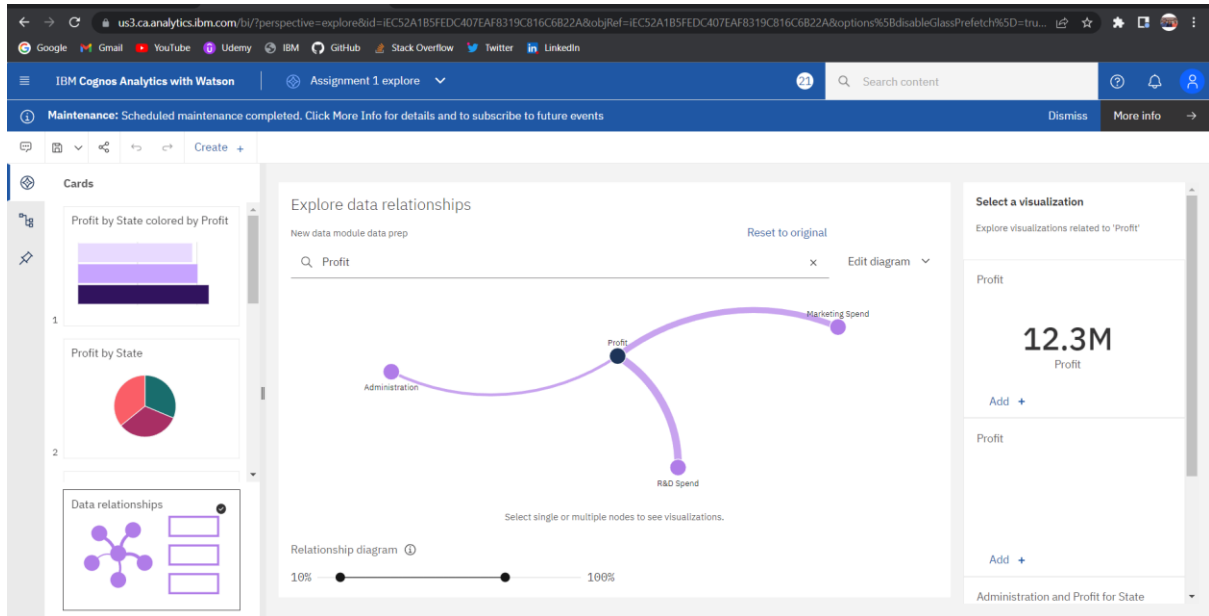


ASSIGNMENT 1

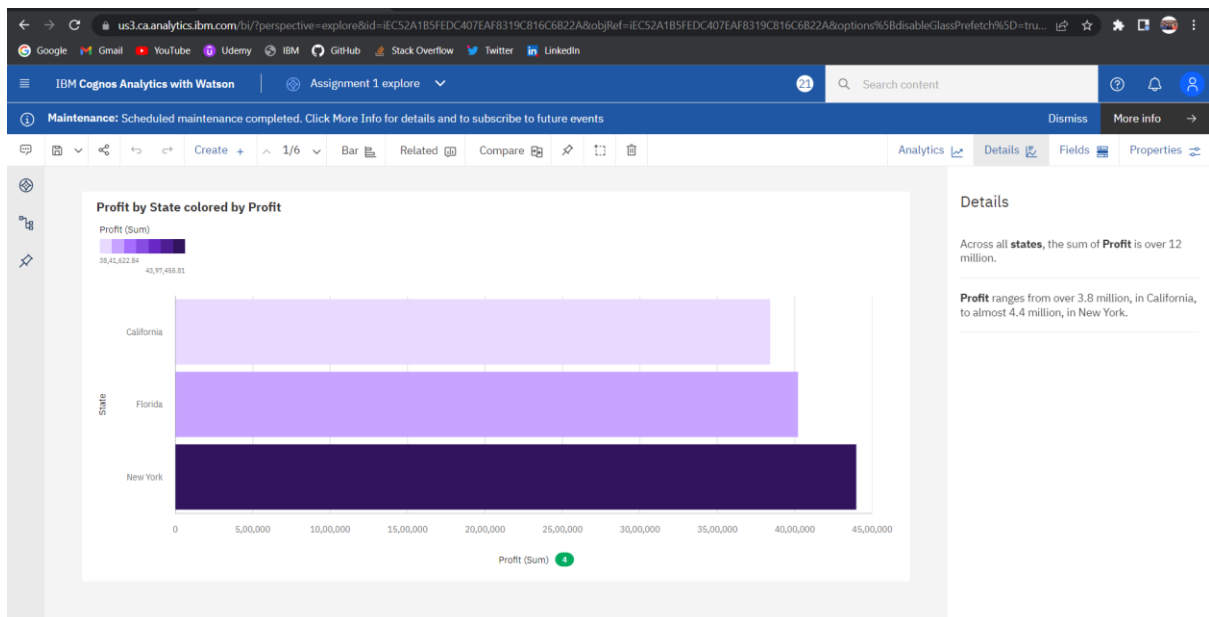
NAME	Anirudh NK
TEAM ID	PNT2022TMLD43551
ROLL NO	720519104005
PROJECT	ANALYTICS FOR HOSPITALS' HEALTH-CARE DATA

DATA EXPLORATION:

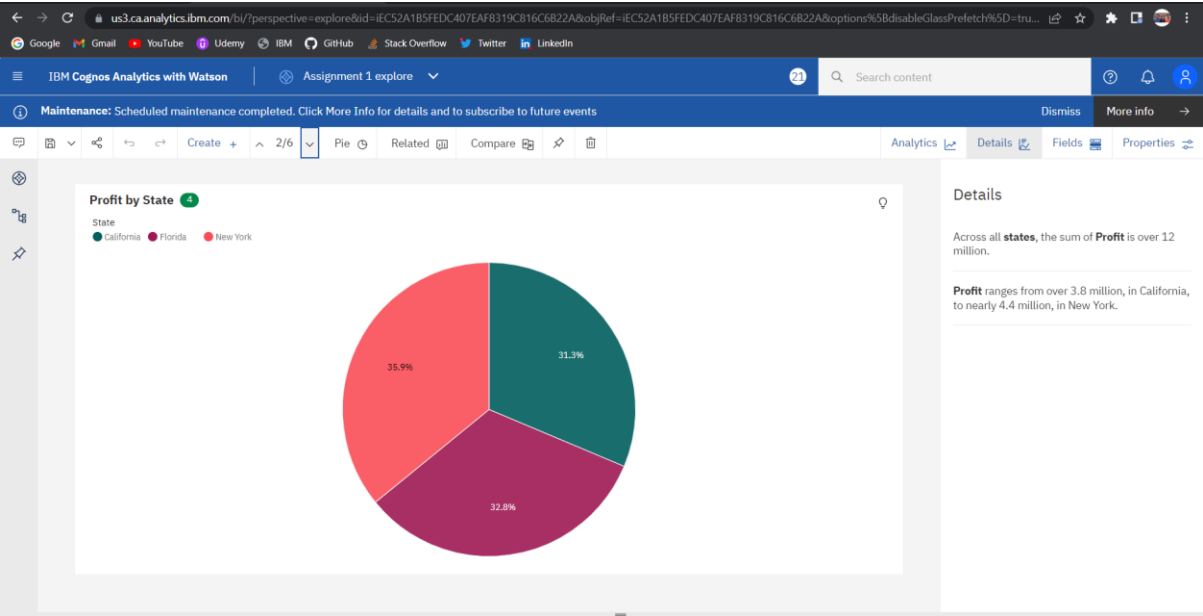


DATA VISUALIZATION:

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.

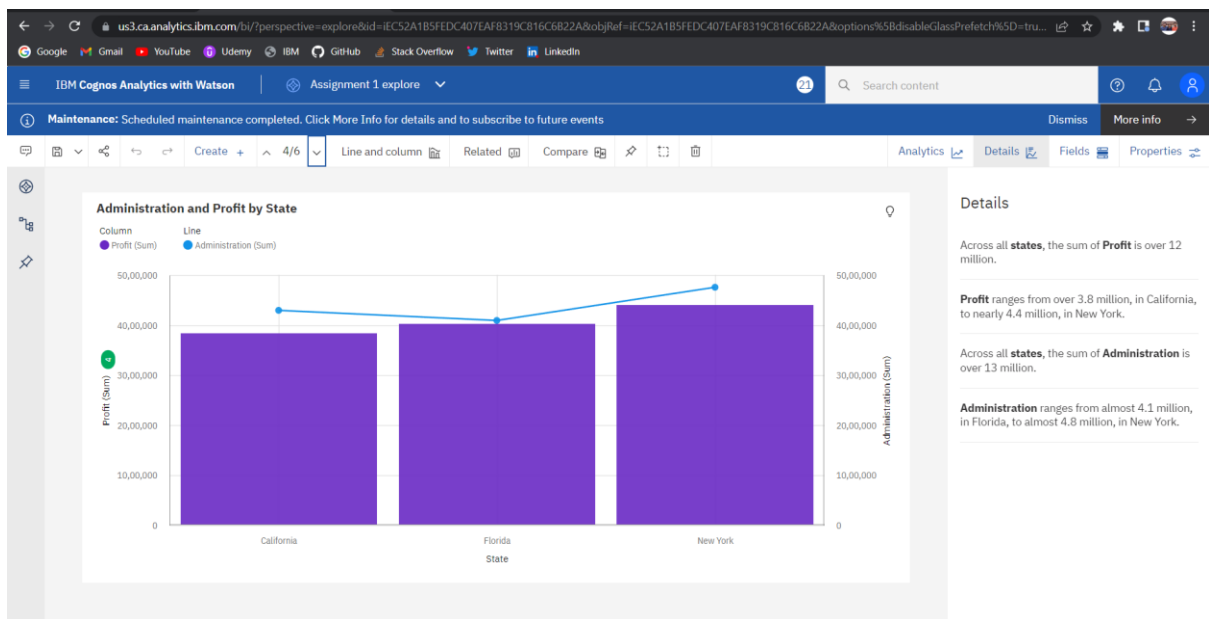
Profit for State and Marketing Spend (CROSS TABLE)

A cross table titled "Profit for State and Profit" showing profit values for California, Florida, and New York across various profit ranges. The table is displayed in the IBM Cognos Analytics interface. The legend indicates that California is represented by a teal color, Florida by a purple color, and New York by a red color.

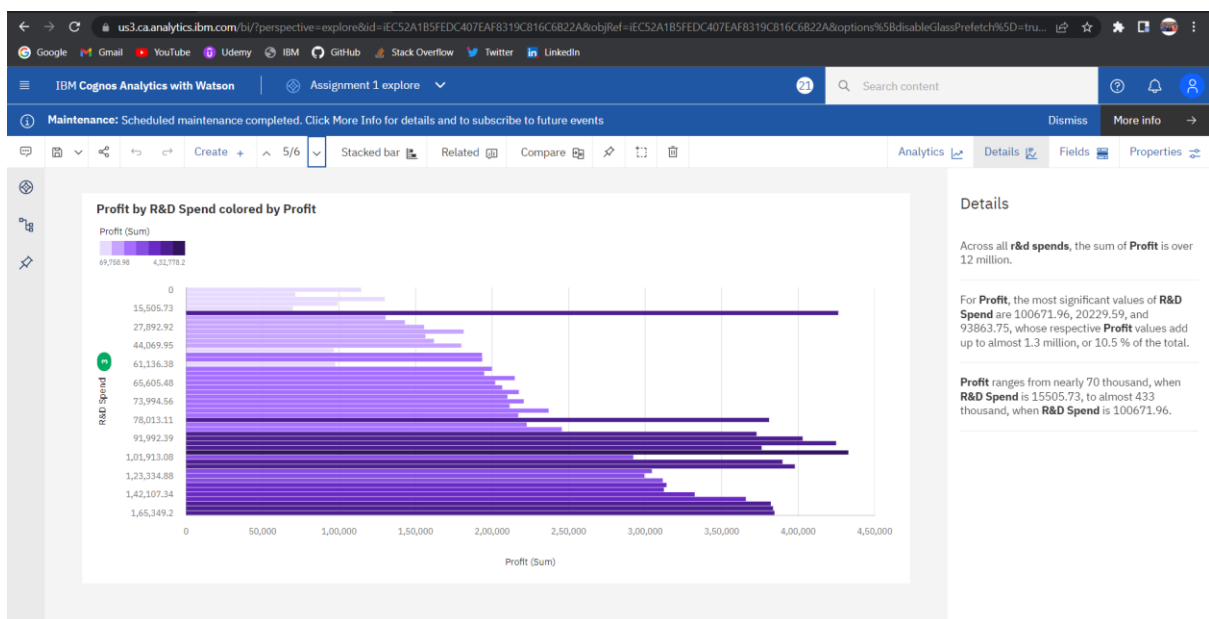
Profit	California	Florida	New York	Summary
14,681.4	29,362.8	(no value)	(no value)	29,362.8
35,673.41	(no value)	(no value)	71,346.82	71,346.82
42,559.73	85,119.46	(no value)	(no value)	85,119.46
49,490.75	(no value)	98,981.5	(no value)	98,981.5
64,926.08	(no value)	(no value)	1,29,852.16	1,29,852.16
65,200.33	1,30,400.66	(no value)	(no value)	1,30,400.66
69,758.98	(no value)	(no value)	1,39,517.96	1,39,517.96
71,498.49	1,42,996.98	(no value)	(no value)	1,42,996.98
77,798.83	(no value)	77,798.83	77,798.83	1,55,597.66
78,239.91	1,56,479.82	(no value)	(no value)	1,56,479.82
81,005.76	1,62,011.52	(no value)	(no value)	1,62,011.52
81,229.06	(no value)	(no value)	1,62,458.12	1,62,458.12
89,949.14	1,79,898.28	(no value)	(no value)	1,79,898.28

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)

