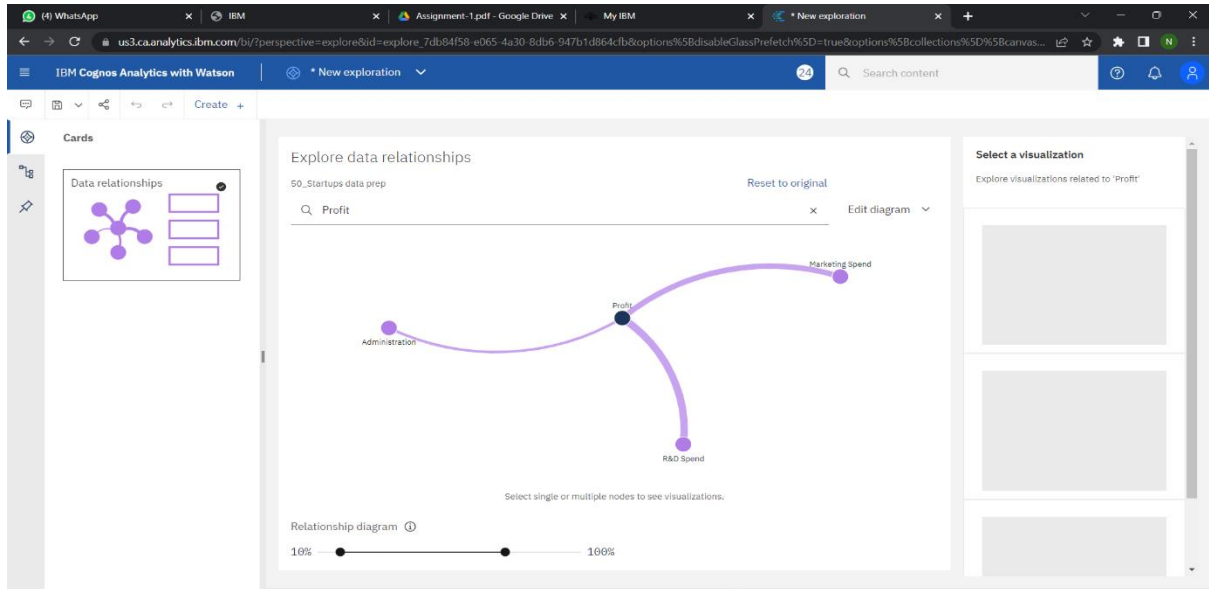


# ASSIGNMENT 1

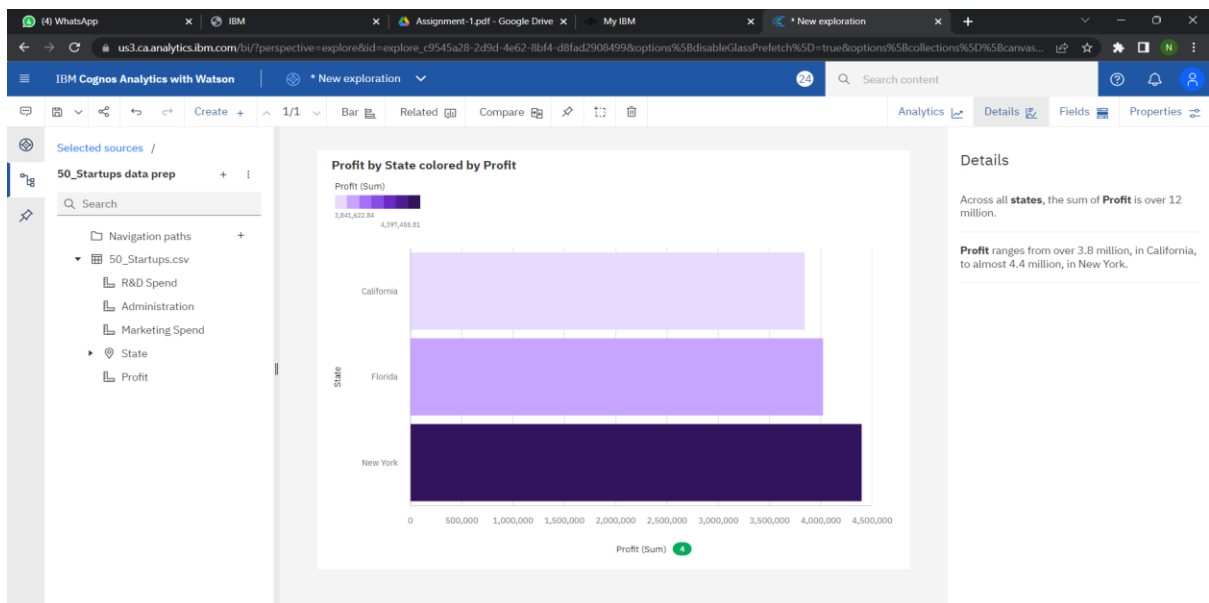
NAME	Anirudh NK
TEAM ID	PNT2022TMID43551
ROLL NO	720519104005
PROJECT	ANALYTICS FOR HOSPITALS' HEALTH-CARE DATA

## DATA EXPLORATION:

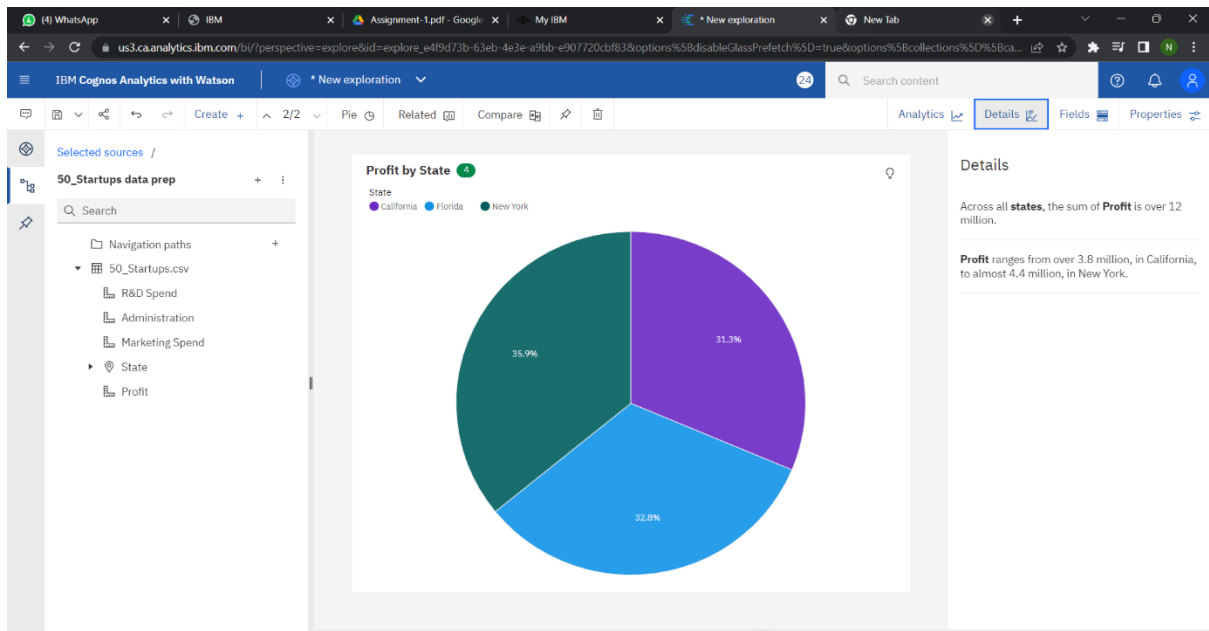


## DATA VISUALIZATION:

### 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.

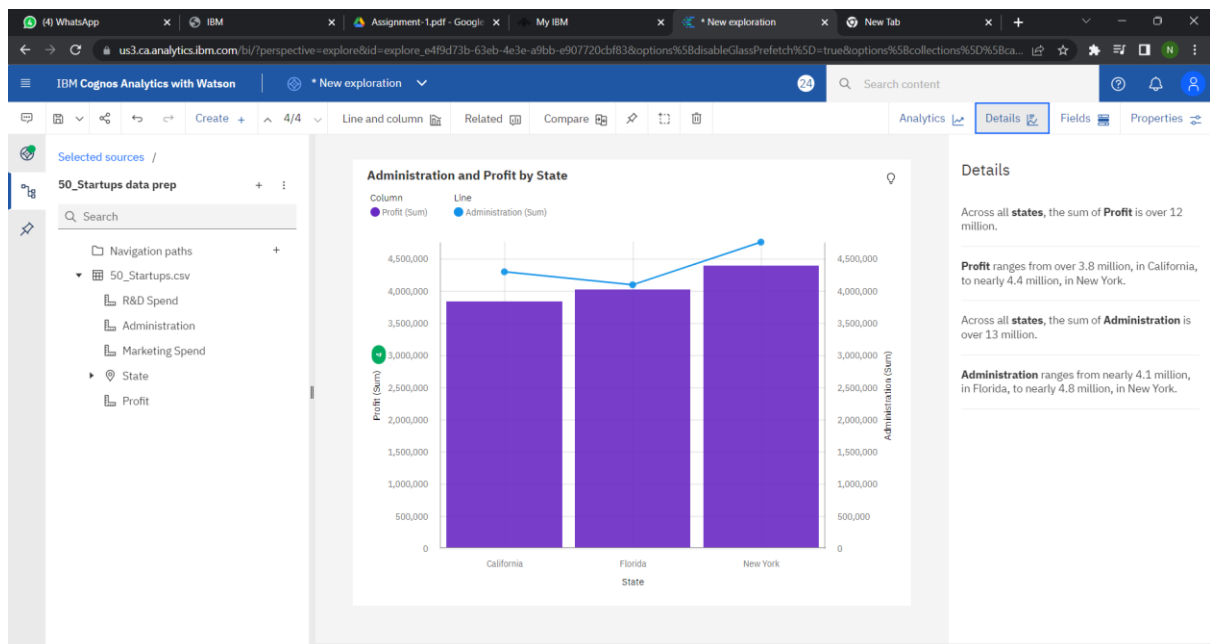
## Profit for State and Marketing Spend (CROSS TABLE)

A cross table titled "Profit for State and Profit" showing the relationship between Profit and Marketing Spend across different states. The table is displayed in the IBM Cognos Analytics interface, with a sidebar on the left showing the data source "50\_Startups.csv" and a "Details" panel on the right.

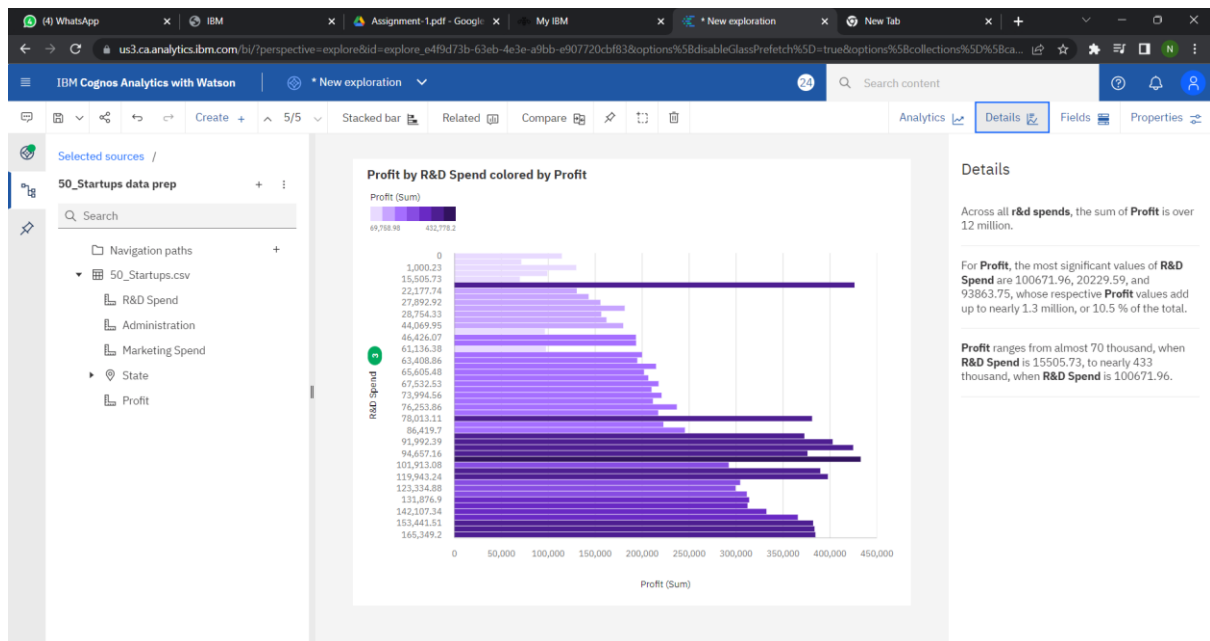
Profit	California	Florida	New York	Summary
14,681.4	29,362.8	(no value)	(no value)	29,362.8
35,673.41	(no value)	(no value)	71,346.82	71,346.82
42,559.73	85,119.46	(no value)	(no value)	85,119.46
49,490.75	(no value)	98,981.5	(no value)	98,981.5
64,926.08	(no value)	(no value)	129,852.16	129,852.16
65,200.33	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

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)

