

## Assignment -1

Estimate the crop yield using data analytics

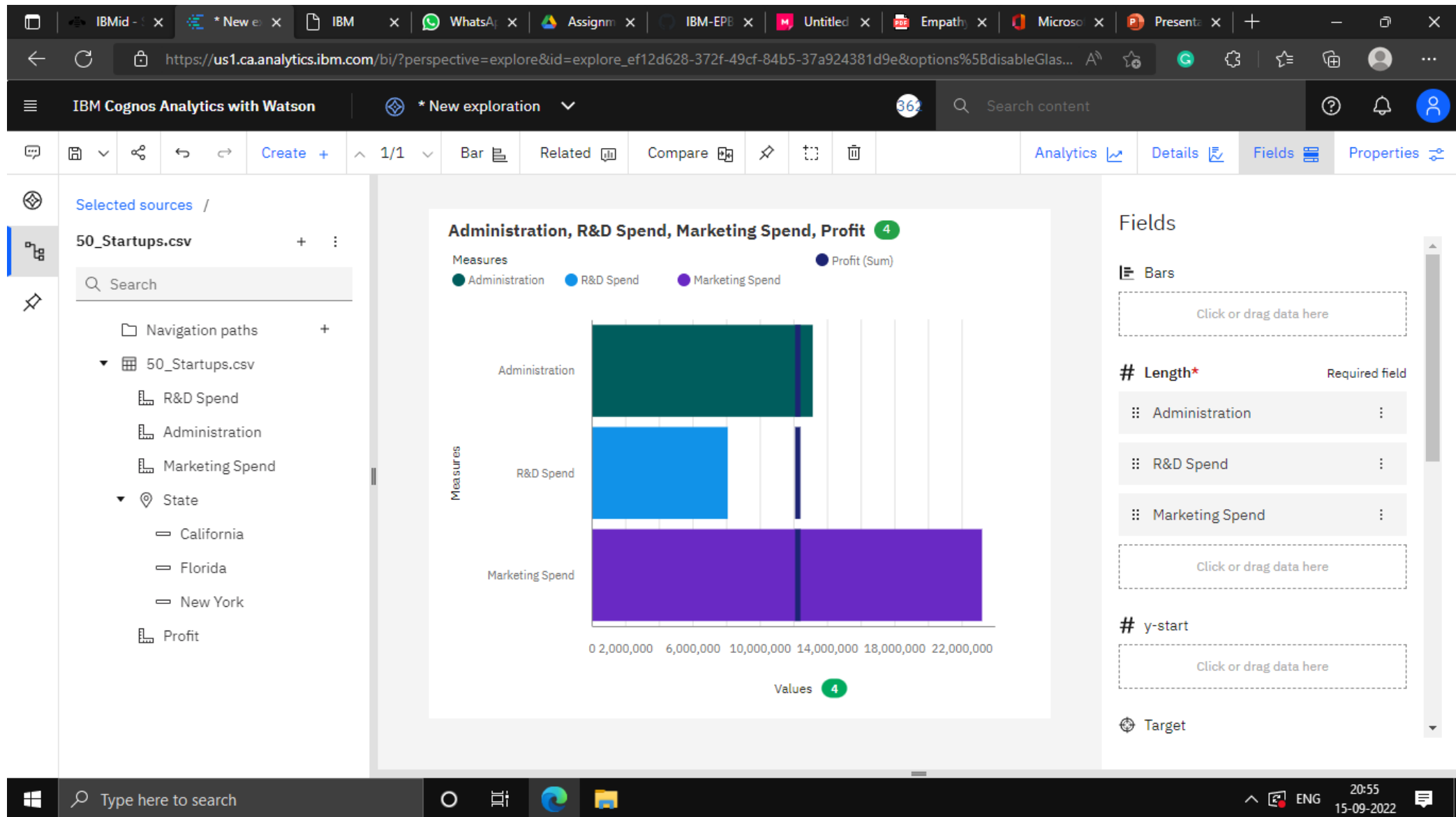
Assignment Date	10 September 2022
Student Name	A. Suhail Basha
Student Roll Number	311819104045
Maximum Marks	2 Marks

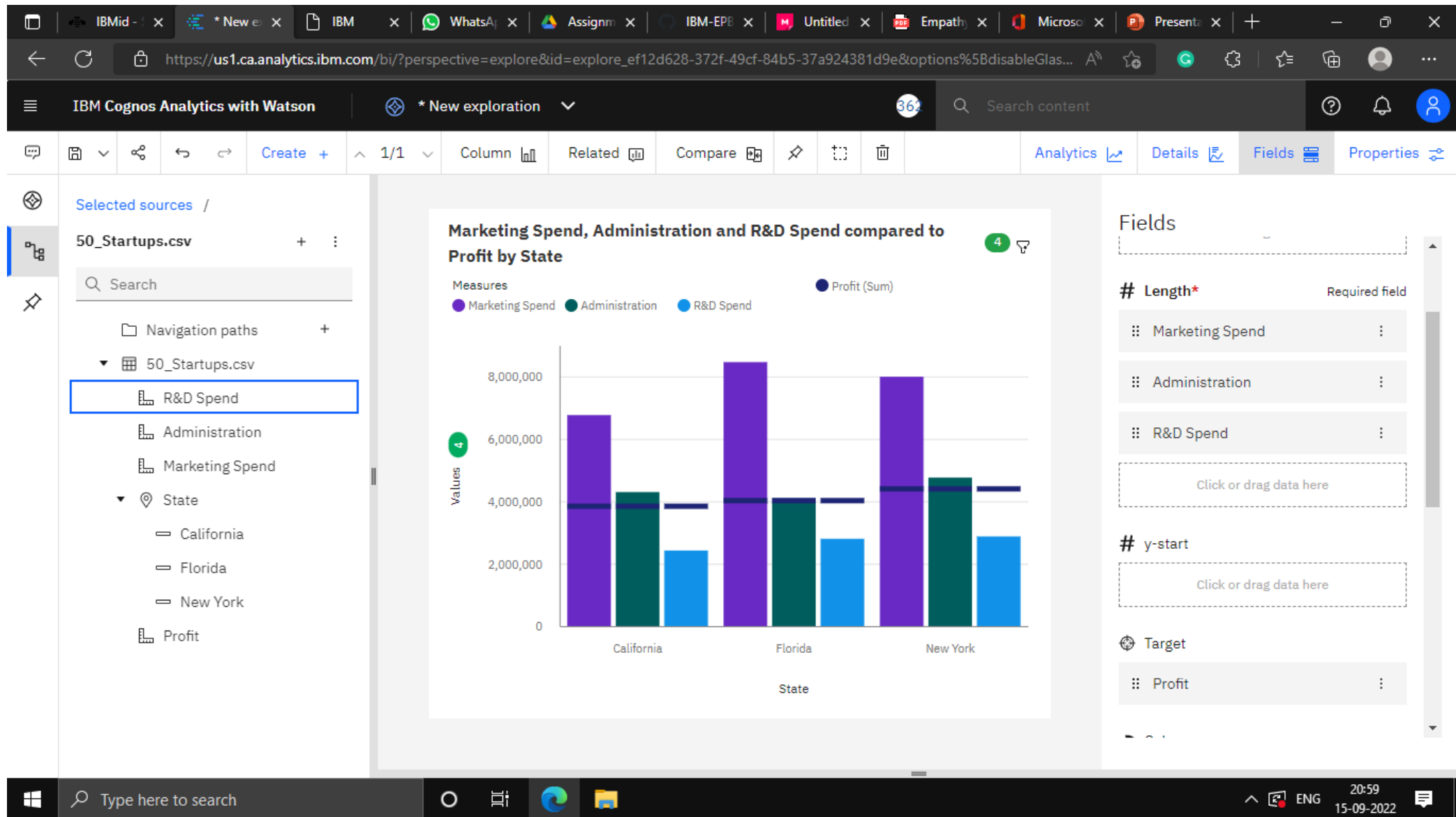
### Question-1:

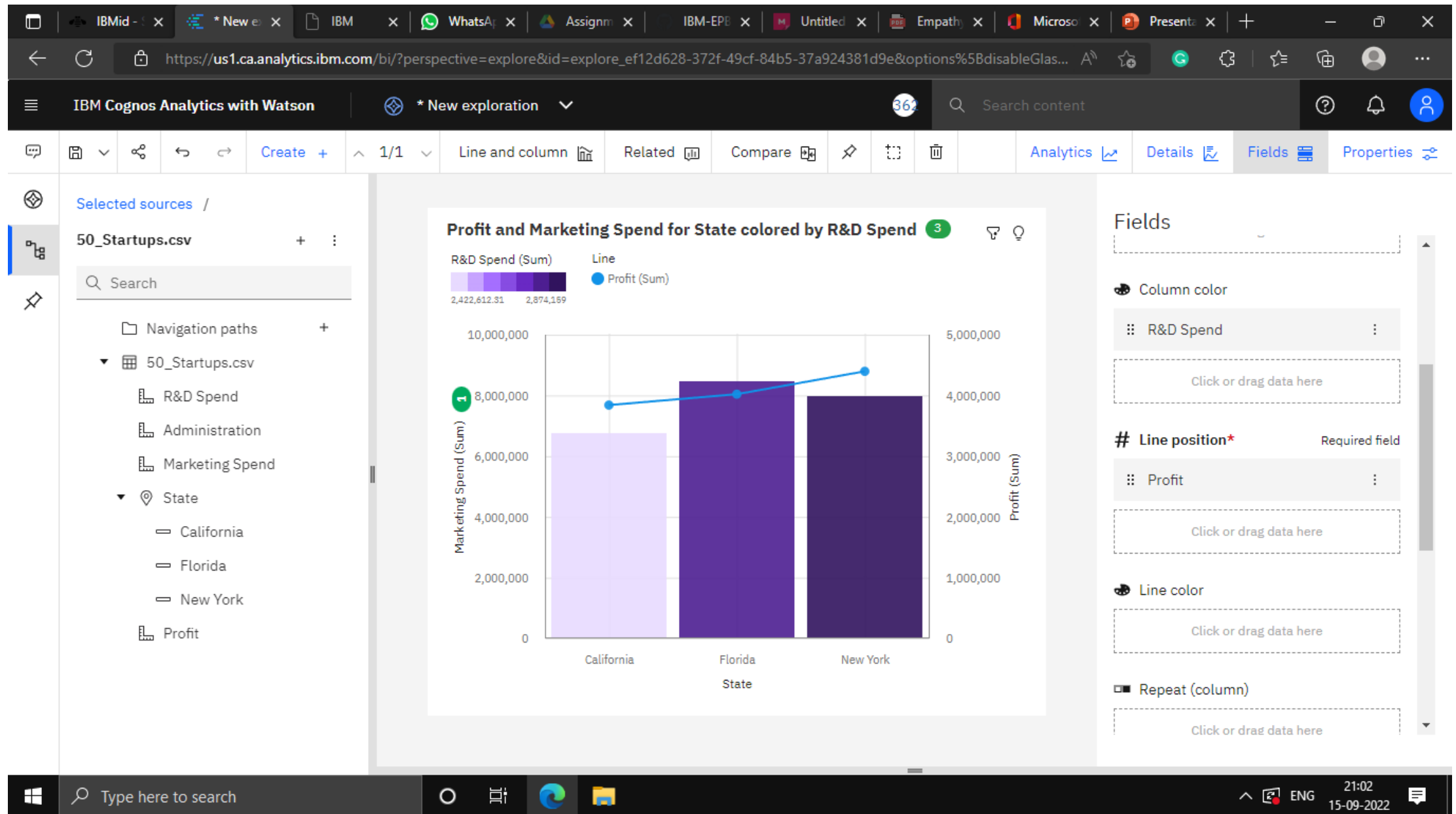
Upload the dataset to Cognos Analytics, explore and visualize the dataset.

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.

### Solution:







Selected sources /

50\_Startups.csv

Search

Navigation paths

50\_Startups.csv

R&D Spend

Administration

Marketing Spend

State

California

Florida

New York

Profit

### State, Marketing Spend, Profit, R&D Spend and Administration 8

State	Marketing Spend	R&D Spend	Administration	Profit
California	6,762,349.47	2,422,612.31	4,296,570.55	3,841,622.84
Florida	8,460,023.62	2,798,837.27	4,094,296.26	4,021,487.43
New York	7,992,514.7	2,874,159	4,758,218.39	4,397,455.81
Summary	23,214,887.79	8,095,608.58	13,149,085.2	12,260,566.08

### Fields

Columns\*

Required field

State

Includes: California, Florida, New York 3

Marketing Spend

R&D Spend

Administration

Profit

Click or drag data here

Local filters

Click or drag data here

Selected sources /

50\_Startups.csv

Search

Navigation paths

50\_Startups.csv

R&D Spend

Administration

Marketing Spend

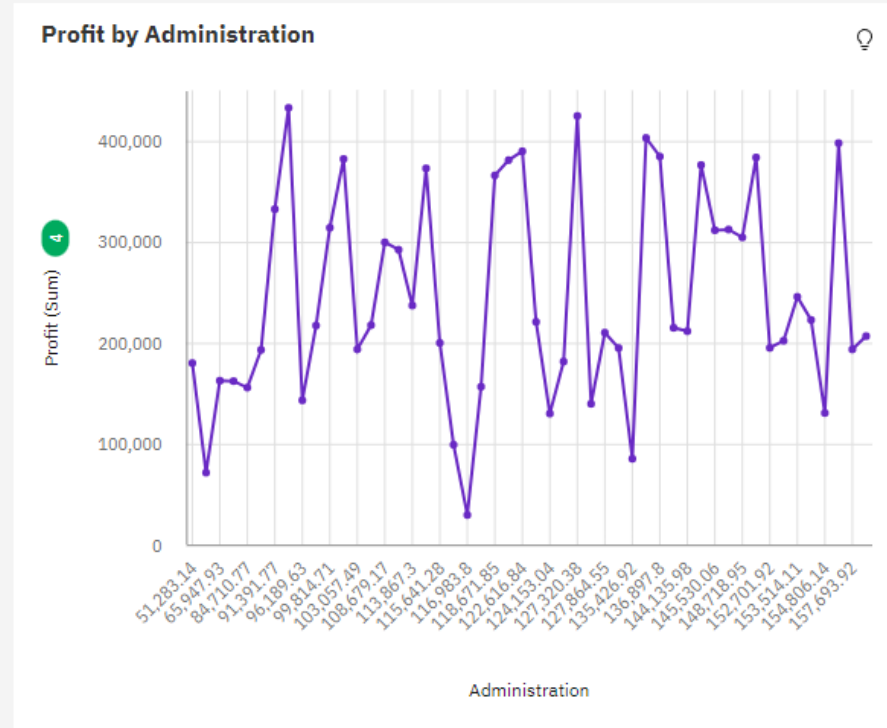
State

California

Florida

New York

Profit



## Fields

x-axis\* Required field

Administration

Click or drag data here

Color

Click or drag data here

# y-axis\* Required field

Profit

Click or drag data here

Repeat (column)

Click or drag data here

IBM Cognos Analytics with Watson

\* New exploration

362

Search content

?

🔔

👤

🗨

📄

🔗

↶

↷

Create +

2/2

Summary

Related

Compare

✂

🗑

Analytics

Details

Fields

Properties

🔗

📄

🔗

✂

🗑

Cards

Profit, R&D Spe...Administration

1

Profit

2

12.3M

Profit

Data relationships

🔗

📄

🔗

✂

🗑

Profit 4

12.3M

Profit

Details

The total number of results for Profit is 108.

🏠

Type here to search

🔍

📄

🔗

🌐

📁

ENG

21:12

15-09-2022

🗨