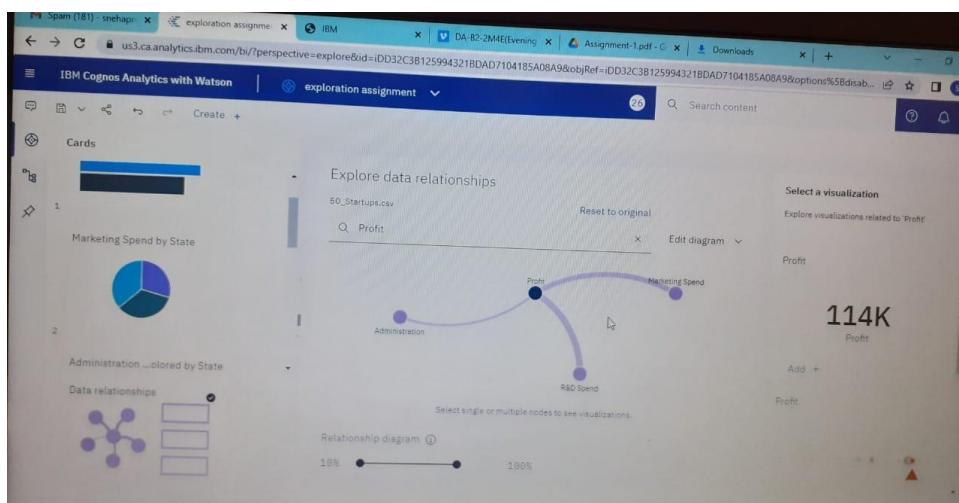
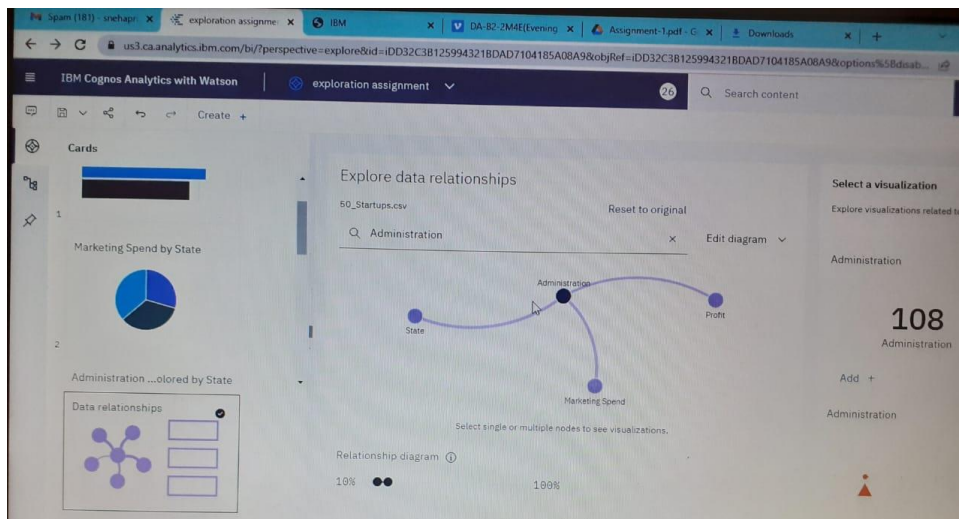
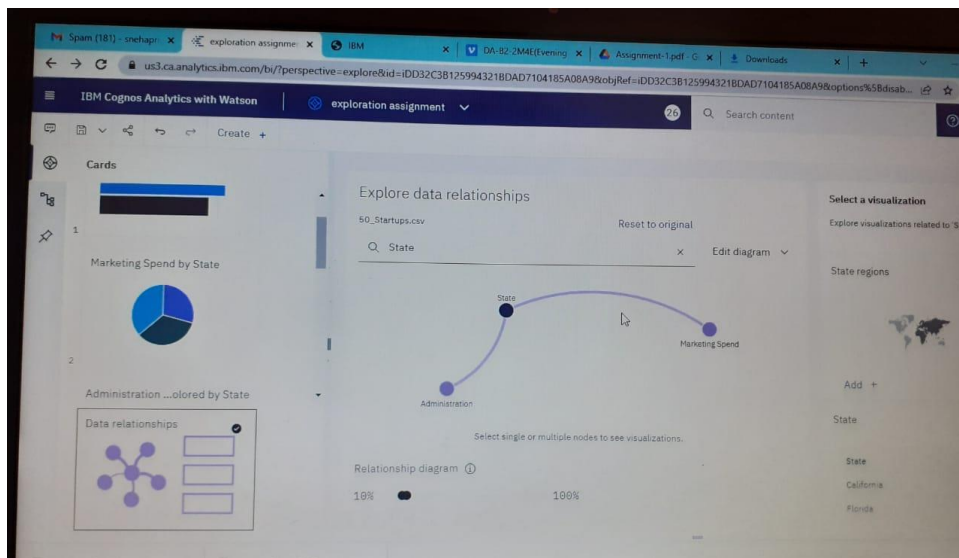
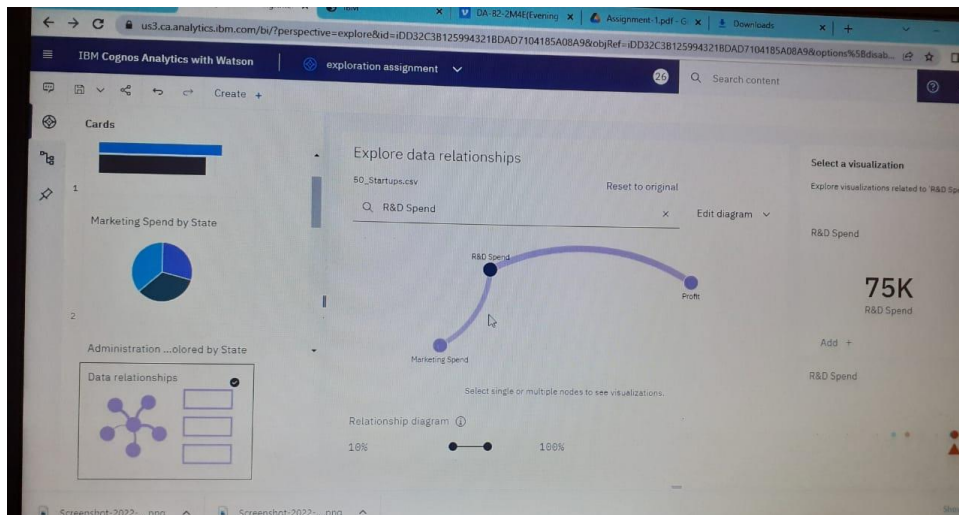
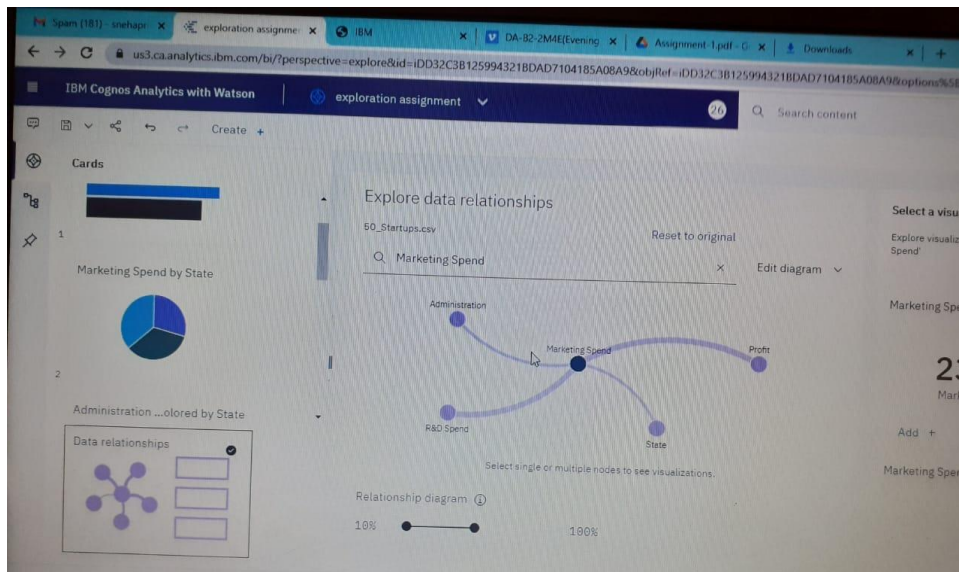


COGNOS ANALYTICS ASSIGNMENT NO 1

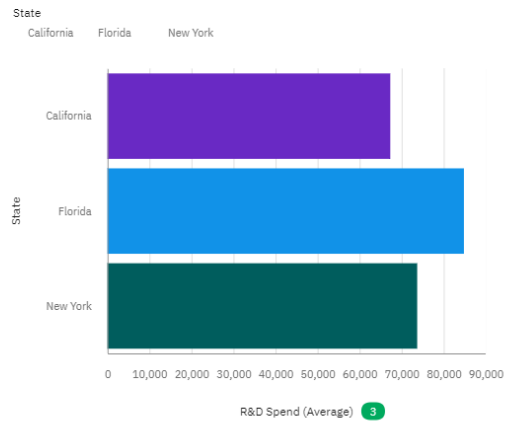
DATA ANALYTICS

Assignment link: <https://tinyurl.com/5bmm6exz>





R&D Spend by State colored by State



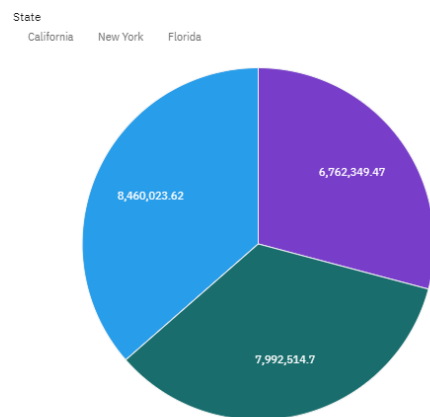
Details

The most common values of **State** are New York (36.1 %) and California (33.3 %), together occurring 75 times, which is 69.4 % of the total.

Over all **states** and **states**, the average of **R&D Spend** is nearly 75 thousand.

The average values of **R&D Spend** range from over 67 thousand to almost 85 thousand.

Marketing Spend by State 1



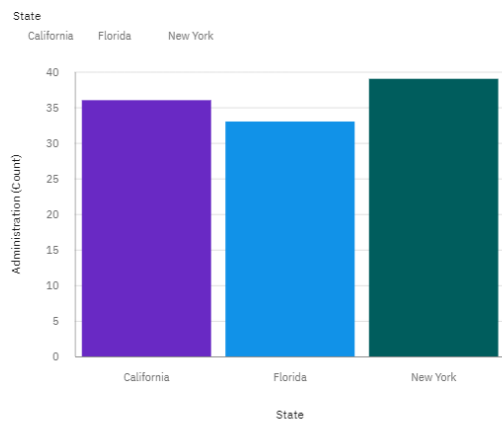
Details

Across all **states**, the sum of **Marketing Spend** is over 23 million.

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.

Marketing Spend ranges from almost 6.8 million, in California, to almost 8.5 million, in Florida.

Administration by State colored by State

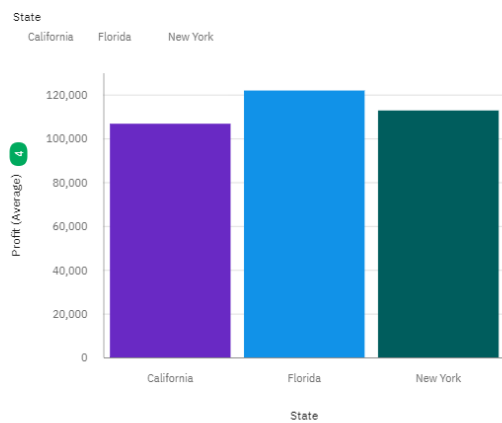


Details

The most common values of **State** are New York (36.1 %) and California (33.3 %), together occurring 75 times, which is 69.4 % of the total.

The total number of results for **Administration**, across all **states**, is 108.

Profit by State colored by State



Details

The most common values of **State** are New York (36.1 %) and California (33.3 %), together occurring 75 times, which is 69.4 % of the total.

Over all **states** and **states**, the average of **Profit** is almost 114 thousand.

The average values of **Profit** range from nearly 107 thousand to almost 122 thousand.

Profit for State and R&D Spend 7

Profit	California	Florida	New York	Summ
0	28,620.57	(no value)	(no value)	
542.05	(no value)	(no value)	35,673.41	
1,000.23	(no value)	(no value)	64,926.08	
1,315.46	(no value)	49,490.75	(no value)	
15,505.73	(no value)	(no value)	69,758.98	
20,229.59	(no value)	(no value)	85,236.03	
22,177.74	65,200.33	(no value)	(no value)	
23,640.93	71,498.49	(no value)	(no value)	
27,892.92	(no value)	77,798.83	77,798.83	
28,663.76	(no value)	90,708.19	(no value)	
28,754.33	78,239.91	(no value)	(no value)	

Details

The most common value of **State** is New York, occurring 20 times, which is 38.5 % of the total.

The most common values of **R&D Spend** are 61994.48 (3.8 %), 46426.07 (3.8 %), and 27892.92 (3.8 %), together occurring 6 times, which is 11.5 % of the total.

R&D Spend strongly affects **Profit** (100%).

Over all **states** and **r&d spends**, the average of **Profit** is almost 113 thousand.

The average values of **Profit** range from nearly 29 thousand to over 192 thousand.

Administration for State and Profit 4

Administration	California	Florida	New York	Summ
14,681.4	2	(no value)	(no value)	
35,673.41	(no value)	(no value)	2	
42,559.73	2	(no value)	(no value)	
49,490.75	(no value)	2	(no value)	
64,926.08	(no value)	(no value)	2	
65,200.33	2	(no value)	(no value)	
69,758.98	(no value)	(no value)	2	
71,498.49	2	(no value)	(no value)	
77,798.83	(no value)	1	1	
78,239.91	2	(no value)	(no value)	
81,005.76	2	(no value)	(no value)	

Details

The total number of results for **Administration**, across all **states**, is 53.

The most common value of **State** is New York, occurring 20 times, which is 37.7 % of the total.

The most common values of **Profit** are 77798.83 (3.8 %), 96712.8 (3.8 %), and 99937.59 (3.8 %), together occurring 6 times, which is 11.3 % of the total.