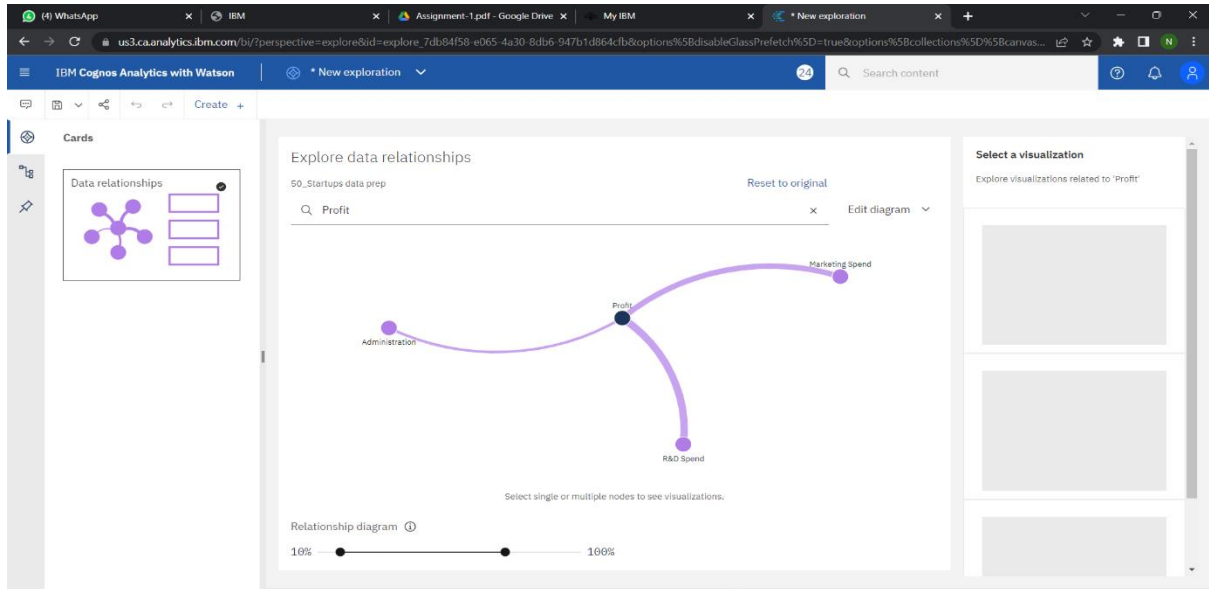


ASSIGNMENT 1

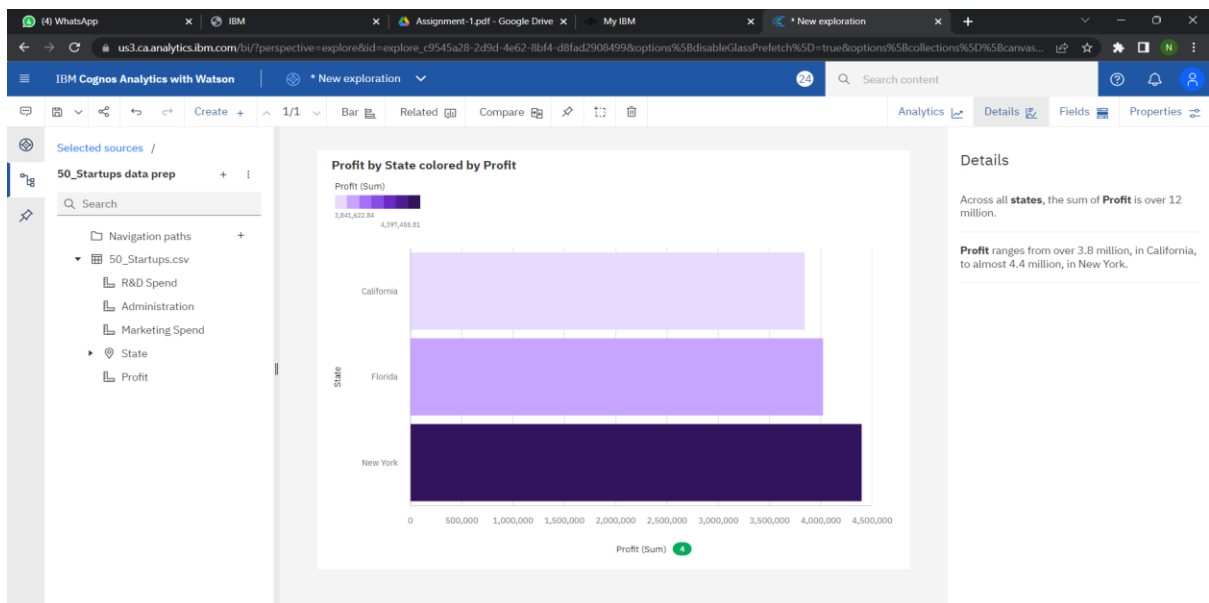
NAME	Subramanyam Shashikumar Ayyar
TEAM ID	PNT2022TMID43551
ROLL NO	720519104020
PROJECT	ANALYTICS FOR HOSPITALS' HEALTH-CARE DATA

DATA EXPLORATION:

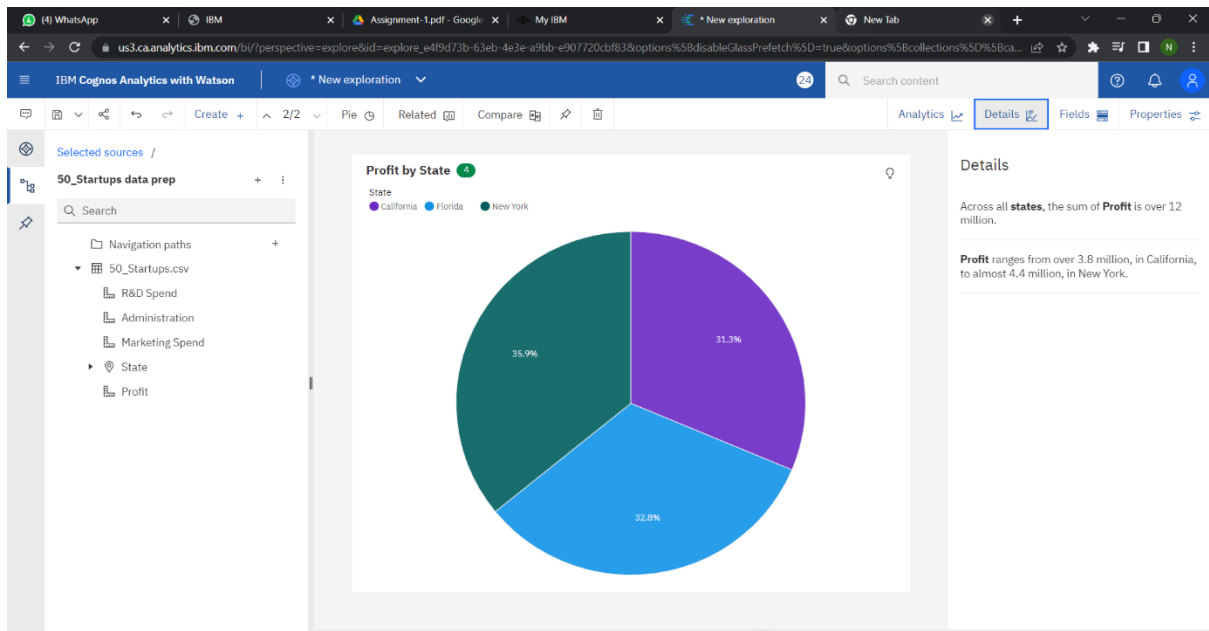


DATA VISUALIZATION:

Profit by State coloured by Profit (AVERAGE) - BAR GRAPH



Profit by State (PIE CHART)



New York State has high profit rate when compared to all other states.

Profit for State and Marketing Spend (CROSS TABLE)

Profit for State and Profit

Profit	California	Florida	New York	Summary
14,681.4	29,362.8	(no value)	(no value)	29,362.8
35,673.41	(no value)	(no value)	71,346.82	71,346.82
42,559.73	85,119.46	(no value)	(no value)	85,119.46
49,490.75	(no value)	98,981.5	(no value)	98,981.5
64,926.08	(no value)	(no value)	129,852.16	129,852.16
65,200.33	130,400.66	(no value)	(no value)	130,400.66
69,758.98	(no value)	(no value)	139,517.96	139,517.96
71,498.49	142,996.98	(no value)	(no value)	142,996.98
77,798.83	(no value)	77,798.83	77,798.83	155,597.66
78,239.91	156,479.82	(no value)	(no value)	156,479.82
81,005.76	162,011.52	(no value)	(no value)	162,011.52
81,229.06	(no value)	(no value)	162,458.12	162,458.12
89,949.14	179,898.28	(no value)	(no value)	179,898.28
90,708.19	(no value)	181,416.38	(no value)	181,416.38
96,479.51	(no value)	(no value)	192,959.02	192,959.02

Details

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

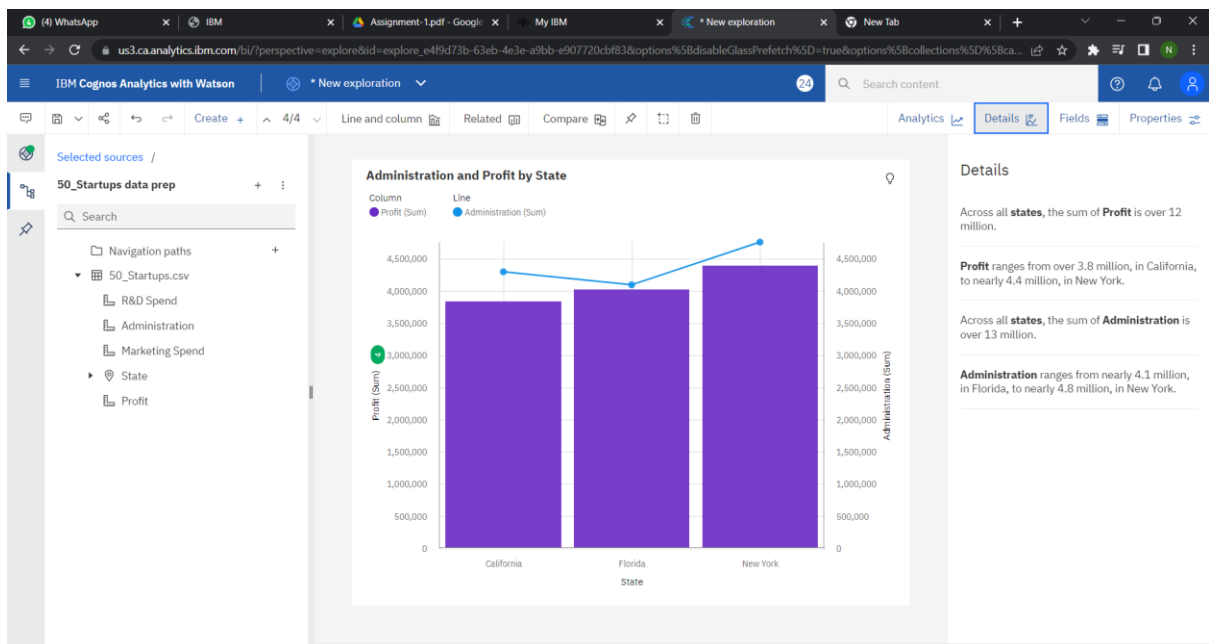
Across all **states and profits**, the sum of **Profit** is over 12 million.

For **Profit**, the most significant values of **Profit** are 144259.4 and 141585.52, whose respective **Profit** values add up to almost 858 thousand, or 7 % of the total.

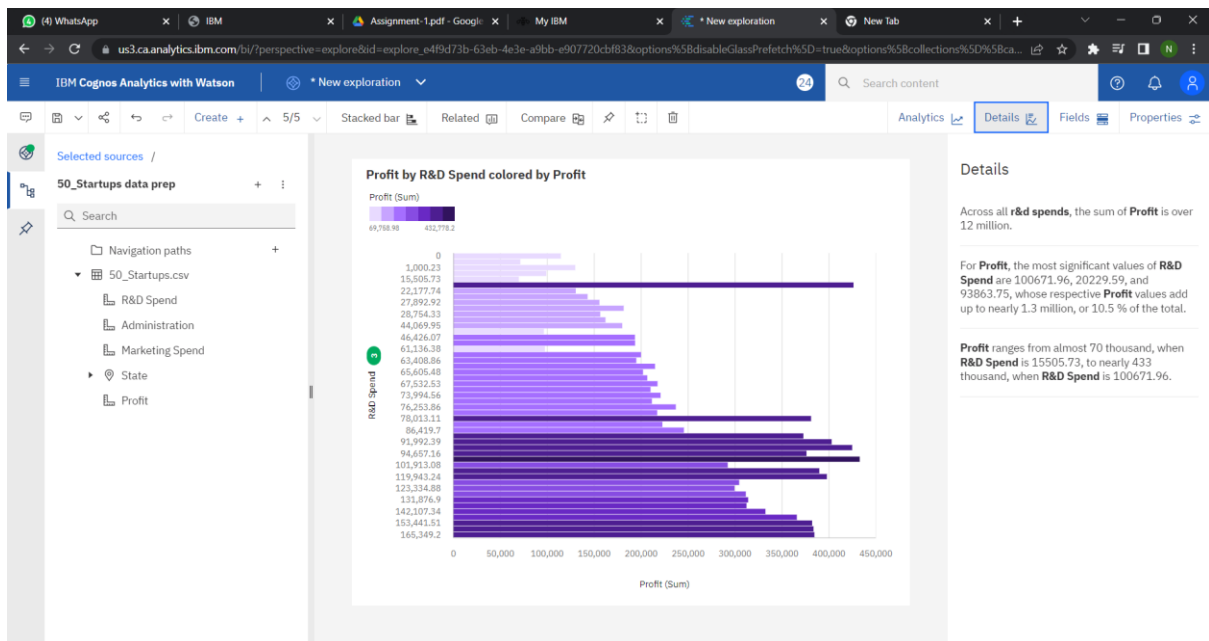
The summed values of **Profit** range from over 29 thousand to almost 433 thousand.

Marketing Spend strongly affects Profit

Administration and Profit by State (Line and Column)



Profit by R&D Spend coloured by Profit (STACKED BAR)



Profit by State and Administration (AREA)

