

EXPLORATION AND VISUALIZATION OF DATASET

Assignment Date	08 September 2022
Student Name	LALITHA PARAMESWARI C
Student Roll Number	212219220027
Maximum Marks	2 Marks

QUESTION:

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

PROBLEM DESCRIPTION:

Dataset:50_Startups.csv

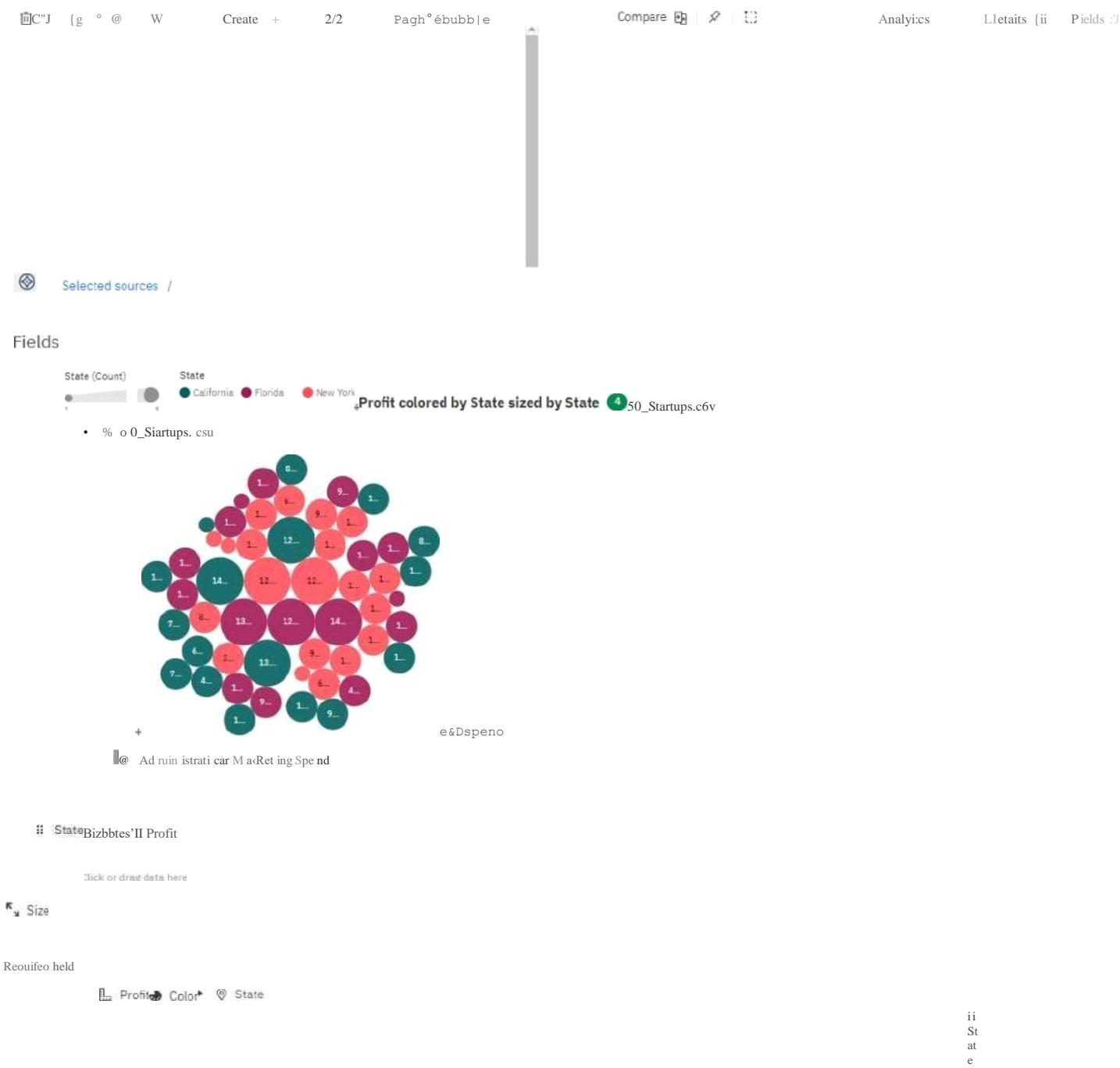
https://drive.google.com/file/d/100OUJFG8GQjhFztbfG5JP_jvzRgoihr/view?usp=sharing

About the 50 startups dataset

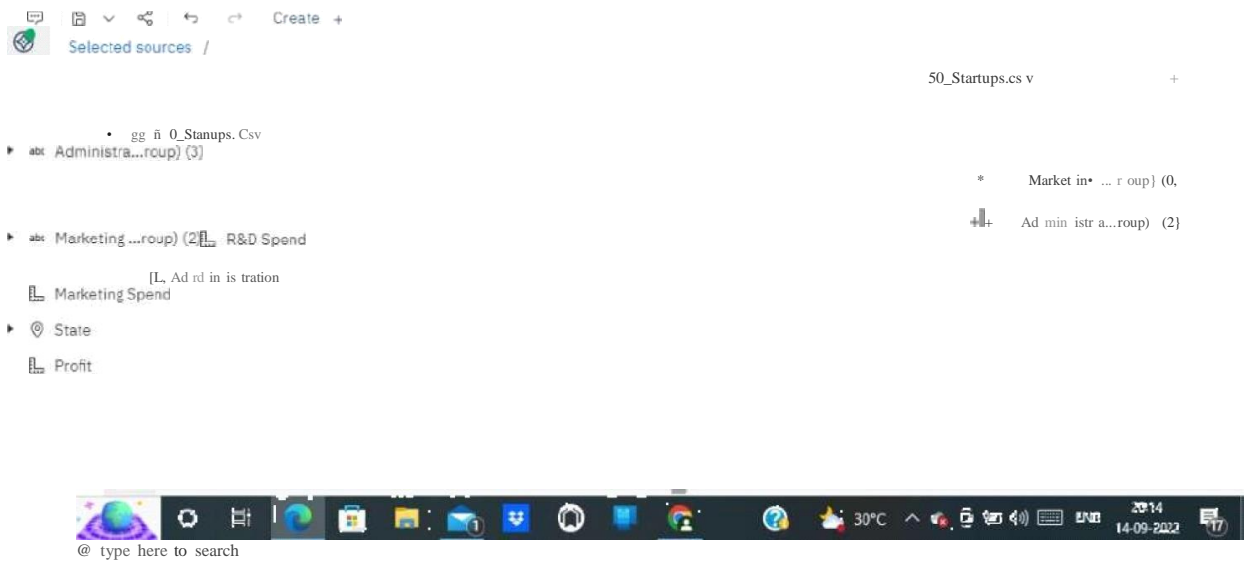
This particular dataset holds data from 50 startups in New York, California, and Florida. The features in this dataset are R&D spending, Administration Spending, Marketing Spending, and location features, while the target variable is: Profit.

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

PACKED BUBBLE EXPLORATION



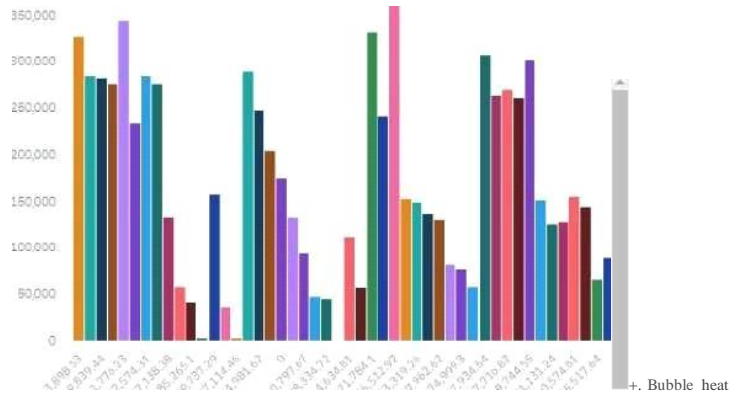
LEGACY MAP EXPLORATION



Fields

@ Regions' Required field

Marketing Spend Regions head R&D Spend Size Administration



- Repeat (column)

BAR EXPLORATION

Create + 1/1 Bar Related Compare

Assignment-1.pdf - Google Drive 50_Startups.csv - Google Drive

IBMid - Sign in or create an IBMid Bar exploration

Navigation paths

50_Startups.csv 50_Startups.csv

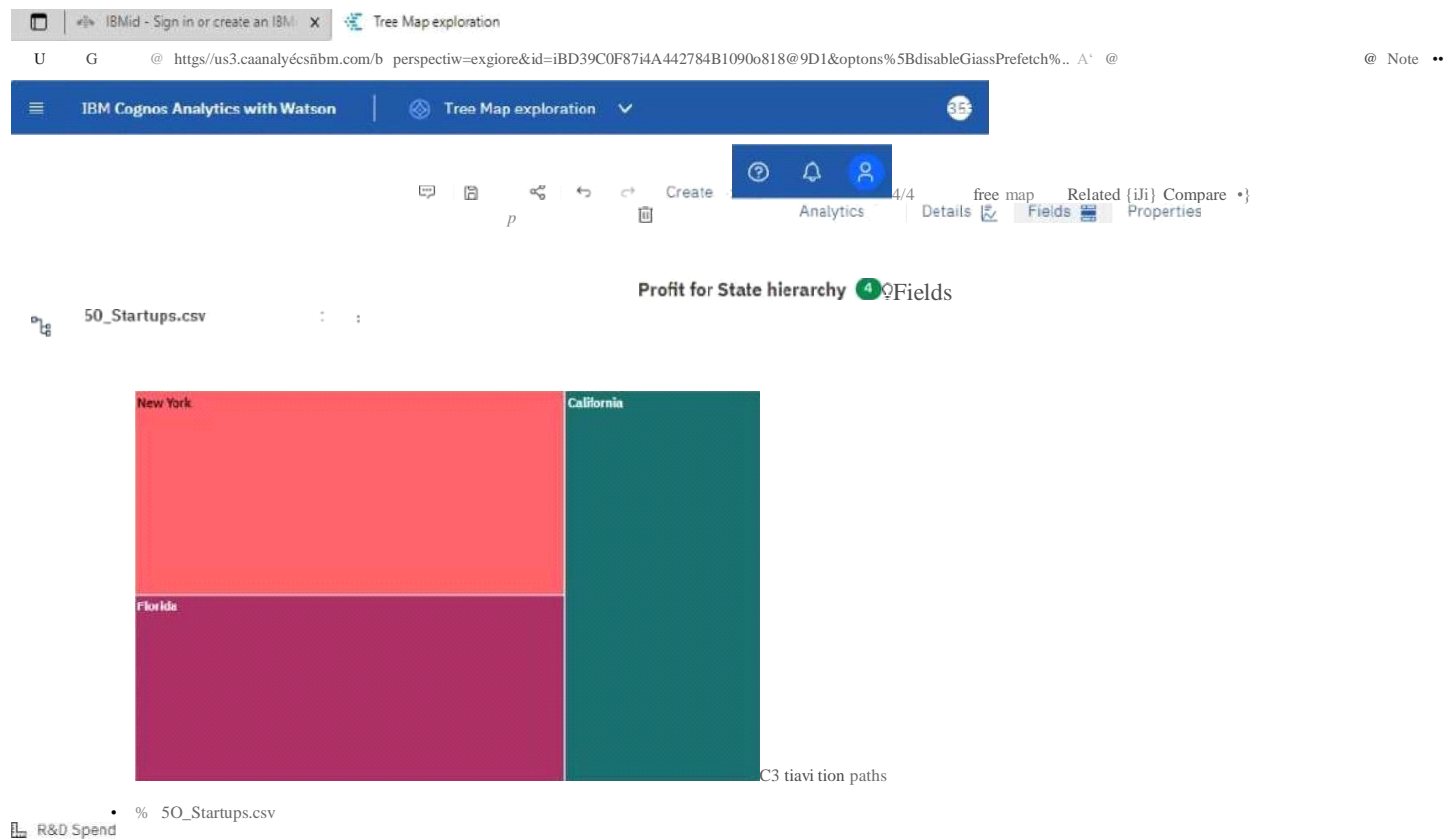
Fields# Length Administration Profit by State

colored by State

Target



TREE MAP EXPLORATION



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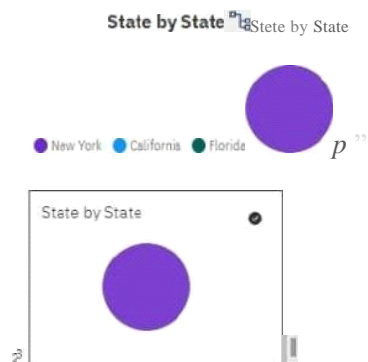
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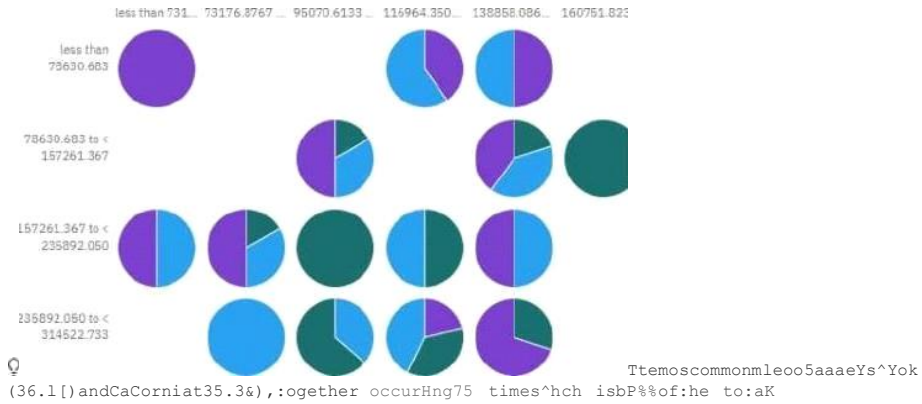
Local filters

PIE EXPLORATION

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Details



HEAT MAP EXPLORATION

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Fields

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