

## ASSIGNMENT-I

### **About the 50 startups dataset:**

This particular dataset holds data from 50 startups in New York, California, and Florida.

The features in this dataset are R&D spending, Administration Spending, Marketing Spending, and location features, while the target variable is: Profit.

- 1. R&D spending:** The amount which startups are spending on Research and development.
- 2. Administration spending:** The amount which startups are spending on the Admin panel.
- 3. Marketing spending:** The amount which startups are spending on marketing strategies.
- 4. State:** To which state that particular startup belongs.
- 5. Profit:** How much profit that particular startup is making.

### **Challenge:**

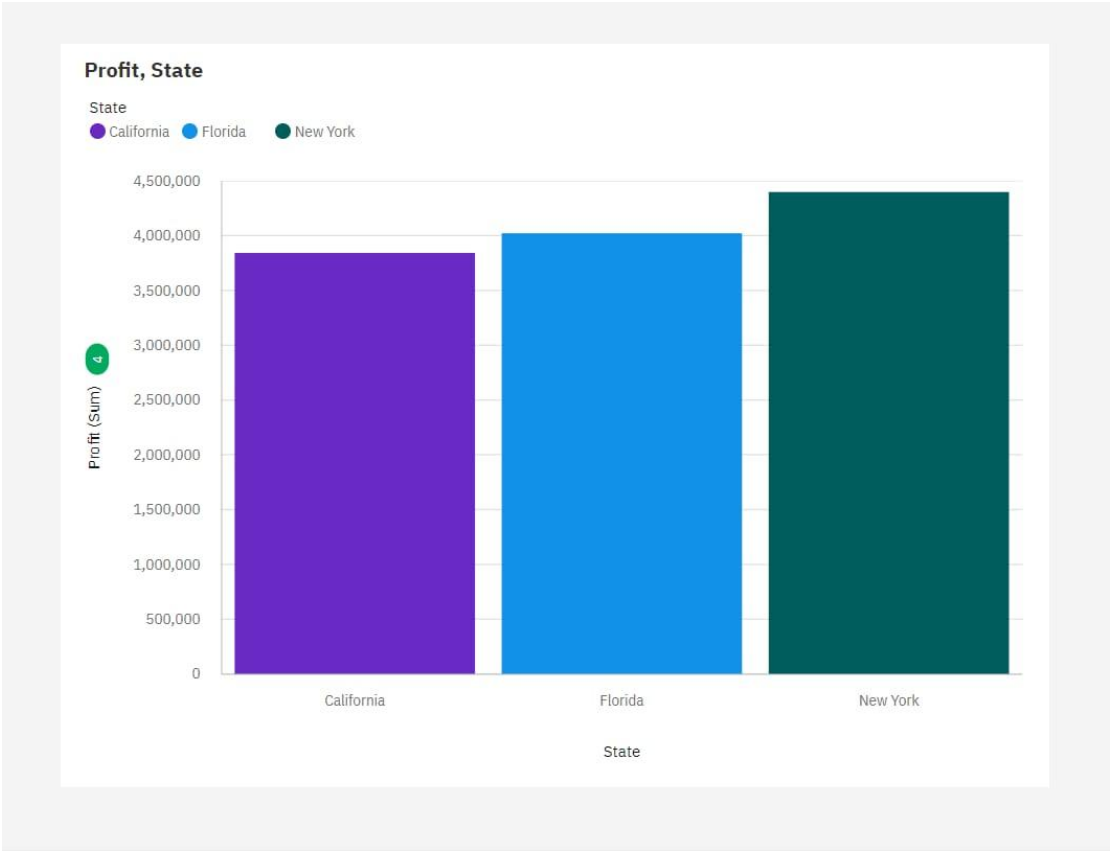
Upload the dataset to Cognos Analytics, explore and visualize the dataset.

OUTPUT:

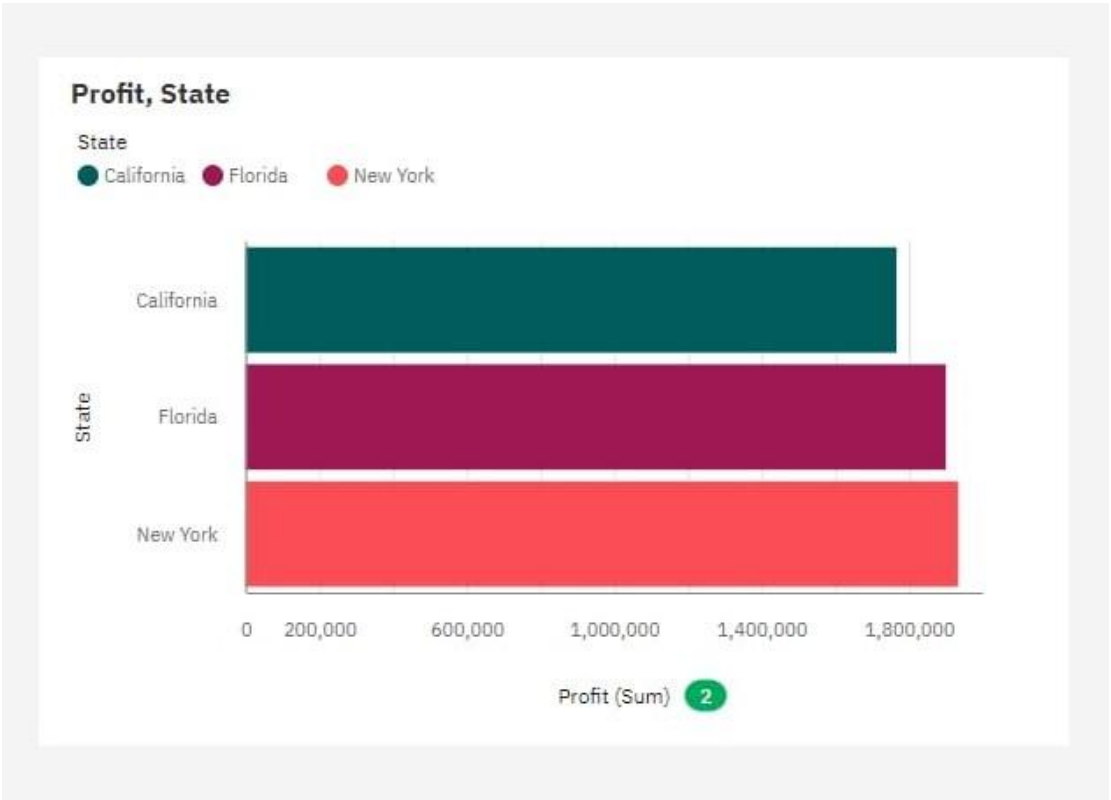
Explore Data Relationships:



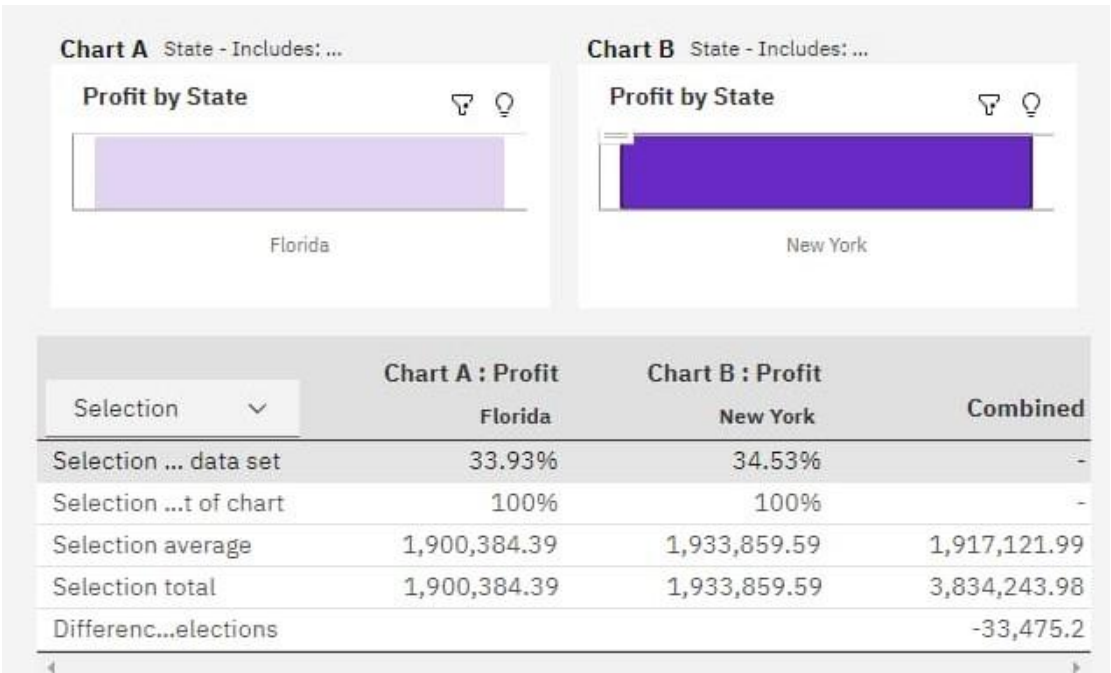
Column Chart:



Bar Chart:



Comparable Visualization:



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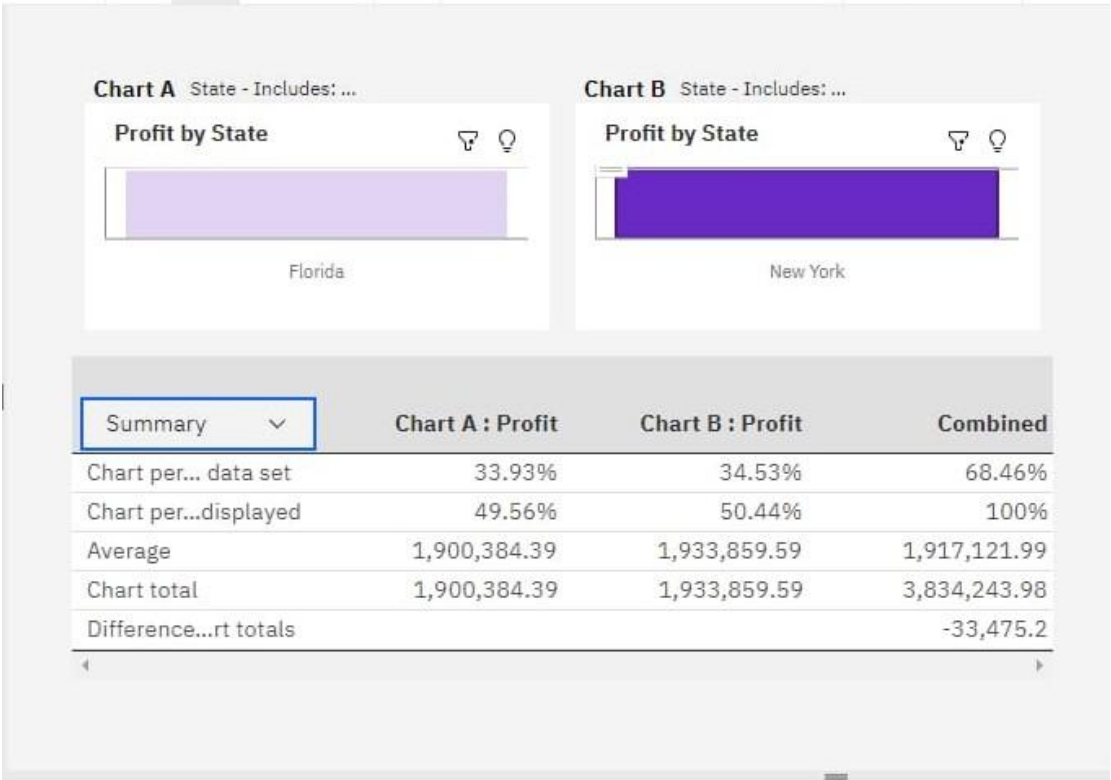
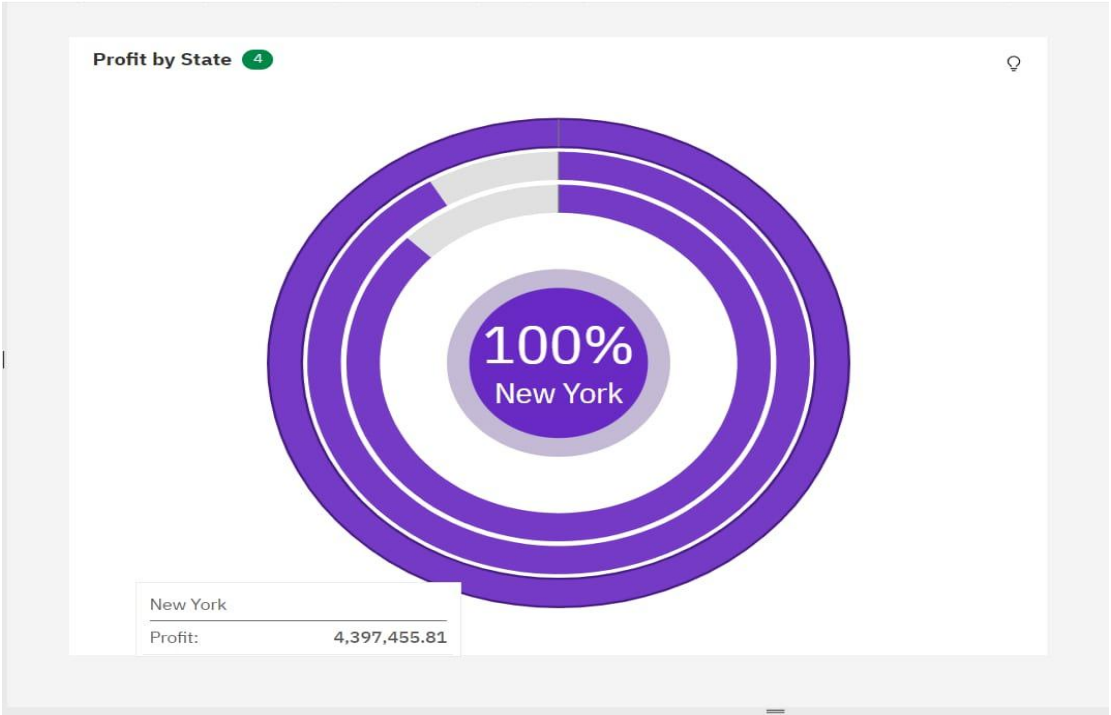


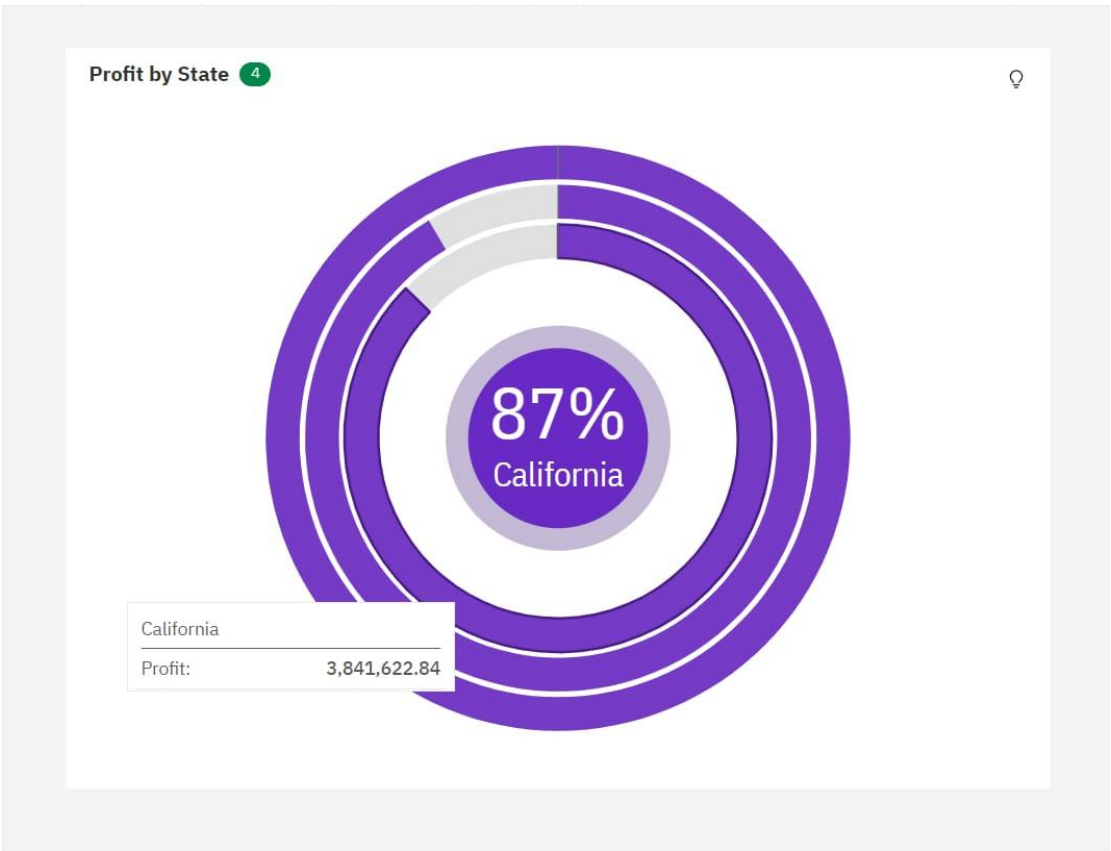
Table :

R&D Spend, Marketing Spend, Profit, State and Administration 2				
State	R&D Spend	Administration	Marketing Spend	Profit
California	1,099,180.46	2,052,690.62	3,103,195.8	1,766,387.98
Florida	1,291,584.26	1,948,302.36	3,957,176.82	1,900,384.39
New York	1,295,316.06	2,066,239	3,490,882.27	1,933,859.59
Summary	3,686,080.78	6,067,231.98	10,551,254.89	5,600,631.96

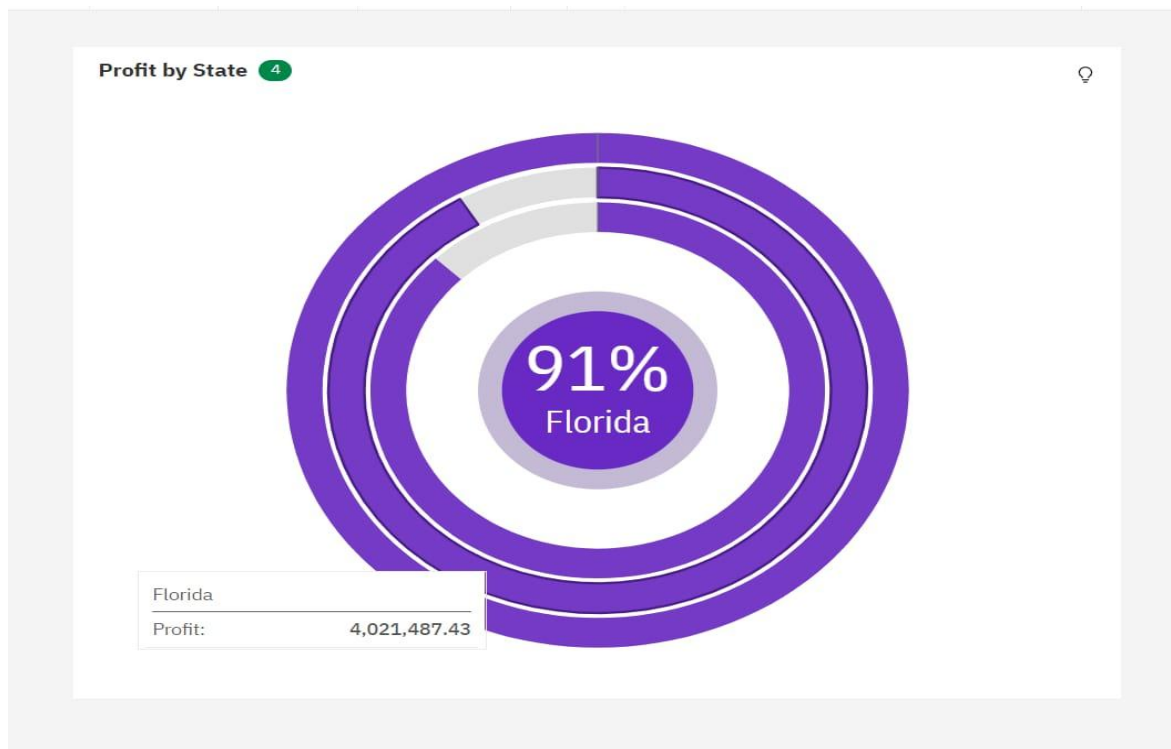
Radial Chart:



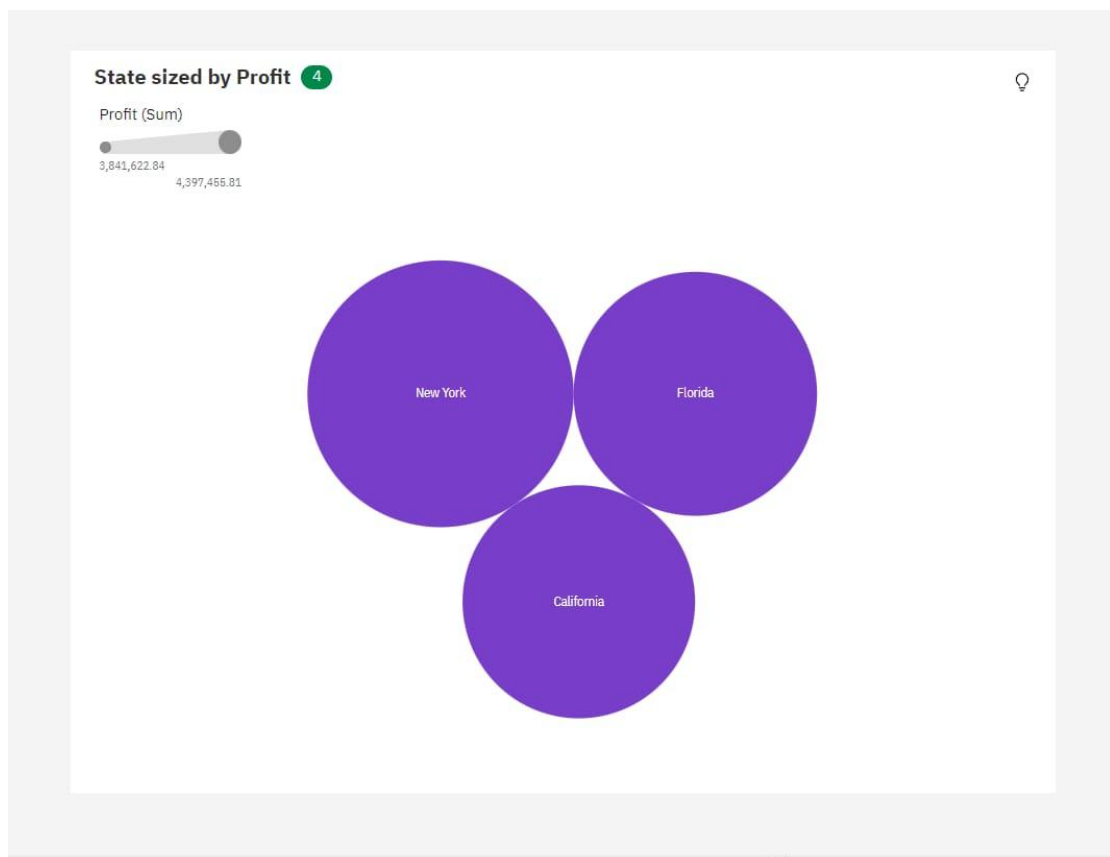
Radial Chart:



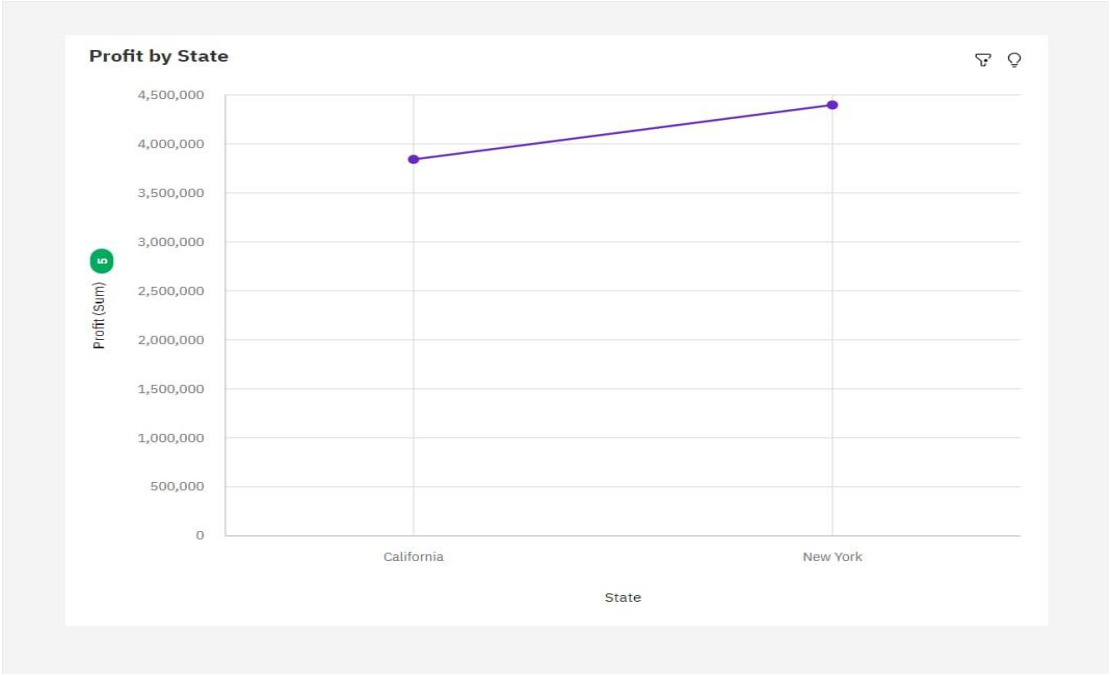
## Radial Chart:



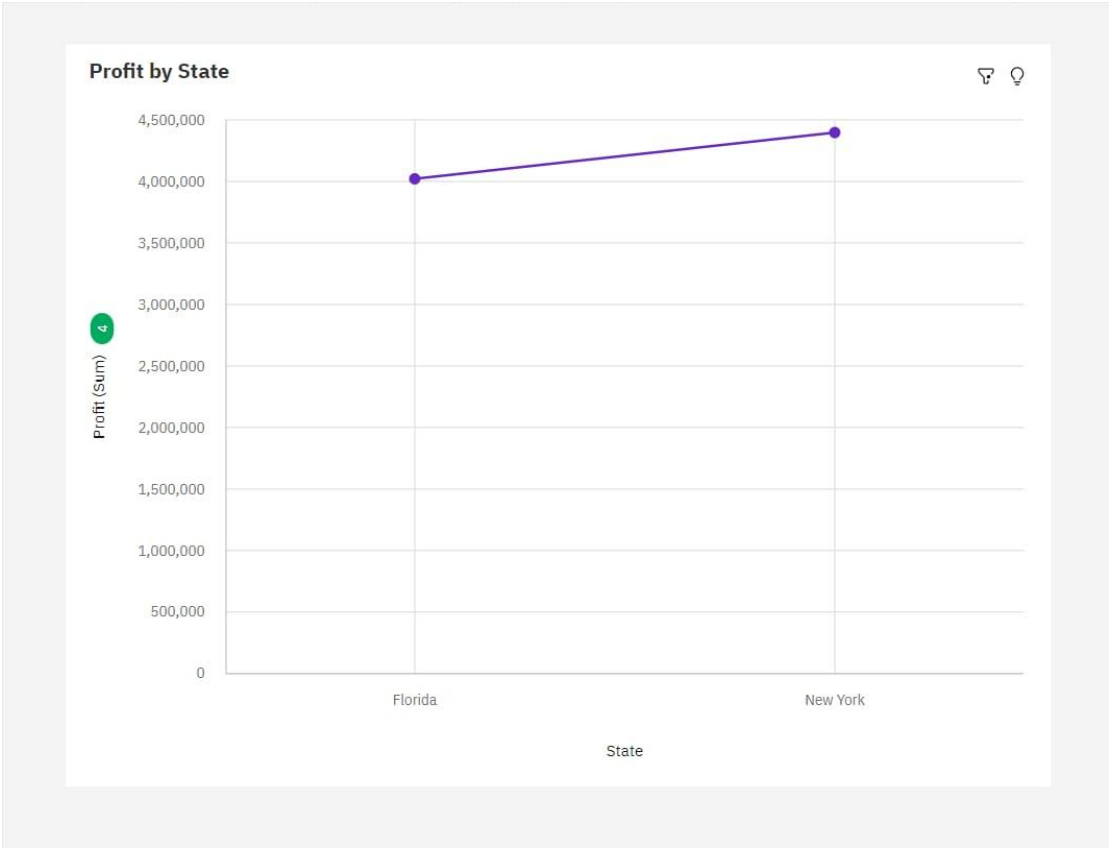
## Bubble Chart:



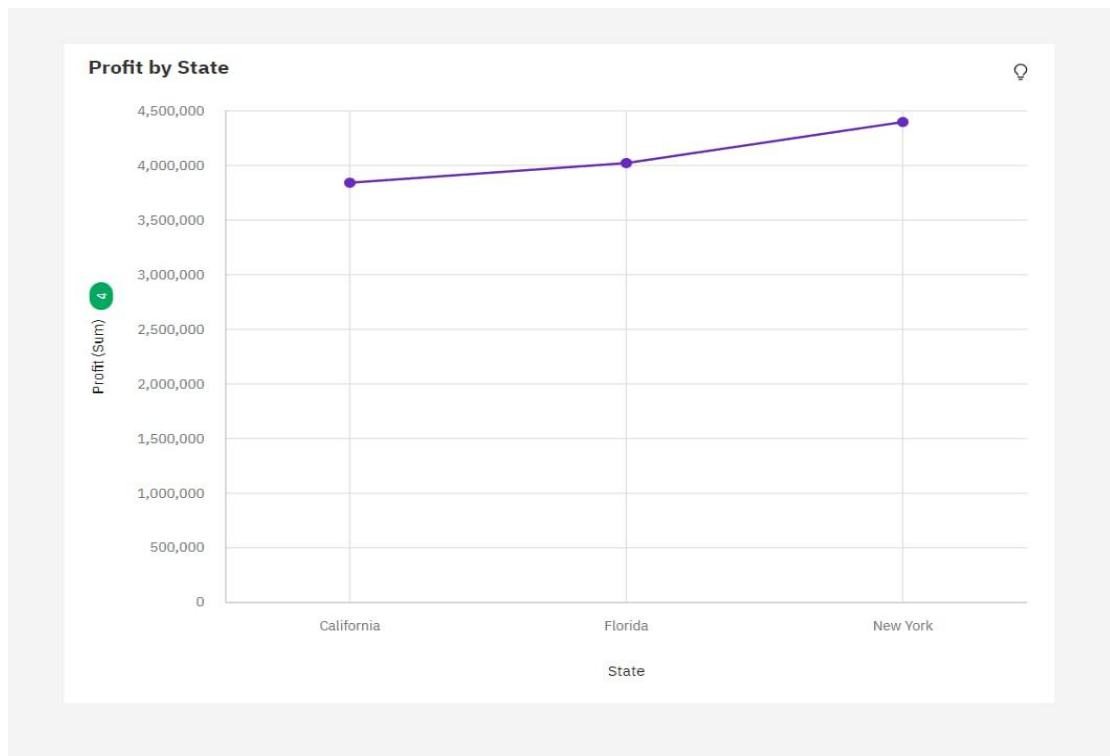
Line Chart:



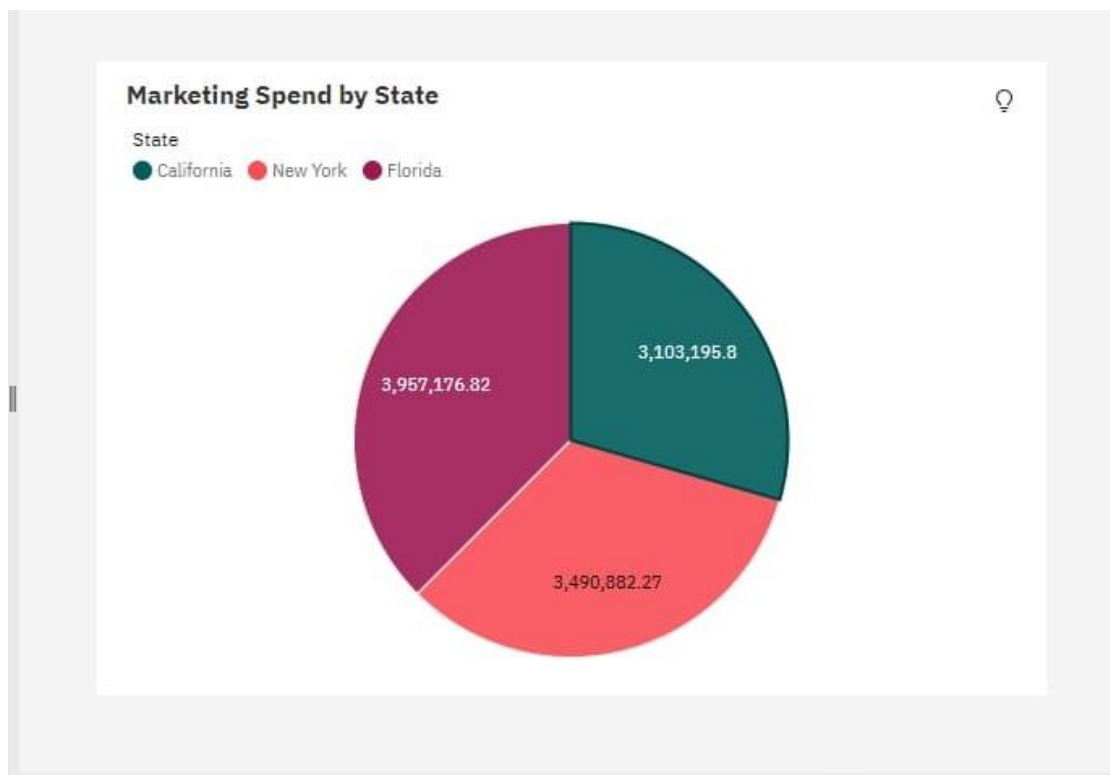
Line Chart:



## Line Chart:



## Pie Chart:





## Waterfall:



## Scatter:

