

# **ASSIGNMENT -1**

## **THE CASE OF 50 STARTUPS**

|                 |                 |
|-----------------|-----------------|
| Assignment Date | 7 NOVEMBER 2022 |
| Student Name    | RAGUL R         |
| Maximum Marks   | 2 Marks         |

### **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.

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.

IBM Cognos Analytics with Watson

New exploration assignment

30

Maintenance: The upgrade is now complete. Click on More ... necessary and to subscribe to future events

Dismiss

More info

Cards

Profit by R&D Spend

1

R&D Spend for State and Profit

2

Data relationships

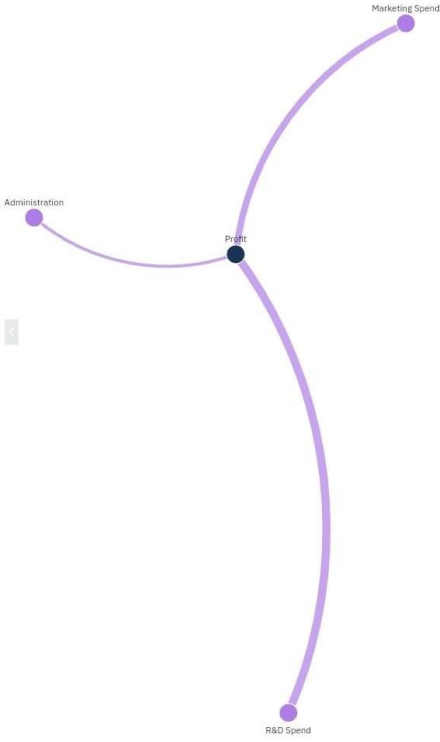
Explore data relationships

50\_Startups.xlsx

Reset to original

Q Profit

Edit diagram



Select single or multiple nodes to see visualizations.

Relationship diagram

10% 100%

Select a visualization

Explore visualizations related to 'Profit'

Profit

113523.76

Profit

Add +

Profit

Add +

You can drag a visualization onto your Explore or Dashboard canvas. Or generate a new dashboard, complete with charts based on your data, by entering [create dashboard](#).

create dashboard

@Cognos



Ok

Total Profit

@Cognos



Here's the total value for **Profit** in **50\_Startups.xlsx**:



Total Profit



12260566.08  
Profit

Show related visualizations

Create dashboard from the chart

I also found these matching sources:



Auto group data module

Team content > Samples > By industry > Automotive > Data



AU\_Sales\_By\_Model.xlsx

Team content > Samples > By industry > Automotive > Data > Source files



GO sales by year and month.xlsx

Show related visualizations

Create dashboard from the chart

I also found these matching sources:

 Auto group data module  
Team content > Samples > By industry > Automotive > Data

 GO\_Sample\_File\_Sales.xlsx  
Team content > Samples > By feature > Core > Data > Source files > Retail

 Great outdoors data module  
Team content > Samples > By feature > Core > Data

 Great outdoors data module  
Team content > Samples > Data

Show more ▾

Average Administration by R&D Spend

@Cognos

Here are the visualizations from source  
**50\_Startups.xlsx**:



Average Administration and R&D Spend

| Administration | R&D Spend  |
|----------------|------------|
| 121750.789     | 8095608.58 |

Show related visualizations

Create dashboard from the chart

I found potential ambiguities in the following references. Select or enter a reference to see a list of alternatives.

R&D Spend  
I'm done

Ask a question



R&D Spend

3

38558.51  
44069.95  
46014.02  
46426.07  
55493.95  
61136.38  
61994.48  
63408.86  
64664.71  
65605.48  
66051.52  
67532.53  
72107.6  
73994.56  
75328.87  
76253.86  
77044.01  
78013.11  
78389.47  
86419.7  
91749.16  
91992.39  
93863.75  
94657.16  
100671.96  
101913.08  
114523.61  
119943.24  
120542.52  
123334.88  
130298.13  
131876.9  
134615.46  
142107.34  
144372.41  
153441.51  
162597.7  
165349.2

0

Team content > Samples > By industry > Automotive > Data



GO\_Sample\_File\_Sales.xlsx

Team content > Samples > By feature > Core > Data > Source files > Retail



Great outdoors data module

Team content > Samples > By feature > Core > Data



Great outdoors data module

Team content > Samples > Data

Show more ▾

Average Administration by R&D Spend

@Cognos



Here are the visualizations from source

**50\_Startups.xlsx:**



Average Administration and R&D Spend



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Show related visualizations

Create dashboard from the chart

I found potential ambiguities in the following references. Select or enter a reference to see a list of alternatives.

R&D Spend

I'm done

Ask a question



R&D Spend 3