ASSIGNMENT 1- THE CASE OF 50 STARTUPS

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Overview

In this article, we will be exploring the profit from the start-up's dataset with the features available to us. We're using the 50-startups dataset for this problem statement

How do start-up's work?

Well, we can say that start-up's pipeline operates on the same principles which are similar to other MNCs the major difference between both of them is that on the one hand start-up's work to make products that are beneficial for the customers on a small scale while other established companies do that work on a large scale by re-doing something which is already being done.

How start-ups are being funded?

About the 50 start-up's dataset

This particular dataset holds data from 50 start-ups 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 start-ups are spending on Research and development.

2. Administration spending: The amount which start-ups are spending on the admin panel.

3. Marketing spending: The amount which start-ups are spending on marketing strategies.

4. State: To which state that particular start-ups belong.

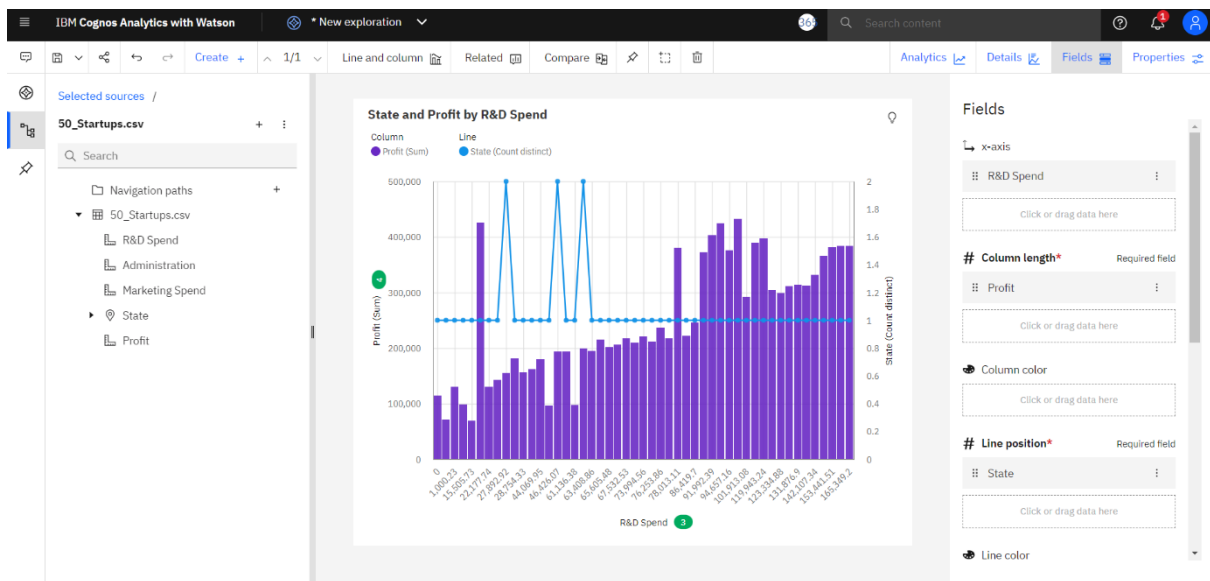5. Profit: How much profit that particular start-ups are making.

Dataset: 50-Startup-Dataset

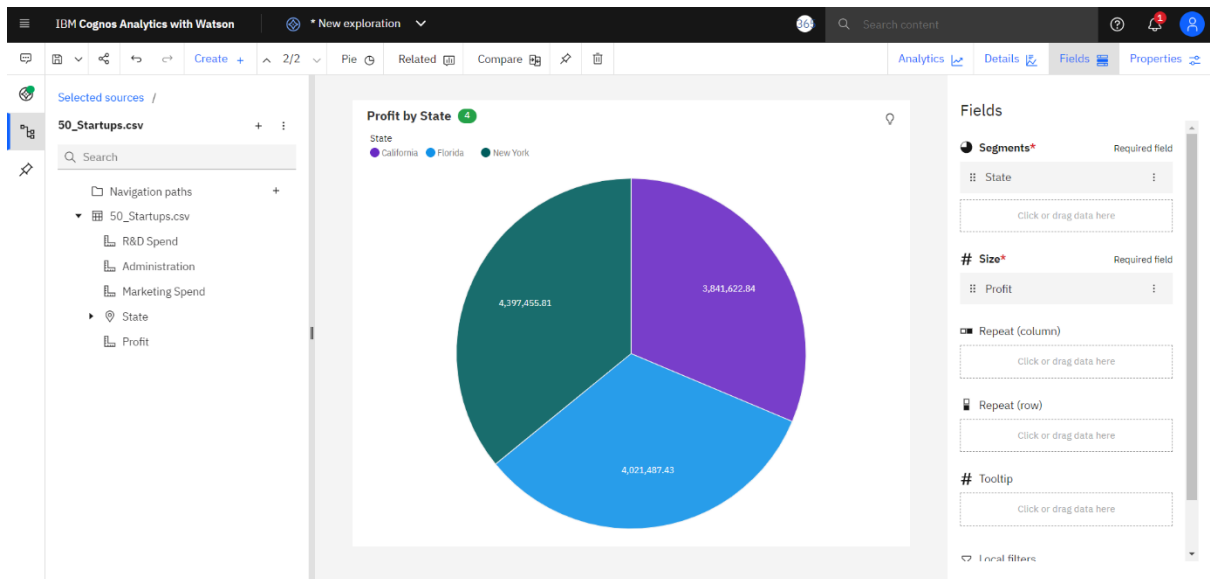https://drive.google.com/file/d/1e-YAVbSeAflTj0AS5kBufwnxITlLwrEr/view

https://drive.google.com/file/d/100OUpJFG8GQjhFztbfG5JP_jvzRgoihr/view

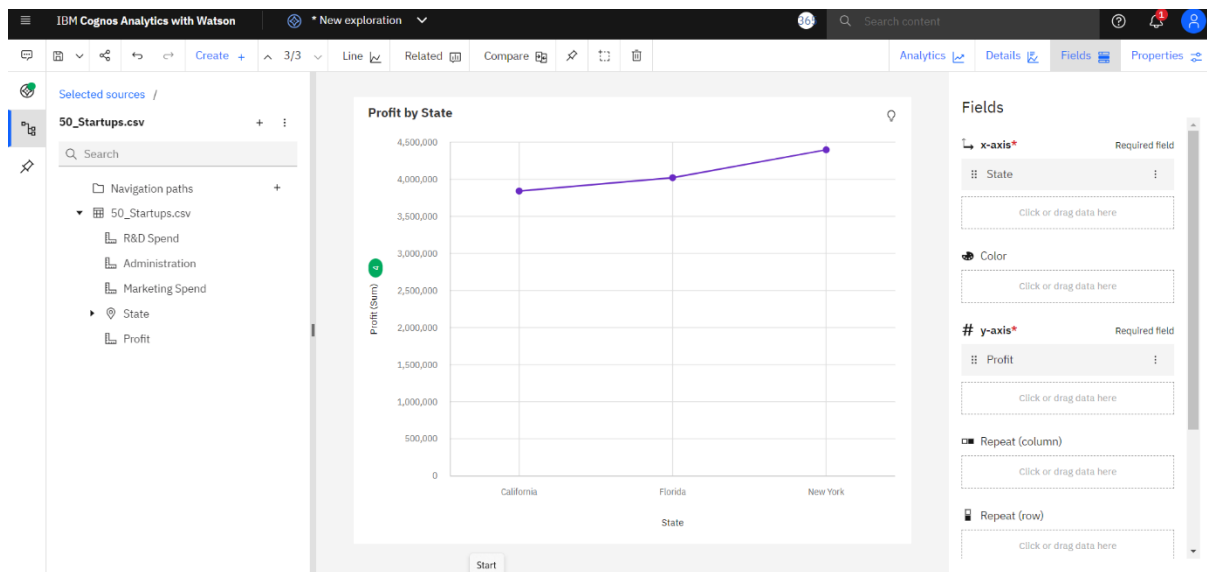**Challenge:** Upload the dataset to Cognos Analytics, explore and visualize the dataset
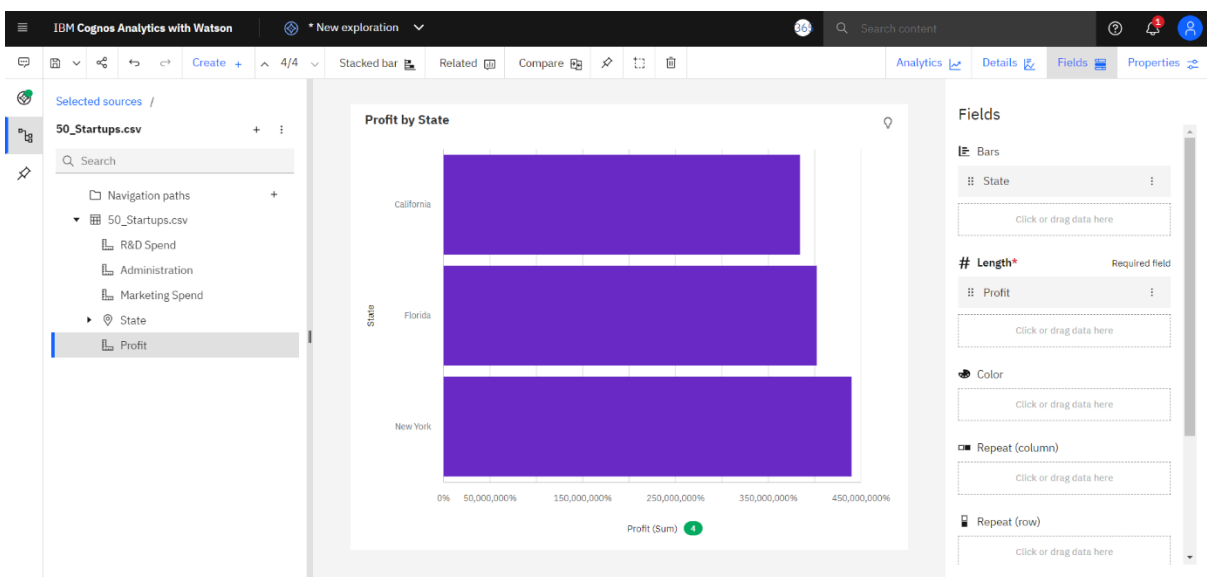
1. STATE AND PROFIT BY R&D SPEND
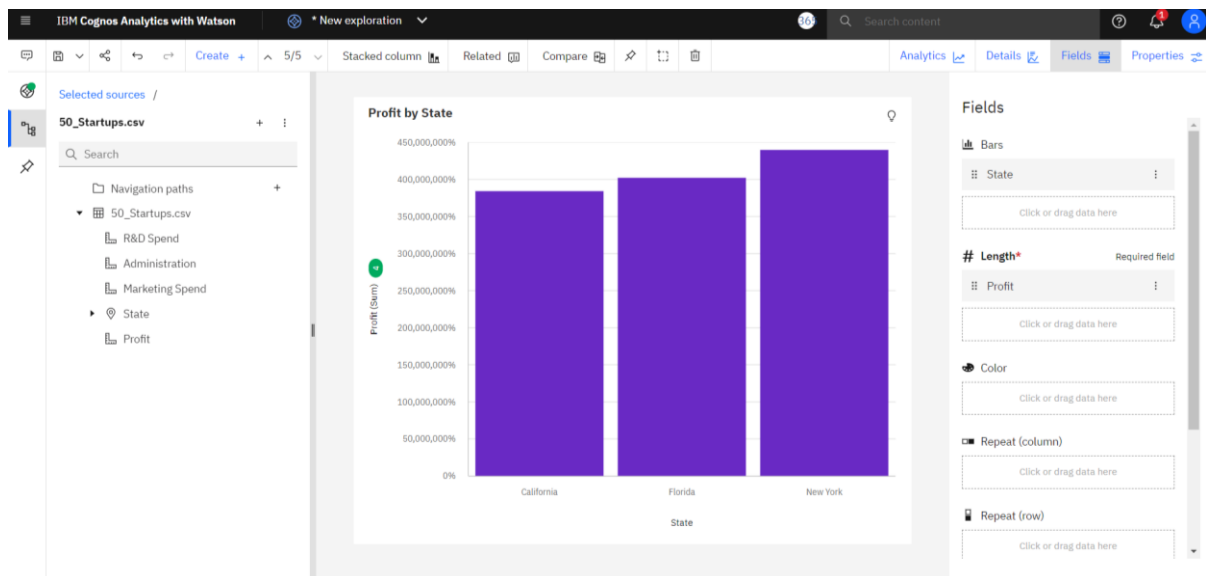

2. PROFIT BY STATE – PIE CHART

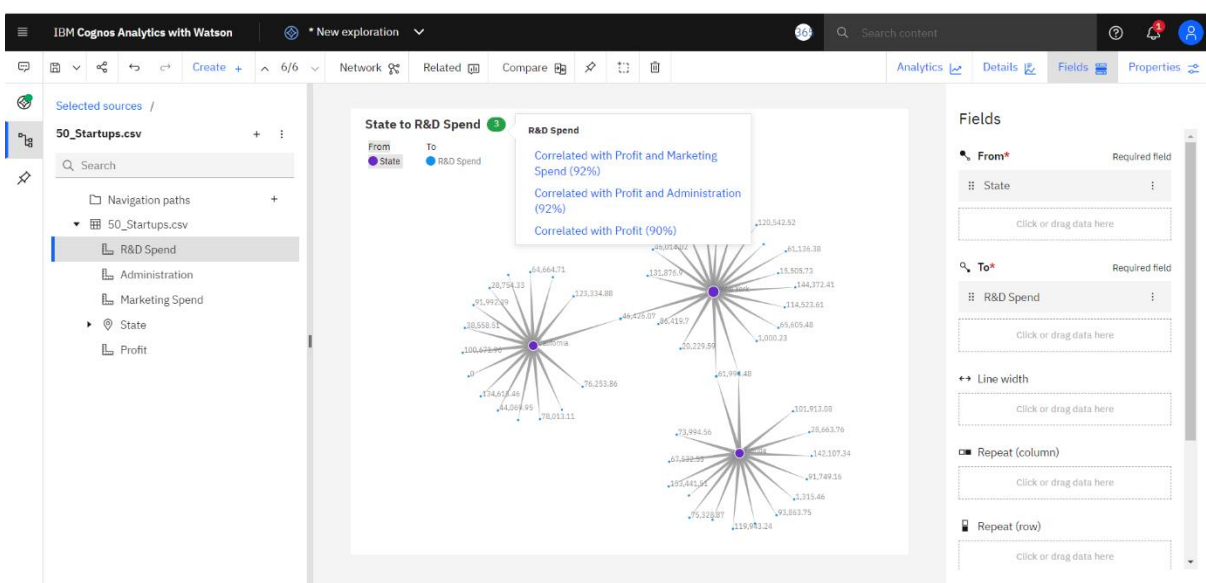## 3. PROFIT BY STATE – LINE GRAPH

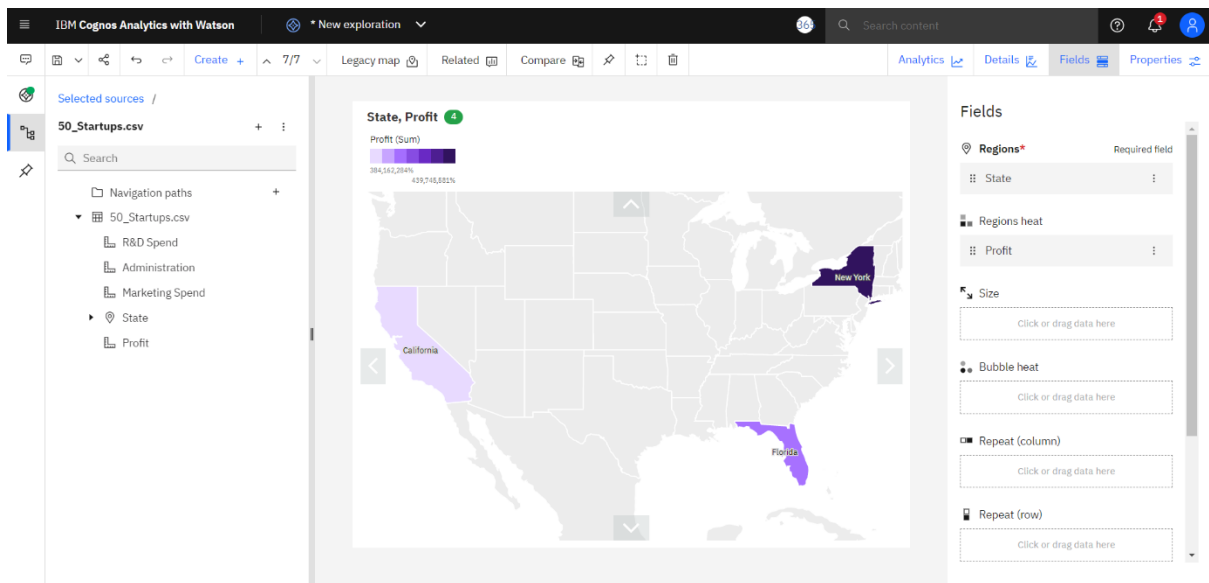## 4. PROFIT BY STATE – STACKED BAR

5. PROFIT BY STATE – STACKED COLUMN

6. STATE TO R&D SPEND – NETWORK

7. PROFIT FOR STATE REGIONS – GEOSPATIAL LEGACY MAP

8. PROFIT BY STATE – RADIAL