

**ASSIGNMENT - 1 DATA  
ANALYTICS  
EXPLORATION AND VISUALIZATION OF DATASET**

Assignment Date	08 September 2022
Student Name	DHIVYA LAKSHMLS
Student Roll Number	212219220007
Maximum Marks	2 Marks

**QUESTION:**

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

**PROBLEM DESCRIPTION:**

**Dataset:50\_Startups.csv**

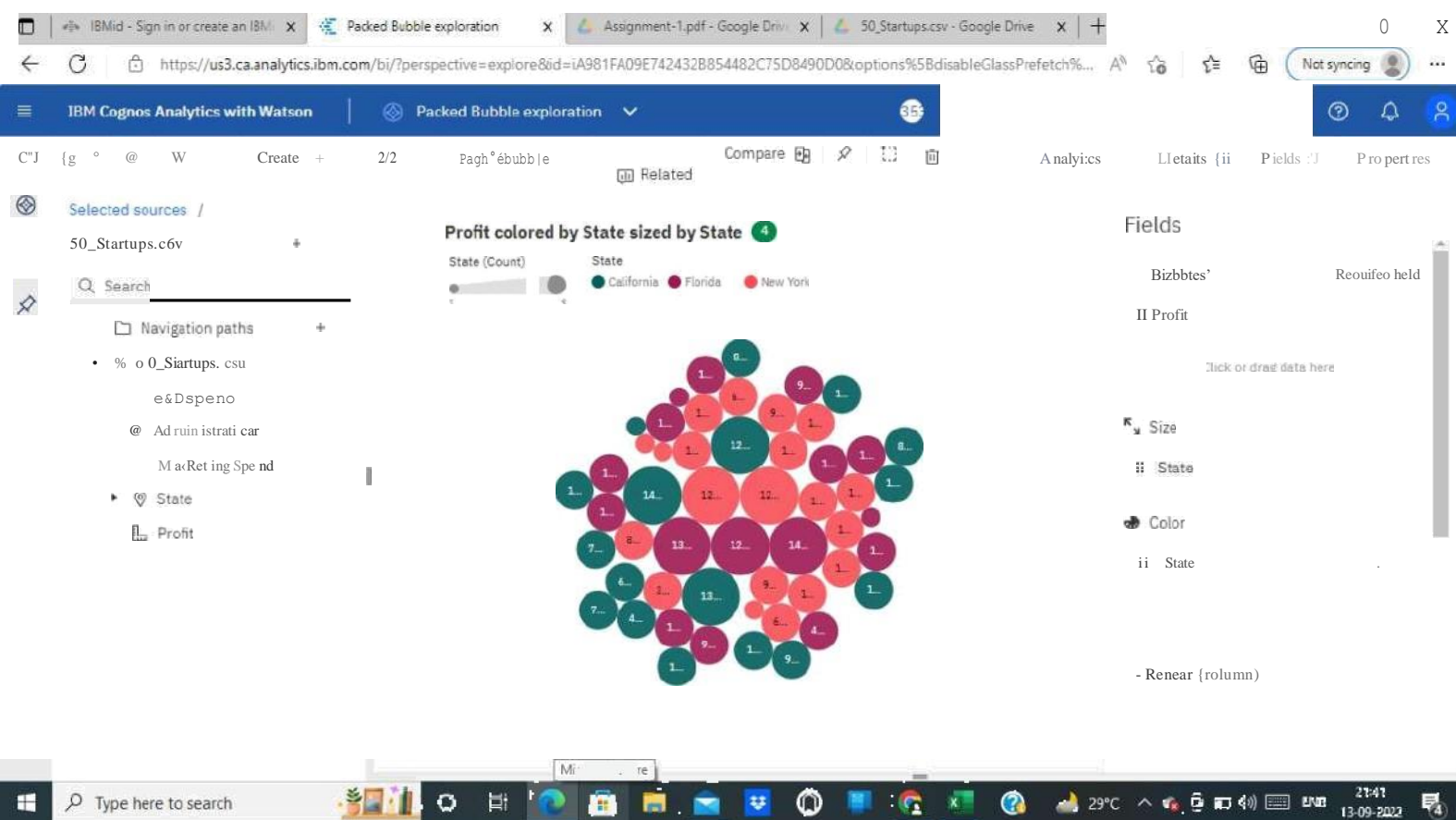
[https://drive.google.com/file/d/100OUpJFG8GQjhFztbfG5JP\\_jvzRgoihr/view?usp=sharing](https://drive.google.com/file/d/100OUpJFG8GQjhFztbfG5JP_jvzRgoihr/view?usp=sharing)

**About the 50 startups dataset**

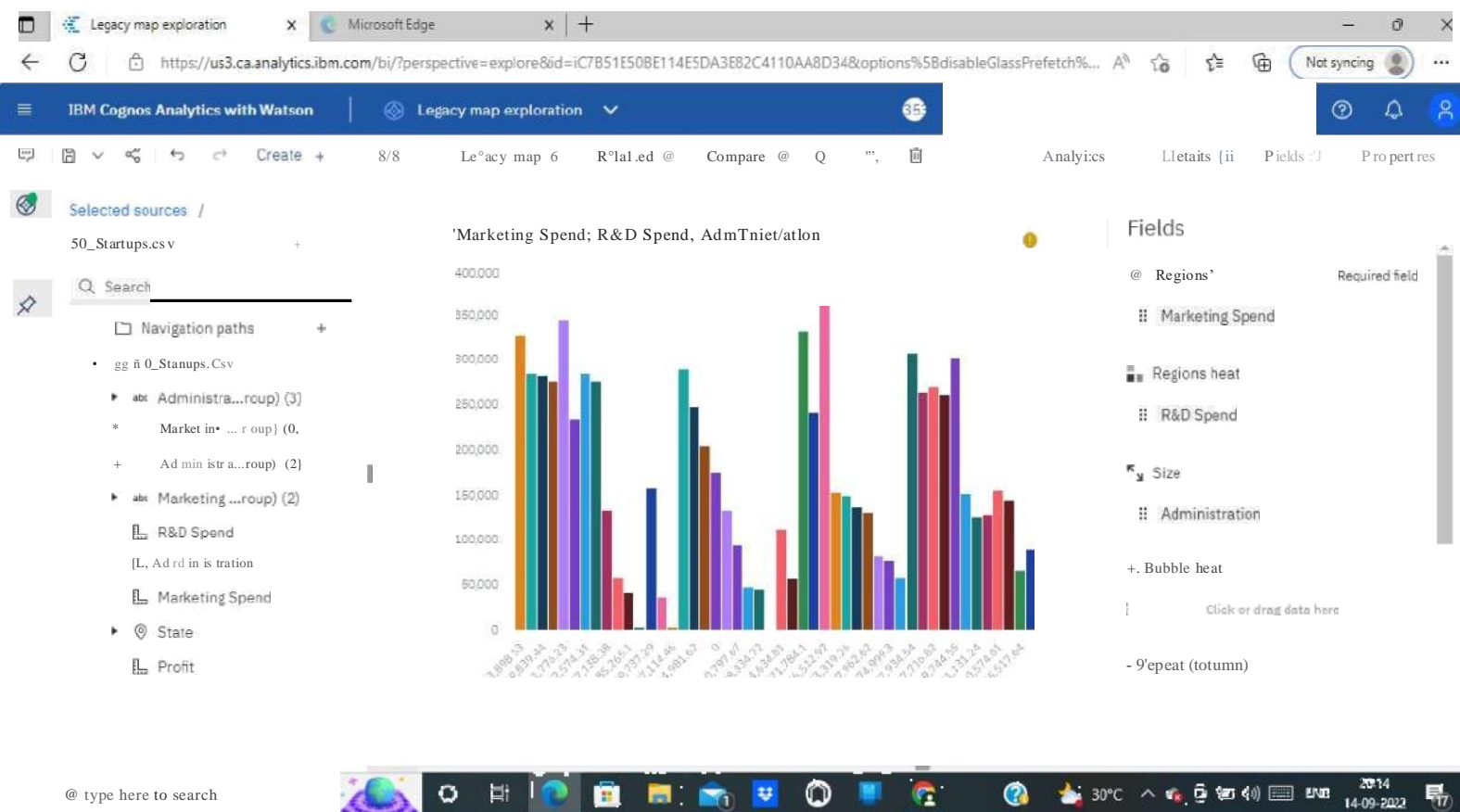
This particular dataset holds data from 50 startups in New York, California, and Florida. The features in this dataset are R&D spending, Administration Spending, Marketing Spending, and location features, while the target variable is: Profit.

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.

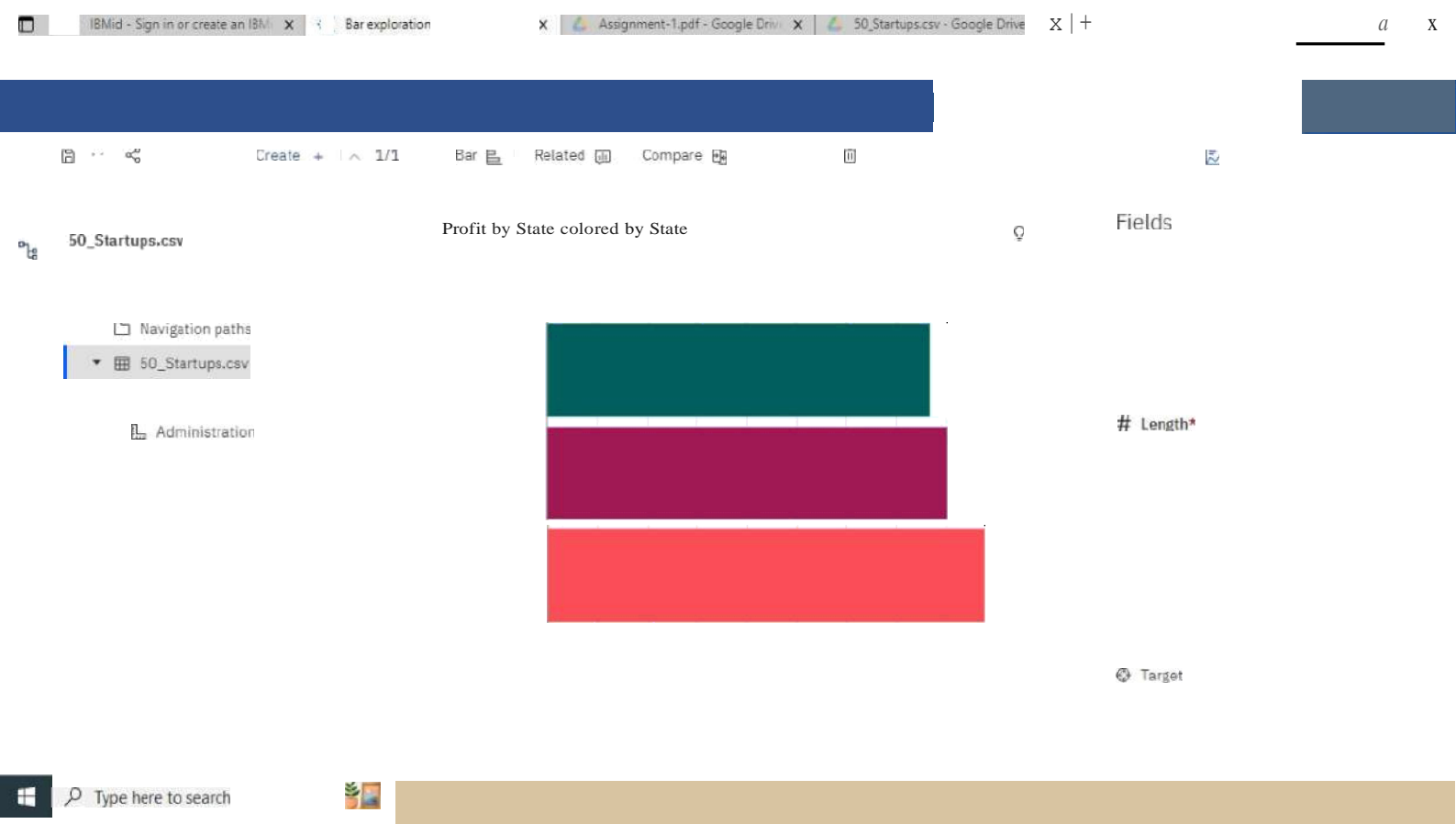
# PACKED BUBBLE EXPLORATION



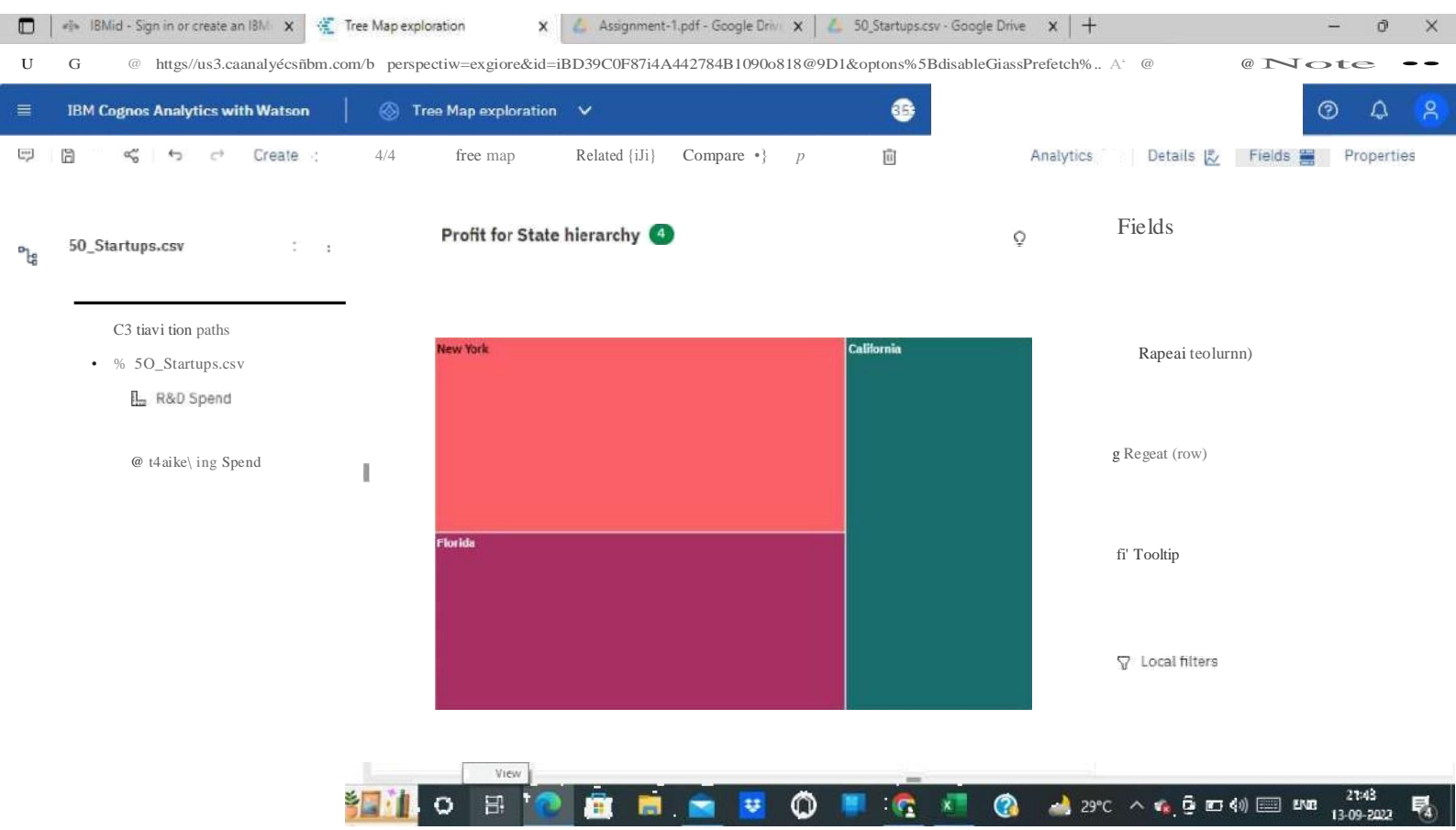
# LEGACY MAP EXPLORATION



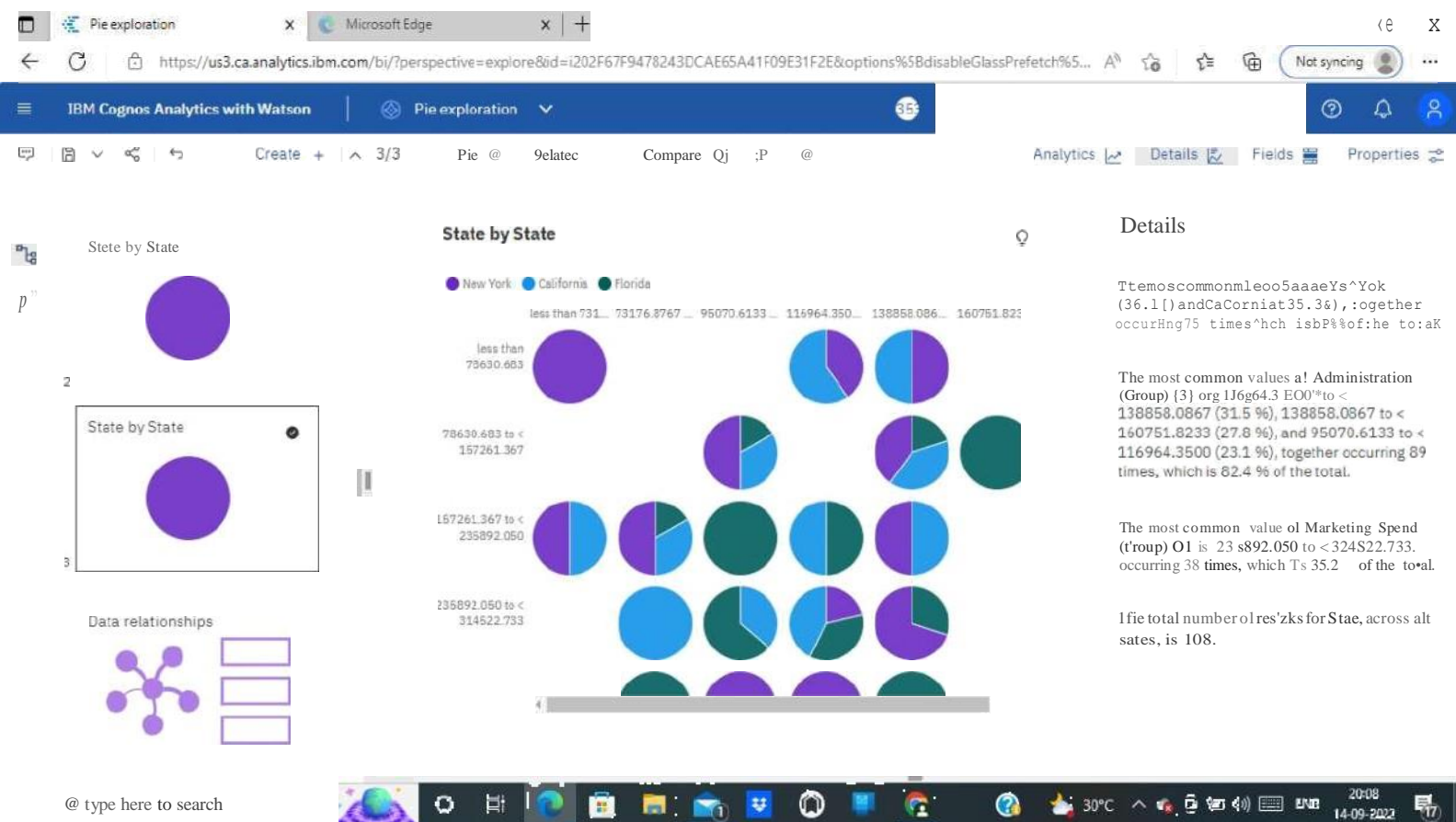
# BAR EXPLORATION



# TREE MAP EXPLORATION



# PIE EXPLORATION



# HEAT MAP EXPLORATION

