

**Assignment -I**  
**Upload,Explore and Visualize the dataset using Cognos Analytics**

Assignment Date	10 September 2022
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Student Roll Number	913319104008
Maximum Marks	2 Marks

**Question-I:**

**Challenge:**Upload the dataset to Cognos Analytics, explore and visualize the dataset

**Dataset:**

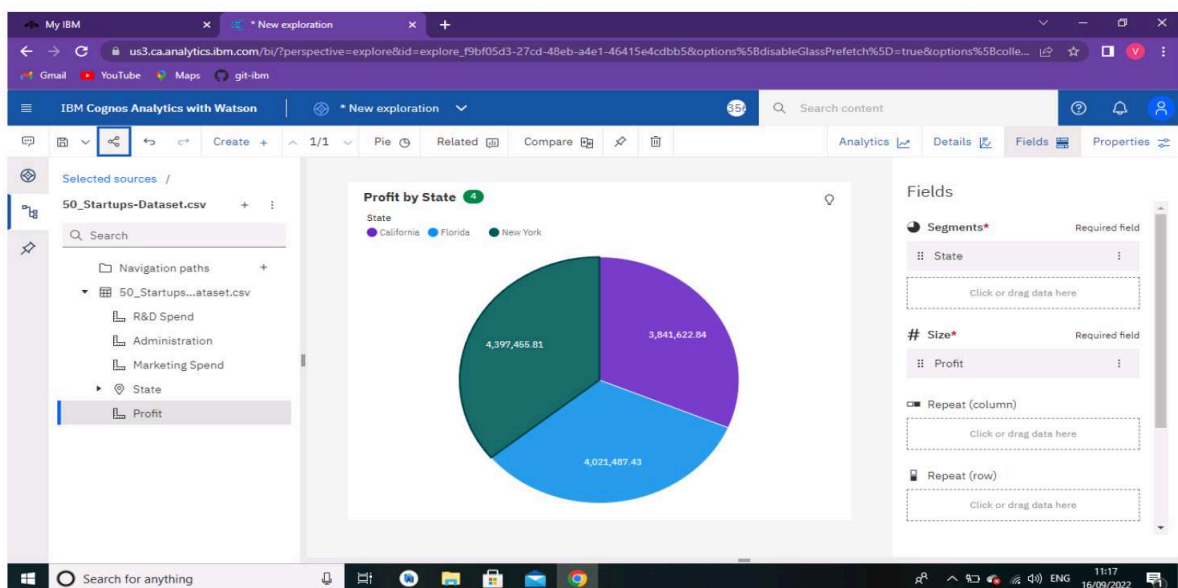
[https://drive.google.com/file/d/1000UpJFG8GQjhFztbfG5JP\\_jvzRgoihr/view](https://drive.google.com/file/d/1000UpJFG8GQjhFztbfG5JP_jvzRgoihr/view)

The 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

**Solution:**

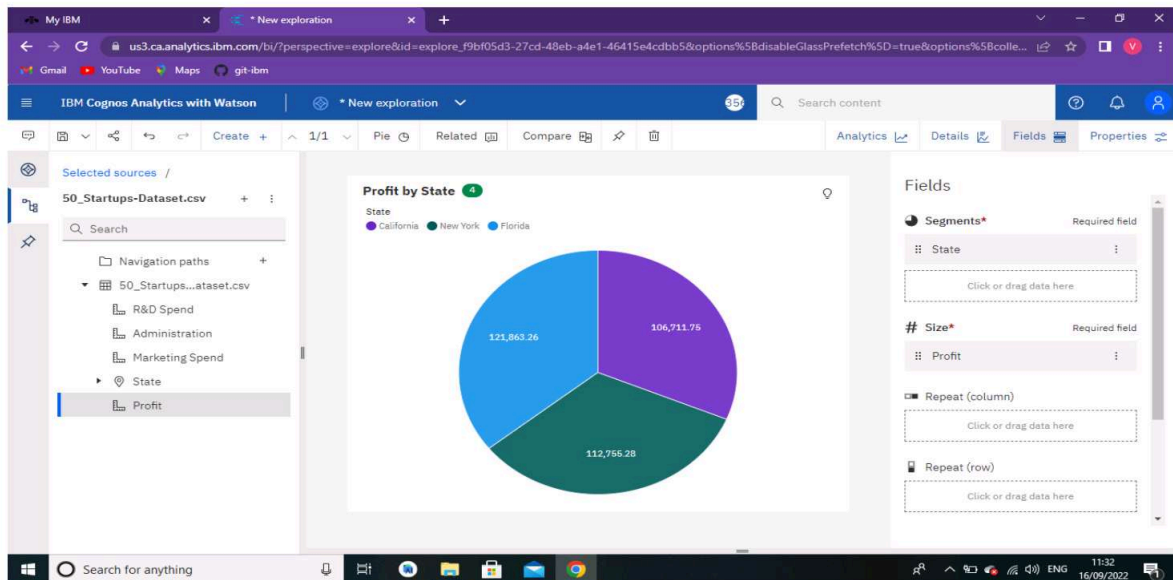
**I. Analyzing the Total Profit by Statewise from the given dataset generates the total profit turn over by the startups from each State**

**Total Profit by State wise:**



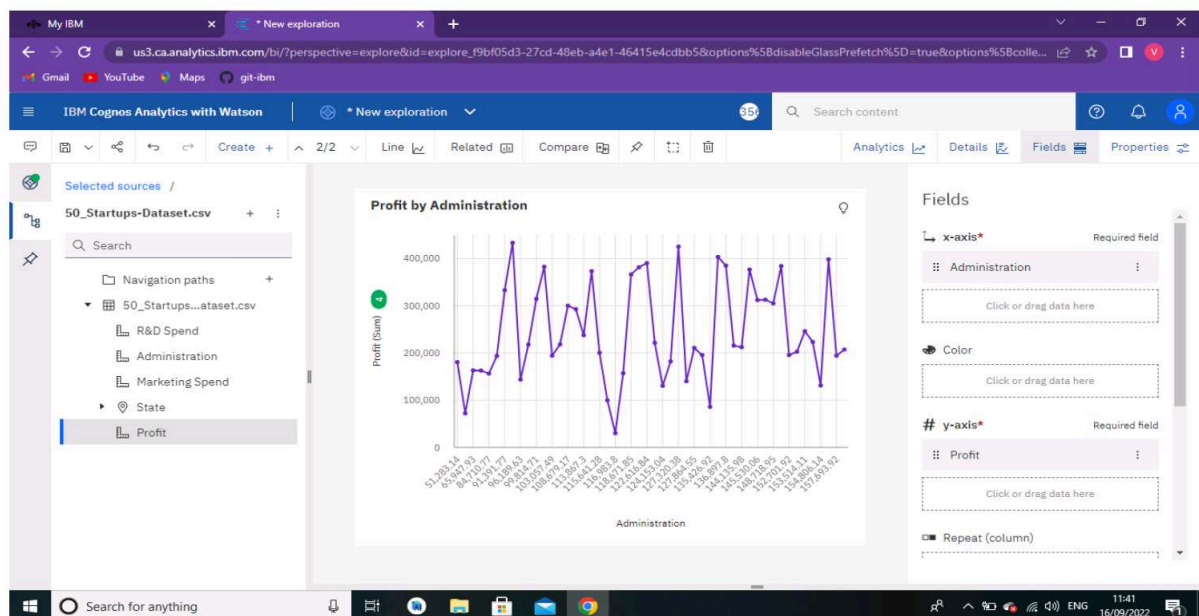
**2. Analyzing the Average Profit by Statewise bring about average profit earned by the each State from the given dataset has been determined**

**Average profit by statewise:**



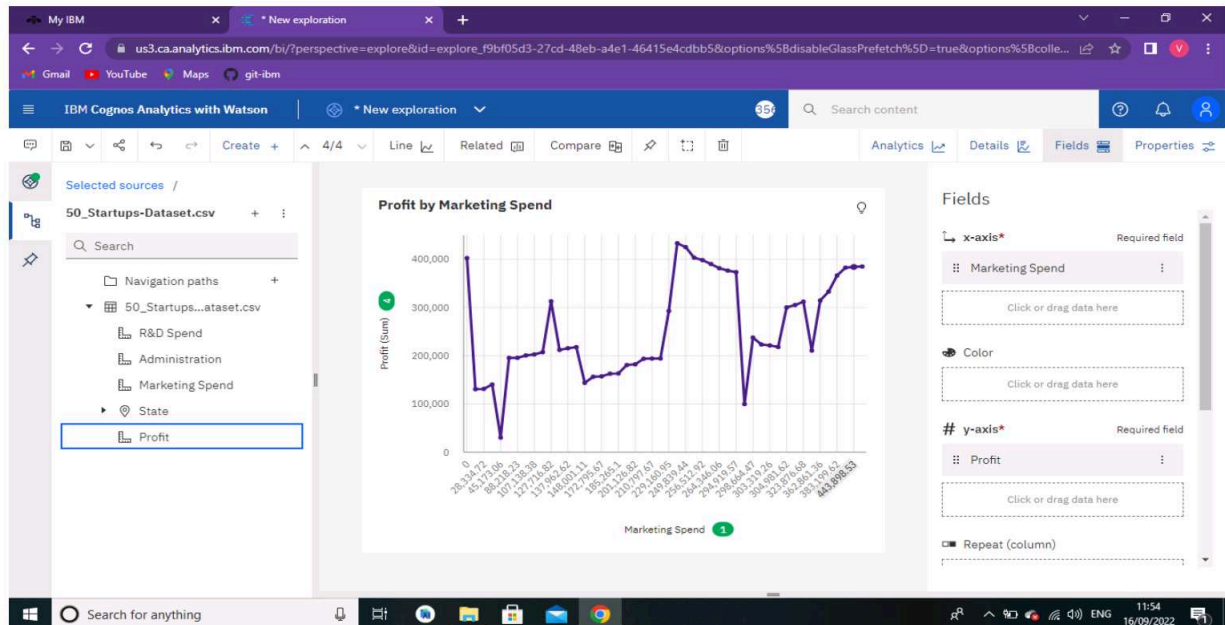
**3. Exploring the Administration vs Profit yields the startups to analyze the pathway of target among the amount which has spending on admin panel**

**Profit level by Administration:**



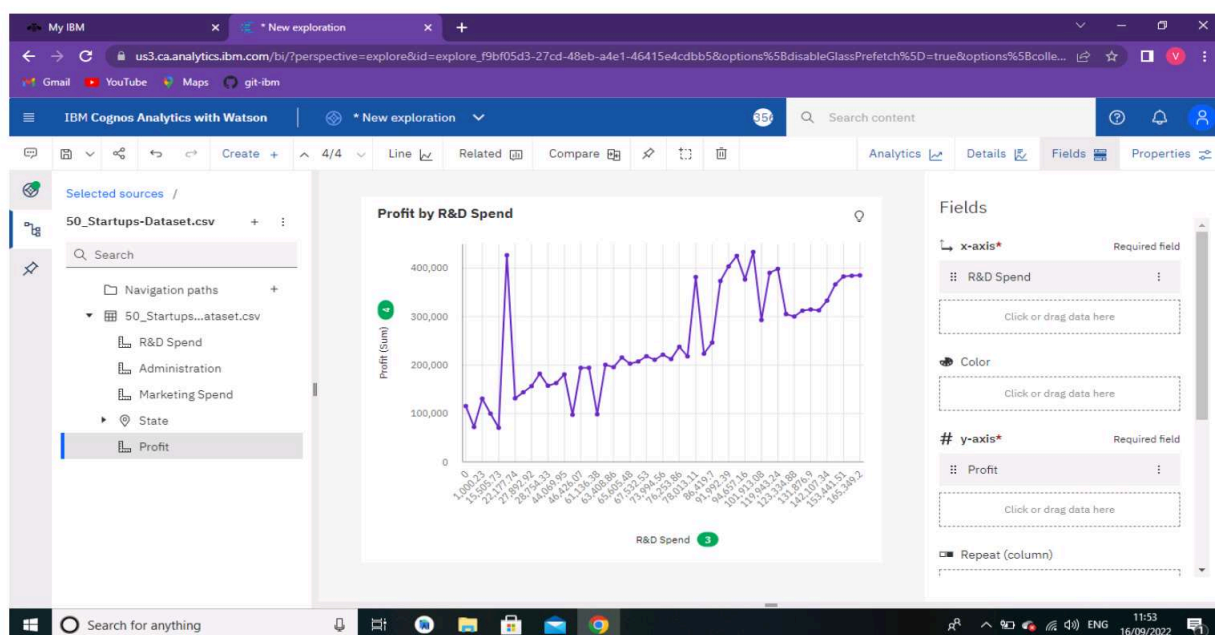
**4.Exploring the Marketing Spend vs Profit allows to visualize target levels among the amount which has spending on marketing strategies by startups**

**Profit level by Marketing spend:**



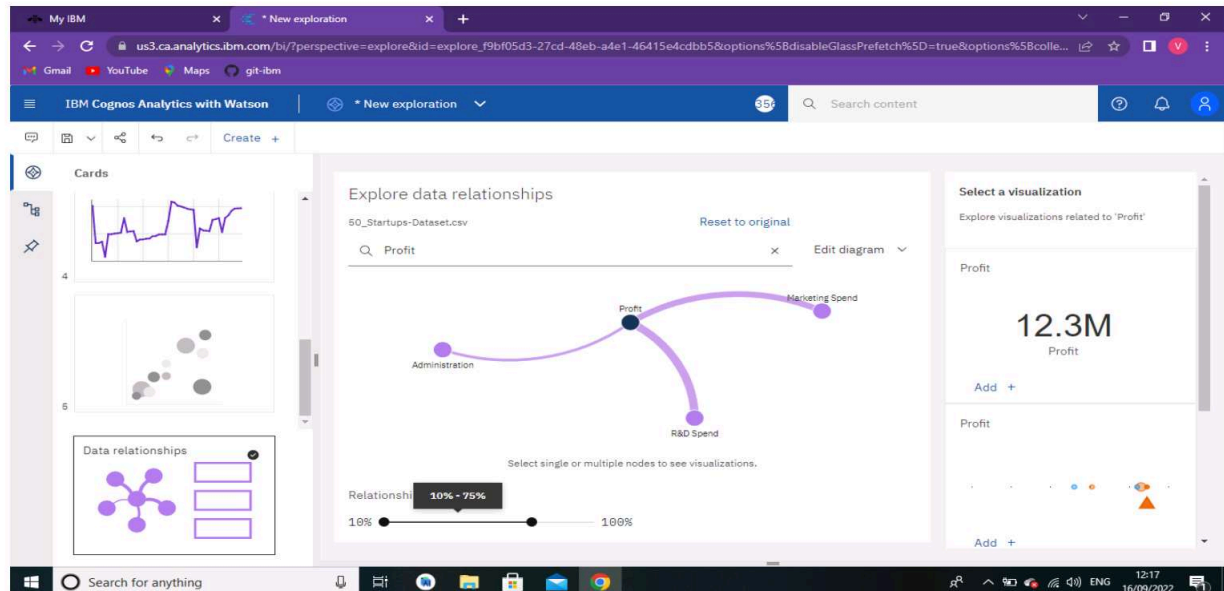
**5.Exploring the R&D Spend vs Profit enable startup to track profit status among the amount which has spending on research and development**

**Profit level by R&D spend:**



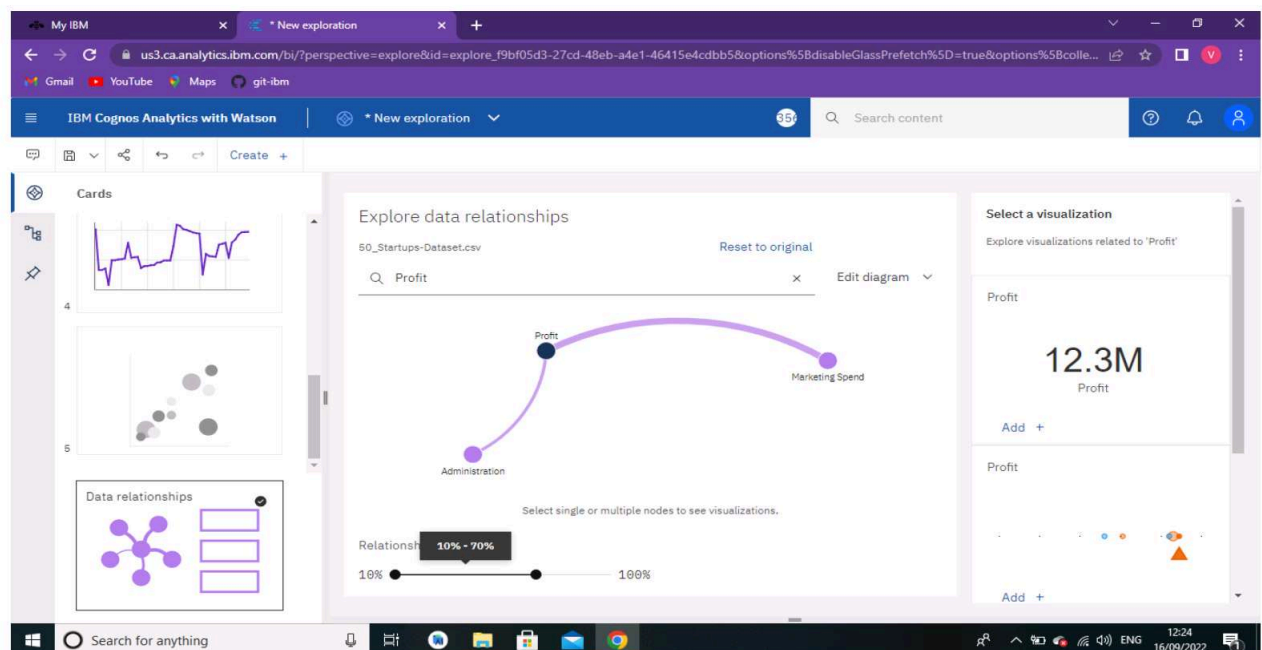
**6.By establishing the relationship exploration, the percentage of target which has affected by the various factors from given dataset get visualized**

**10%-75% profit affected by Administration, Marketing spend,R&D spending:**



**7.By establishing the relationship exploration, the percentage of target which has affected by the various factors from given dataset get visualized**

**10%-70% profit affected by Administration, Marketing spending:**



**8. Through analyzing the maximum profit by Statewise ,startups can explore which state does generate more profit among other states**

**Maximum Profit by state:**

