EXPLORATION AND VISUALIZATION OF DATASET

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

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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.

- 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.

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State (Count)

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California Florida New York

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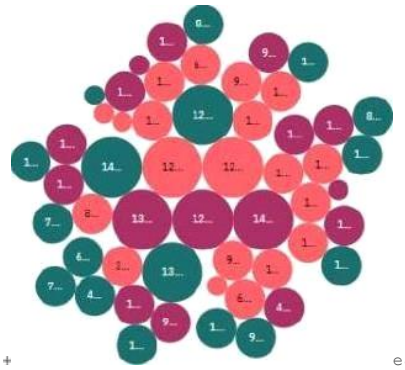

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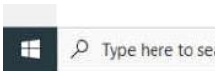

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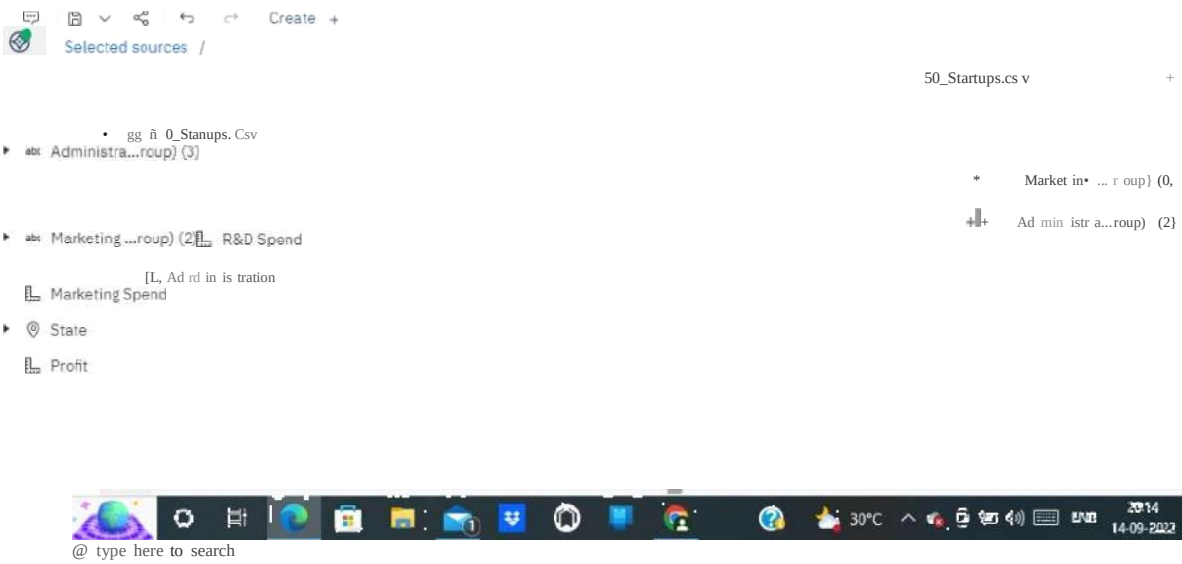

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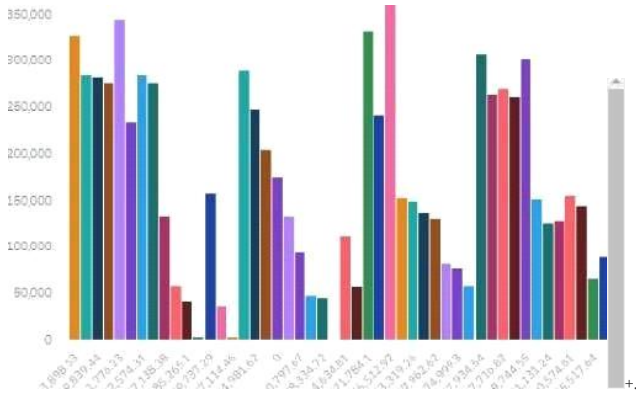

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Navigation paths

50_Startups.csv 50_Startups.csv Fields# Length* Administration Profit by State colored by State

Target

x Assignment-1.pdf - Google Driv x 50_Startups.csv - Google Drive x + TREE MAP EXPLORATION

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IBM Cognos Analytics with Watson | Tree Map exploration

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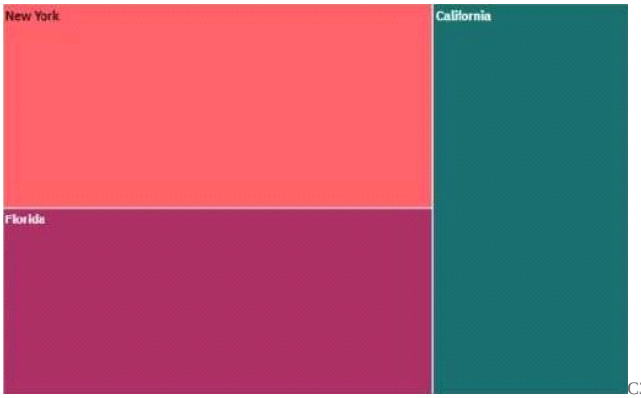

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Tooltip

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New York California Florida

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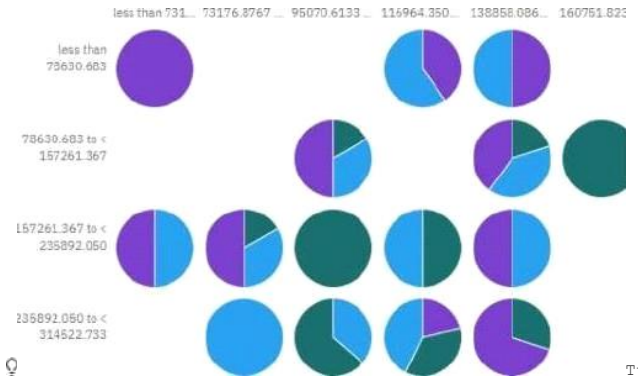
State by State

Details



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(36.l[)andCaCorniat35.3&),:ogether occurHng75 times^hch isbP%%of:he to:aK

The most common values a! Administration (Group) {3} org 1J6g64.3 EO0'*to < 138858.0867 (31.5 %), 138858.0867 to < 160751.8233 (27.8 %), and 95070.6133 to < 116964.3500 (23.1 %), together occurring 89 times, which is 82.4 % of the total.

The most common value ol Marketing Spend (t'roup) O1 is 23 s892.050 to <324S22.733. occurring 38 times, which Ts 35.2 of the to•al.

1fie total number ol res'zks for Stae, across alt sates, is 108.

Data relationships

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HEAT MAP EXPLORATION

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