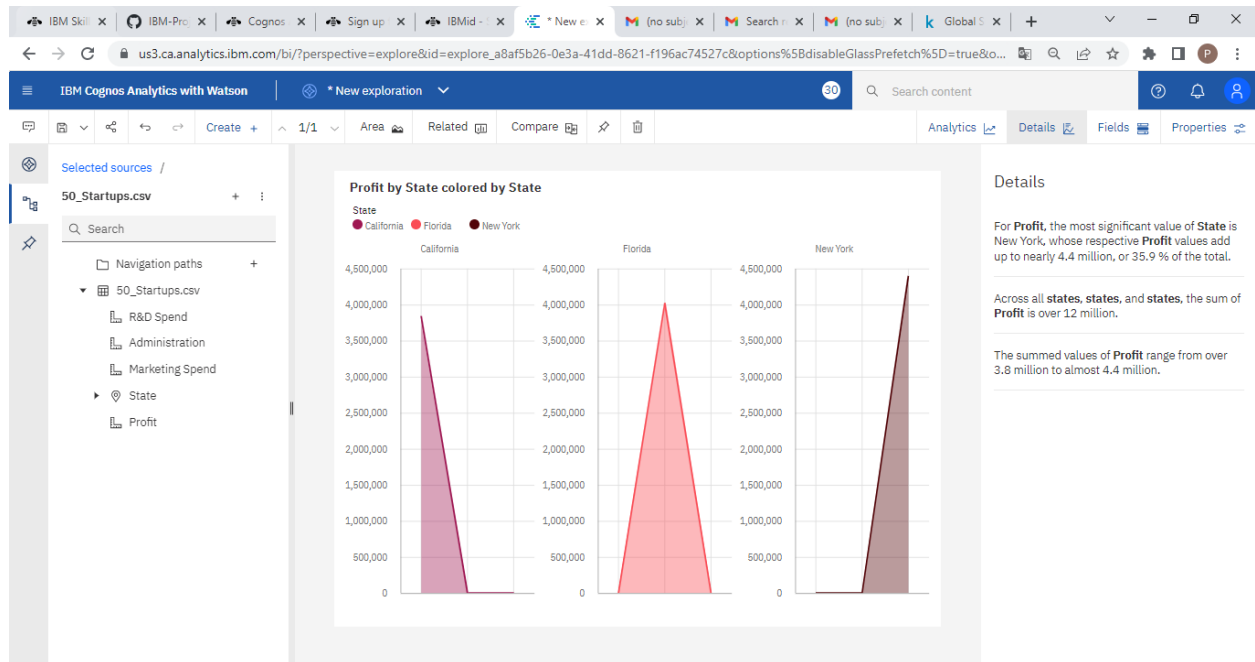
	California		Florida		New York
	Profit	State	Profit	State	Profit
California	3,841,622.84	36	(no value)	(no value)	(no value)
Florida	(no value)	(no value)	4,021,487.43	33	(no value)
New York	(no value)	(no value)	(no value)	(no value)	4,397,455.81
Summary	3,841,622.84	36	4,021,487.43	33	4,397,455.81

Details

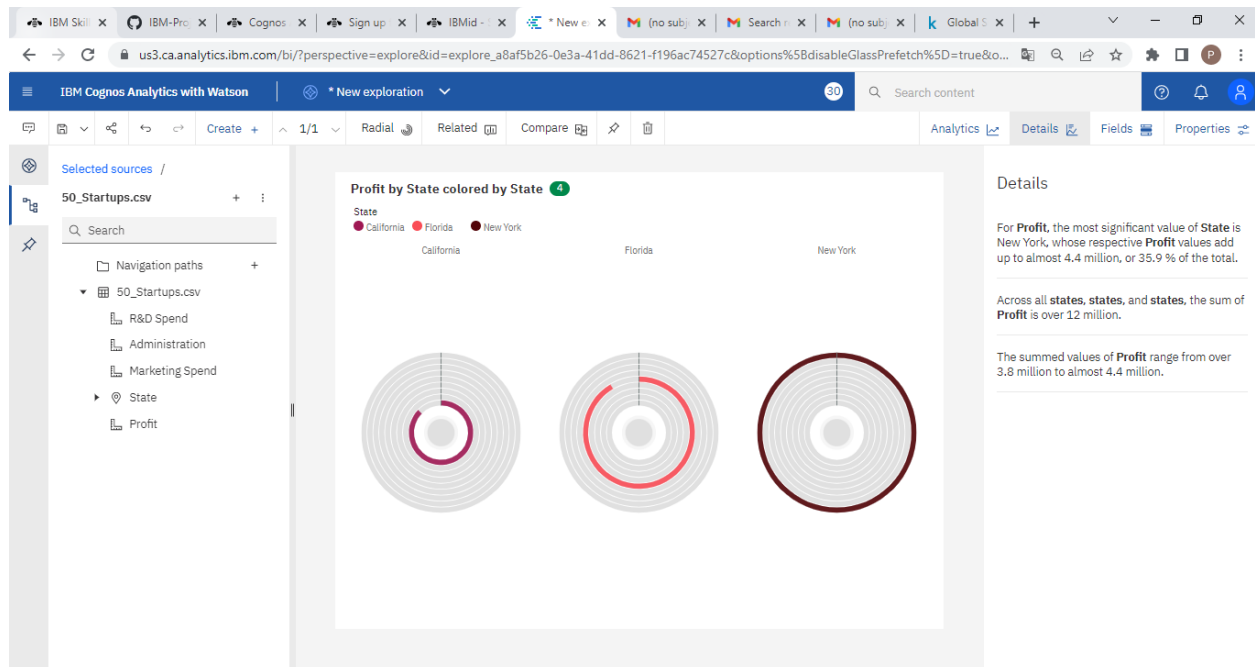
Over all states, the sum of Profit is 0.

The total number of results for State, across all states, is 3.

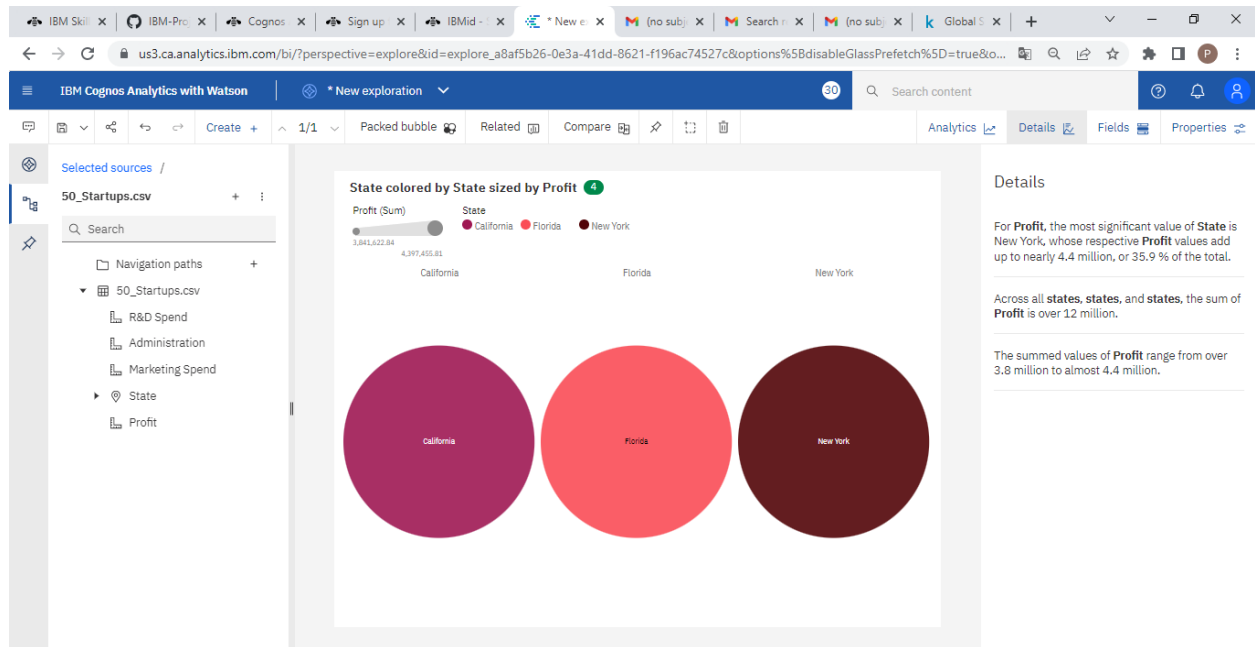
AREA:



RADIAL:



PACKED BUBBLE:



LINE GRAPH:

