

Assignment -1

Estimate the crop yield using data analytics

Assignment Date	10 September 2022
Student Name	Vanchinathan. V
Student Roll Number	311819104050
Maximum Marks	2 Marks

Question-1:

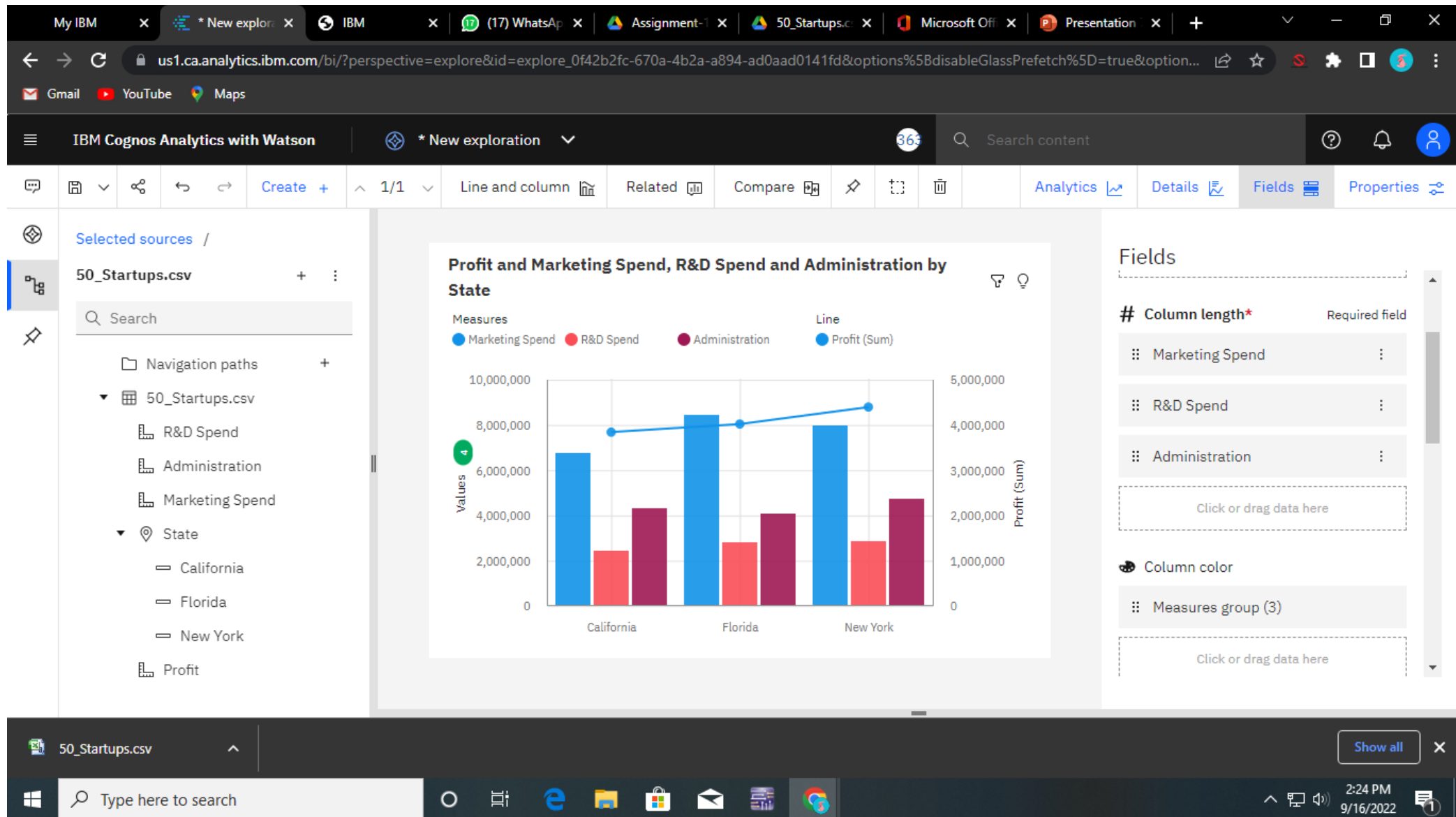
Upload the dataset to Cognos Analytics, explore and visualize the dataset.

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:

The screenshot displays the IBM Cognos Analytics web interface. On the left, a sidebar shows 'Selected sources' with a tree view containing '50_Startups.csv', 'R&D Spend', 'Administration', 'Marketing Spend', 'State' (with sub-items for California, Florida, and New York), and 'Profit'. The main area features a pie chart titled 'Profit by State' with a legend for California (red), Florida (green), and New York (blue). The chart segments are labeled with their respective profit values: California (3,841,622.84), Florida (4,021,487.43), and New York (4,397,455.81). On the right, a 'Details' panel provides a summary: 'Across all states, the sum of Profit is over 12 million.' and 'Profit ranges from over 3.8 million, in California, to nearly 4.4 million, in New York.'

State	Profit
California	3,841,622.84
Florida	4,021,487.43
New York	4,397,455.81



My IBM

* New explor...

IBM

(17) WhatsApp

Assignment-1

50_Startups.c...

Microsoft Offi...

Presentation

+

←

→

↺

us1.ca.analytics.ibm.com/bi/?perspective=explore&id=explore_0f42b2fc-670a-4b2a-a894-ad0aad0141fd&options%5BdisableGlassPrefetch%5D=true&option...

☆

🔧

🗖

👤

⋮

📧 Gmail

📺 YouTube

📍 Maps

☰

IBM Cognos Analytics with Watson

🔗 * New exploration

363

🔍 Search content

?

🔔

👤

💬

📄

🔗

↶

↷

Create +

🔗

Cards

1

2

Profit

12.3M

Profit

Data relationships

🔗

📄

📄

📄

Explore data relationships

50_Startups.csv

Reset to original

🔍 Profit

✕

Edit diagram

Administration

Profit

Marketing Spend

R&D Spend

Relationship diagram ⓘ

10%

100%

Profit

...

Add +

Administration and Profit for State regions

🌐

Add +

See more

📄 50_Startups.csv

Show all

✕

🏠

🔍 Type here to search

🔍

📺

📄

📁

🛒

✉

📅

🌐

🔊

📶

2:28 PM

9/16/2022

🗨 1

My IBM

* New explor...

IBM

(17) WhatsApp

Assignment-1

50_Startups.c...

Microsoft Offi...

Presentation

+

⌵

⌵

⌵

⌵

⌵

⬅➡🔄us1.ca.analytics.ibm.com/bi/?perspective=explore&id=explore_0f42b2fc-670a-4b2a-a894-ad0aad0141fd&options%5BdisableGlassPrefetch%5D=true&option...🔖🌟🛑⚙️🗖️👤⋮

GmailYouTubeMaps

☰IBM Cognos Analytics with Watson

🔗* New exploration ⌵

363

🔍Search content

🔍🔔👤

💬📄⌵🔗↩️↪️Create +^ 2/2 ⌵Summary📄Related📄Compare📄✂️🗑️

Analytics📈Details📄Fields📄Properties🔗

🔗Cards

1


2

Profit

12.3M

Profit

Data relationships



Profit 4

12.3M

Profit

Details

The total number of results for **Profit** is 108.

50_Startups.csv ⌵

Show all ✕

🏠🔍Type here to search

🔍📄📁🛒📧📅🌐

⌵🔊🔇2:28 PM9/16/2022🗨️1

