

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

Assignment Date	22 November 2022
Student Name	LAKSHNA S
Student Roll Number	210619205023
Maximum Marks	2 Marks

QUESTION:

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

PROBLEM DESCRIPTION:

Dataset:50_Startups.csv

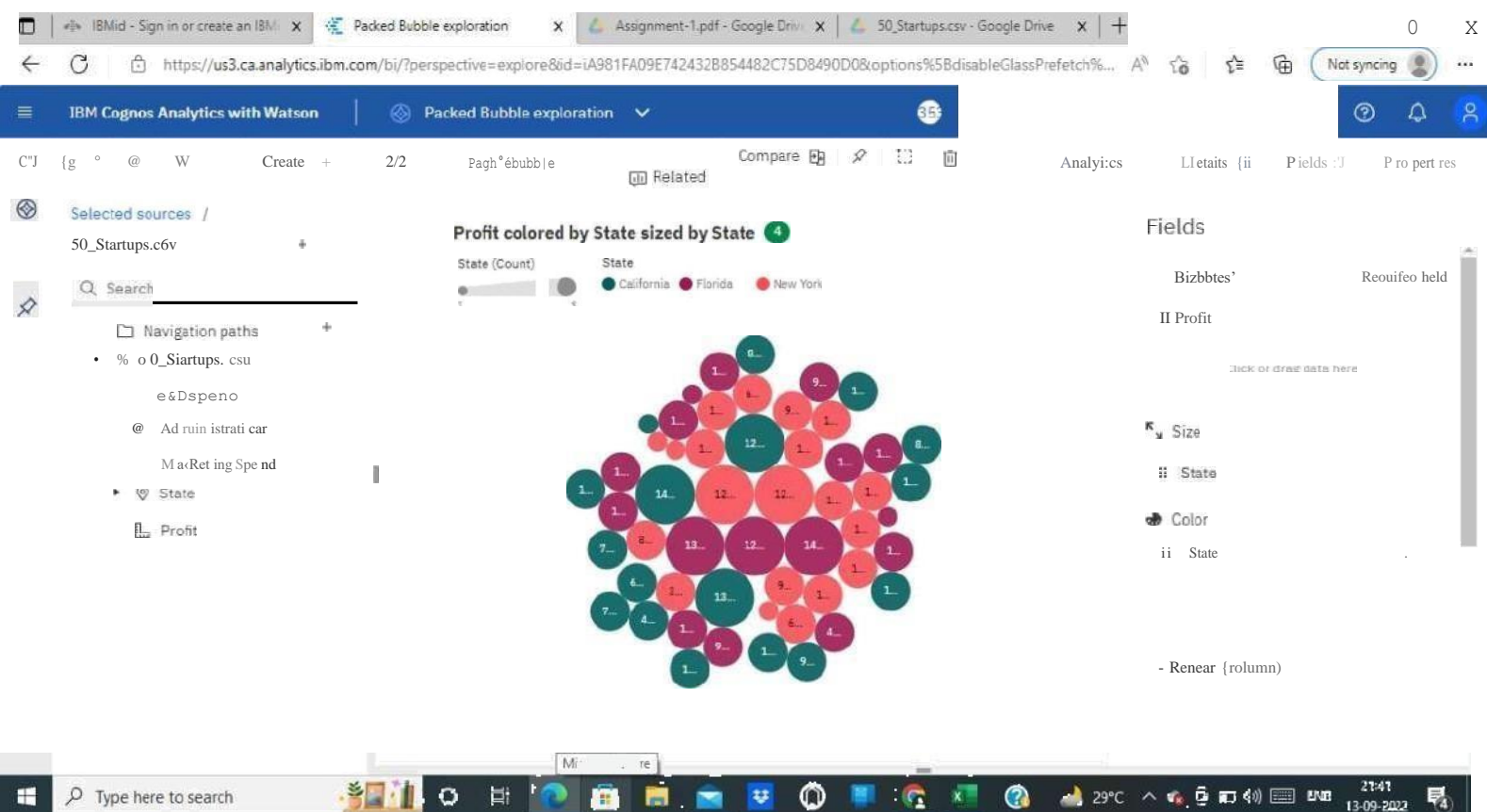
https://drive.google.com/file/d/100OUpJFG8GQjhFztbfG5JP_jvzRgoihr/view?usp=sharing

About the 50 startups dataset

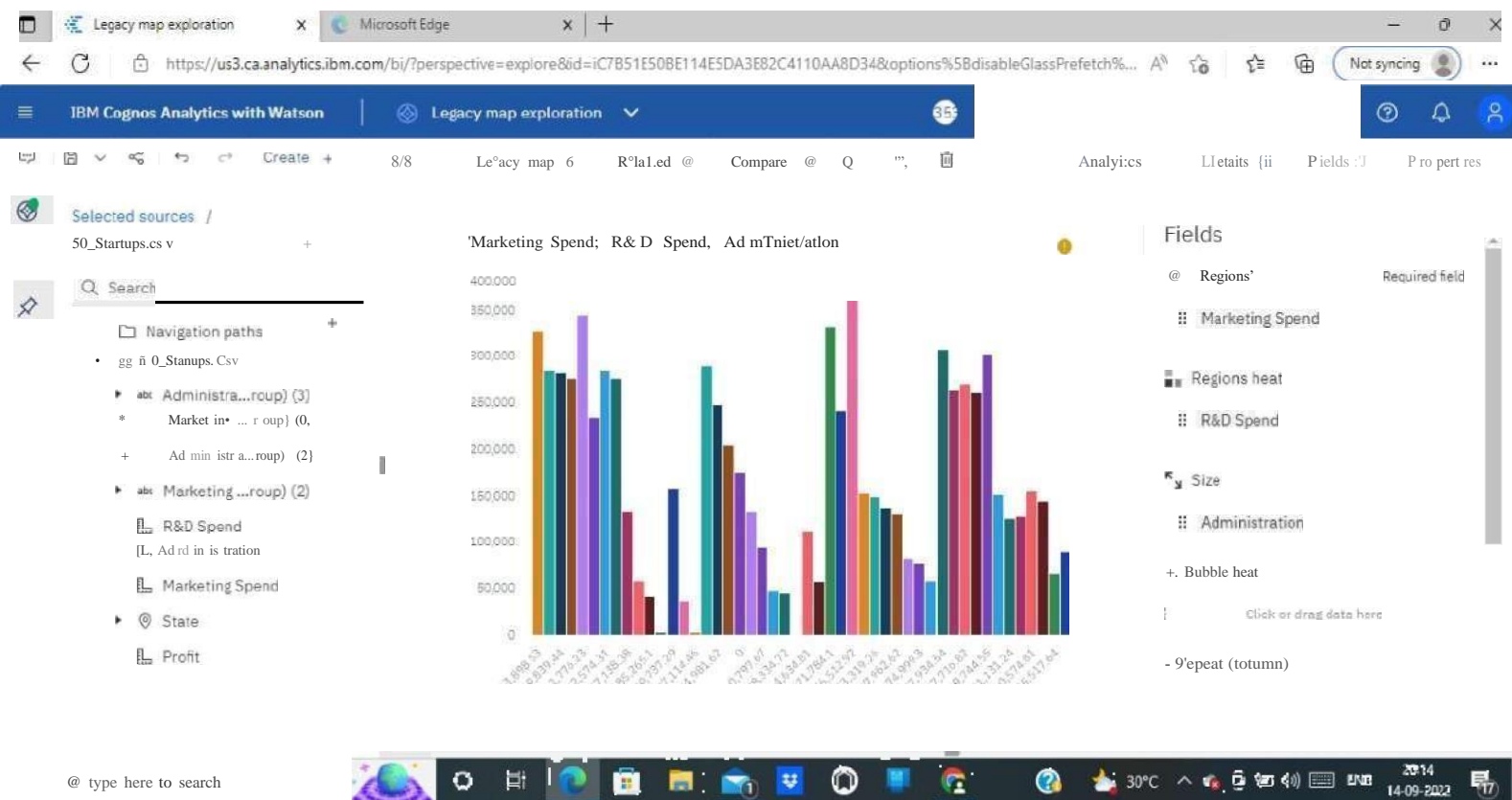
This particular dataset holds data from 50 startups in New York, California, and Florida. The features in this dataset are R&D spending, Administration Spending, Marketing Spending, and location features, while the target variable is: Profit.

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.

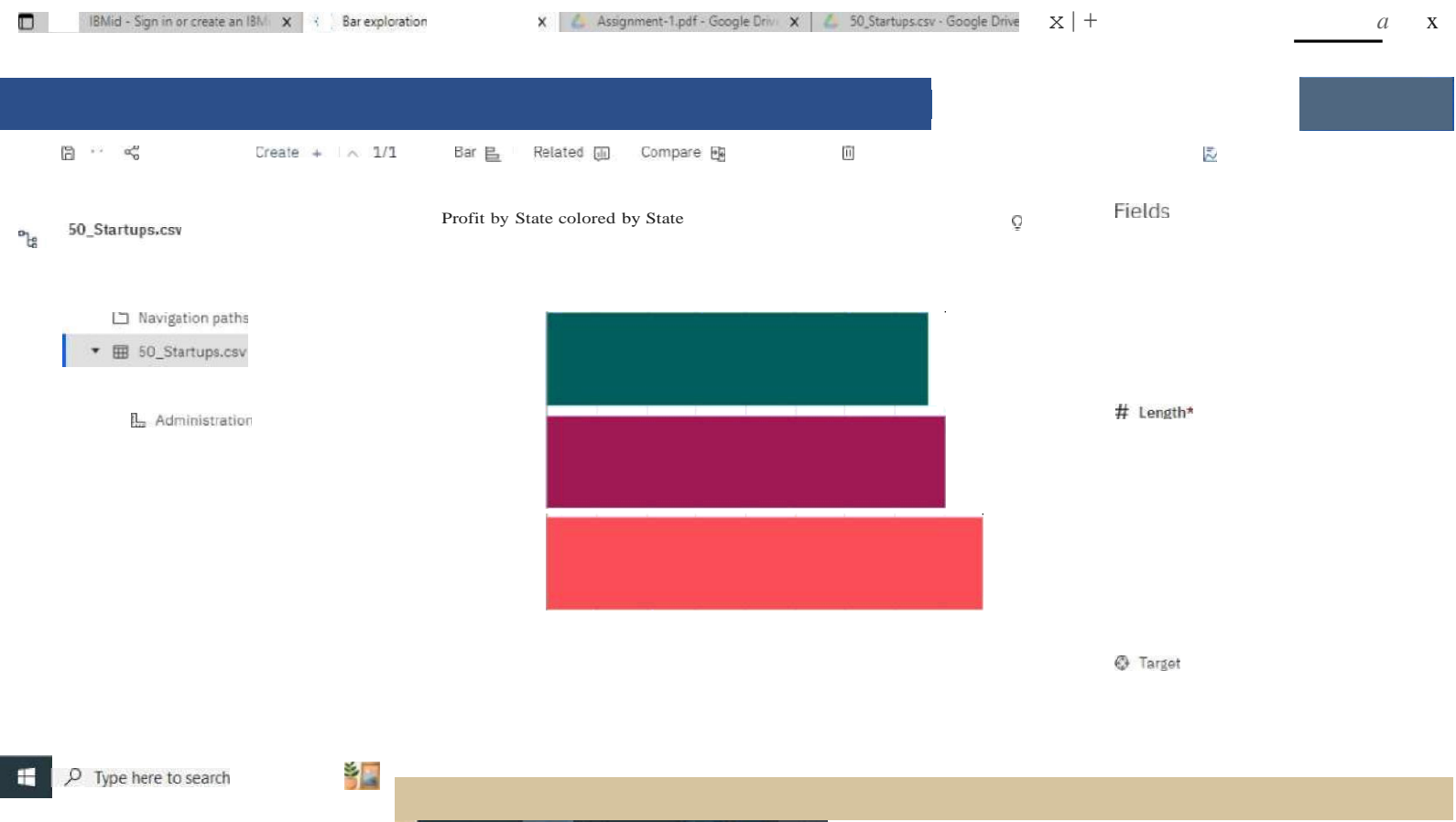
PACKED BUBBLE EXPLORATION



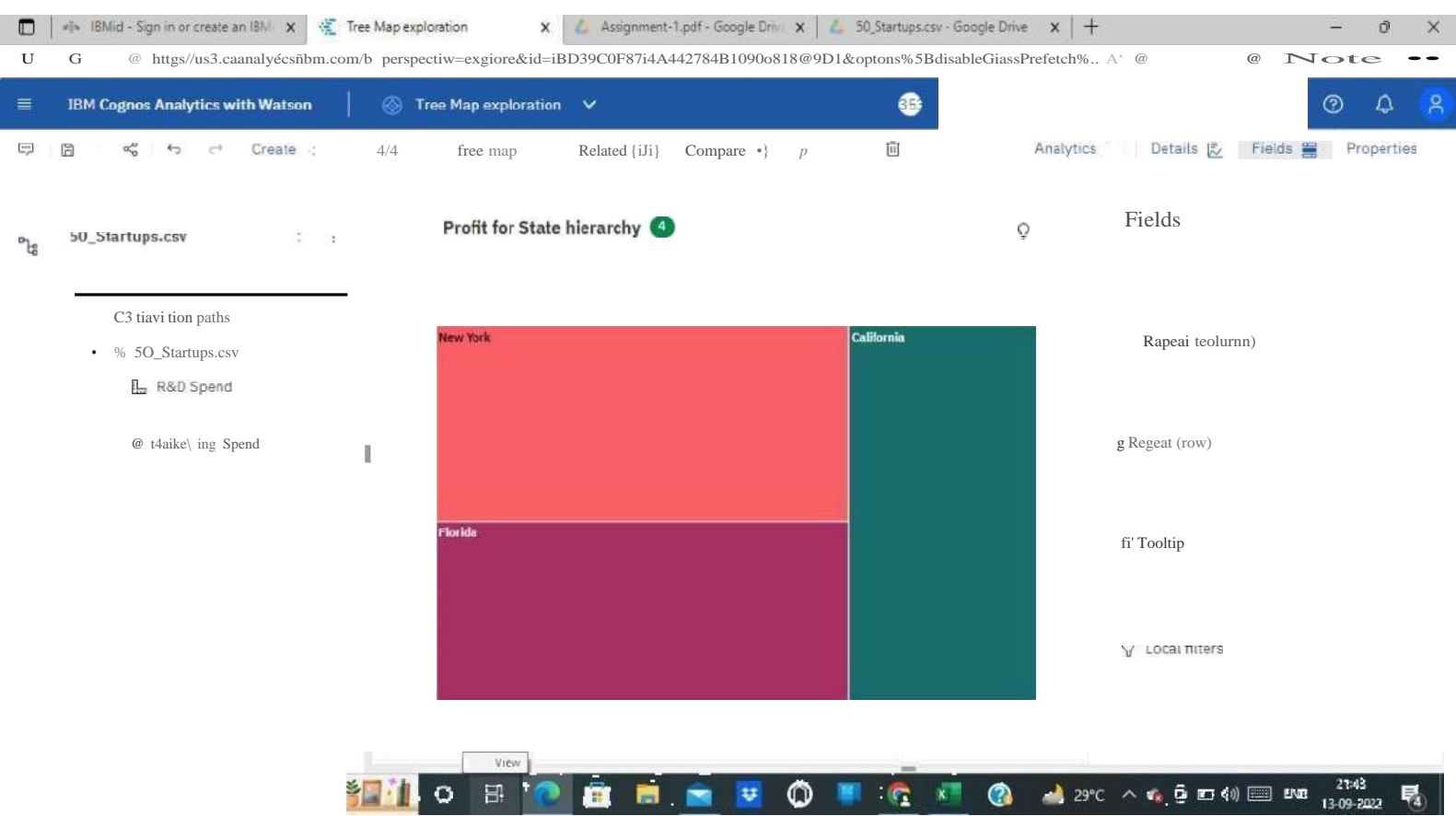
LEGACY MAP EXPLORATION



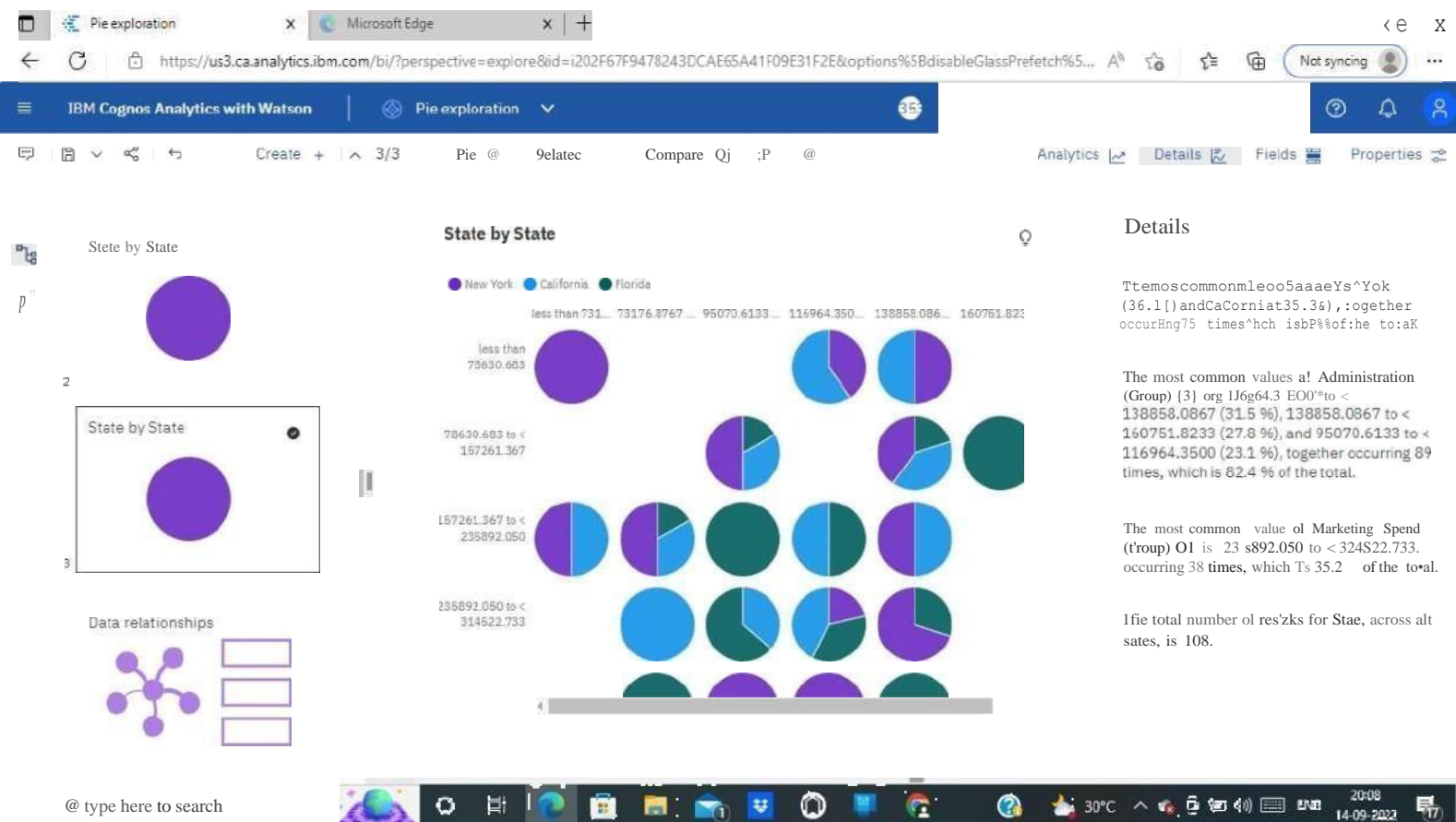
BAR EXPLORATION



TREE MAP EXPLORATION



PIE EXPLORATION



HEAT MAP EXPLORATION

