

## Assignment-1

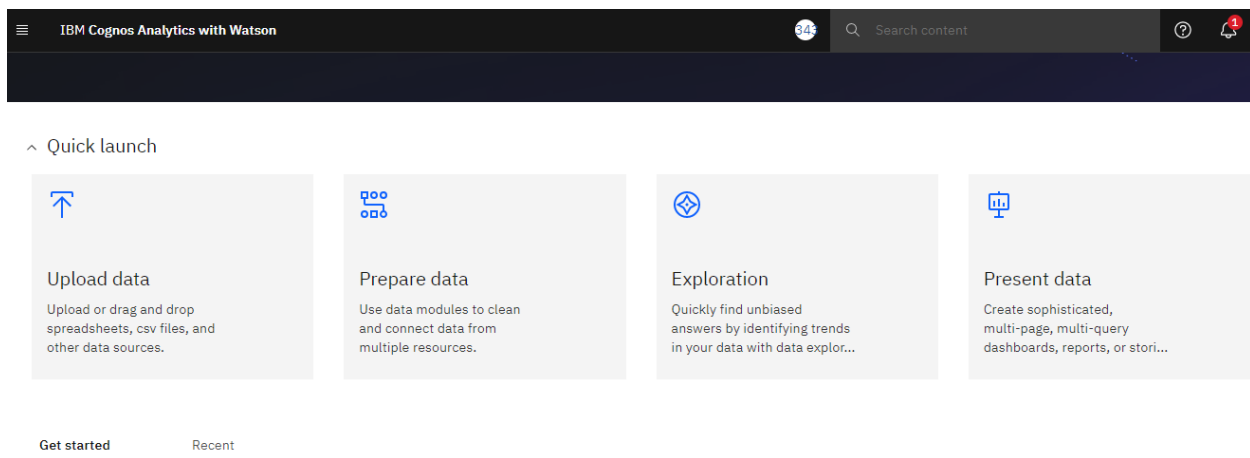
Assignment Date	14 September 2022
Student name	Ms. Sindhuja R S
Student Roll number	727719EUIT147
Maximum Marks	2 Marks

### CHALLENGE:

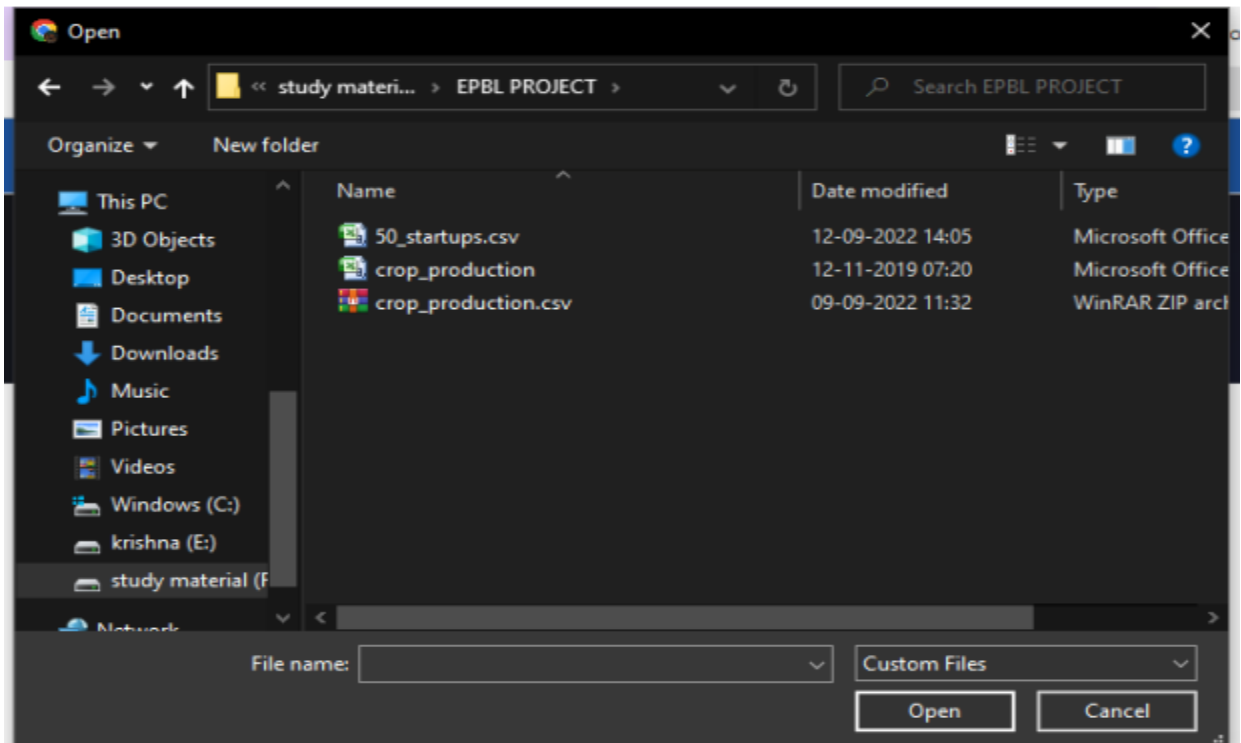
**Upload the dataset to Cognos Analytics, explore and visualize the dataset.**

**Uploading the Dataset:**

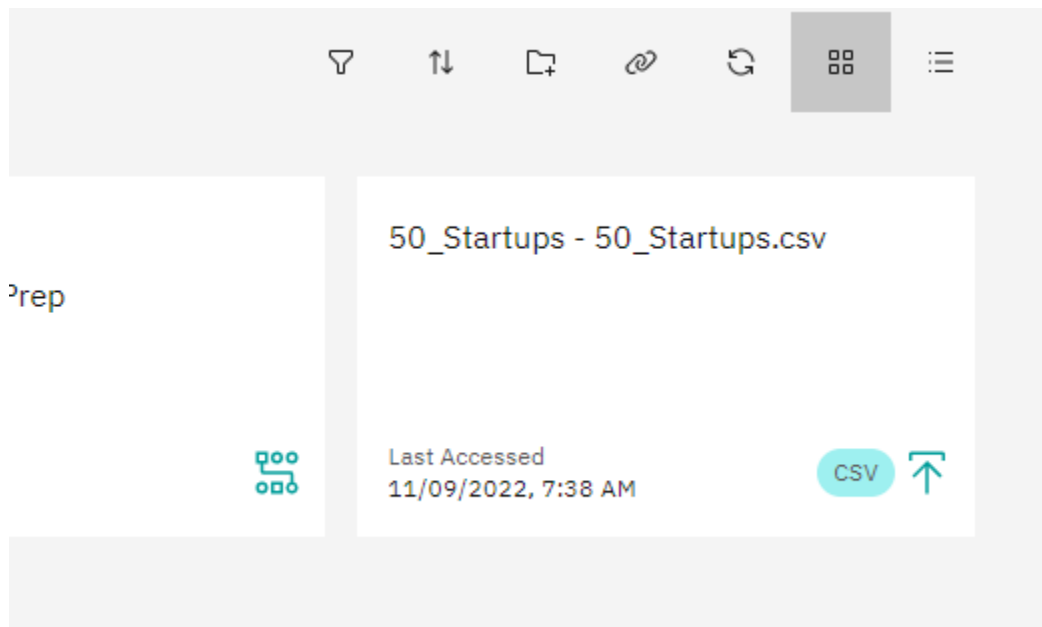
i)click on the upload dataset:



ii) select the csv file to upload in the IBM Cognos Analytics

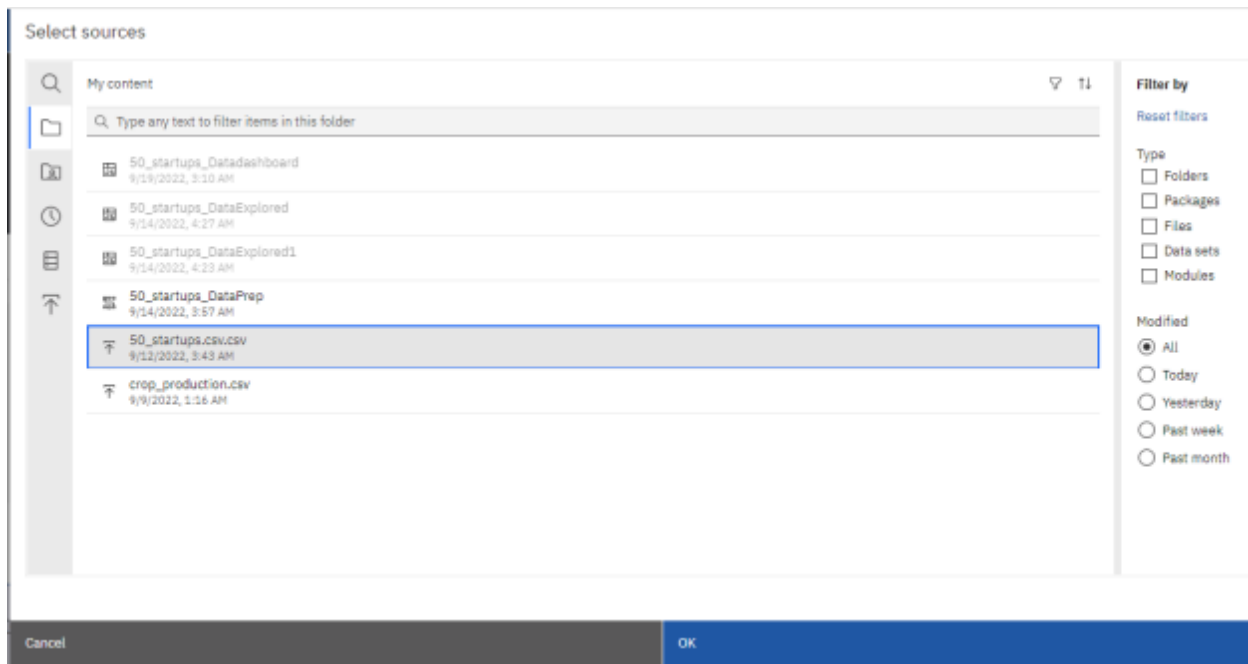


iii) click on the content tab to see the dataset that we have uploaded



## Prepare data:

- i) Click on prepare data.
- ii) Then, select the dataset you have uploaded.
- iii) Then, click the OK option



- iv) Now the dataset can be viewed in Excel format

The screenshot shows the data tool interface. On the left, the 'Data module' sidebar lists the dataset '50\_Startups...artups.csv' and its fields: Row Id, R&D Spend, Administration, Marketing Spend, State, and Profit. The main area displays a table with 10 rows of data in the 'Grid' view.

Row Id	R&D Spend	Administration	Marketing Spend	State	Profit
1	165349.2	136897.8	471784.1	New York	192261.83
2	162597.7	151377.59	443898.53	California	191792.06
3	153441.51	101145.55	407934.54	Florida	191050.39
4	144372.41	118671.85	383199.62	New York	182901.99
5	142107.34	91391.77	366168.42	Florida	166187.94
6	131876.9	99814.71	362861.36	New York	156991.12
7	134615.46	147198.87	127716.82	California	156122.51
8	130298.13	145530.06	323876.68	Florida	155752.6
9	120542.52	148718.95	311613.29	New York	152211.77
10	123334.88	108679.17	304981.62	California	149759.96



## Exploration

In this my content, click on 50\_startups\_DataPrep and click add.

Add a data source to explore

My content

Team content

Name	Type	Last Accessed
 50_Startups - 50_Startups_DataPrep	Data module	14/09/2022, 7:55 AM
 50_Startups - 50_Startups.csv <span>CSV</span>	Uploaded file	11/09/2022, 7:38 AM

Cancel

Add

ii) Click on the create option where you can explore with many options.

IBM Cognos Analytics with Watson


\* New exploration

Icons

Create +

Cards

Data relationships



Select a starting point

Every exploration includes a data relationships card.

Start with any column. You can always change it later.

Q

Enter data column. Not sure? Try Profit, Marketing Spend

Try starting with one of these...

Profit

Marketing Spend

Administration

R&D Spend

iii) Select the below mentioned options for visualization

Select a card

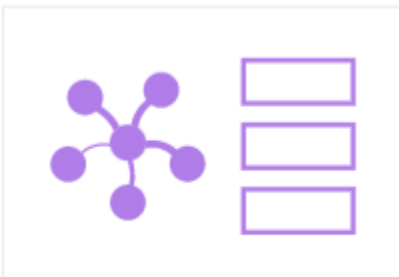
Single visualization



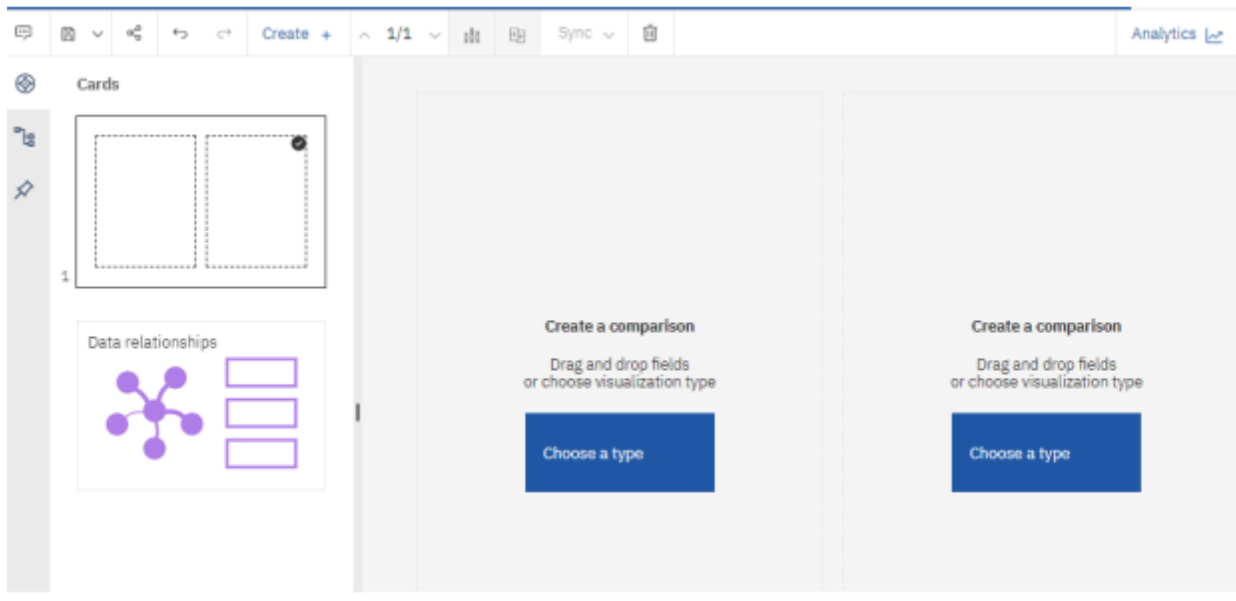
Compare visualization

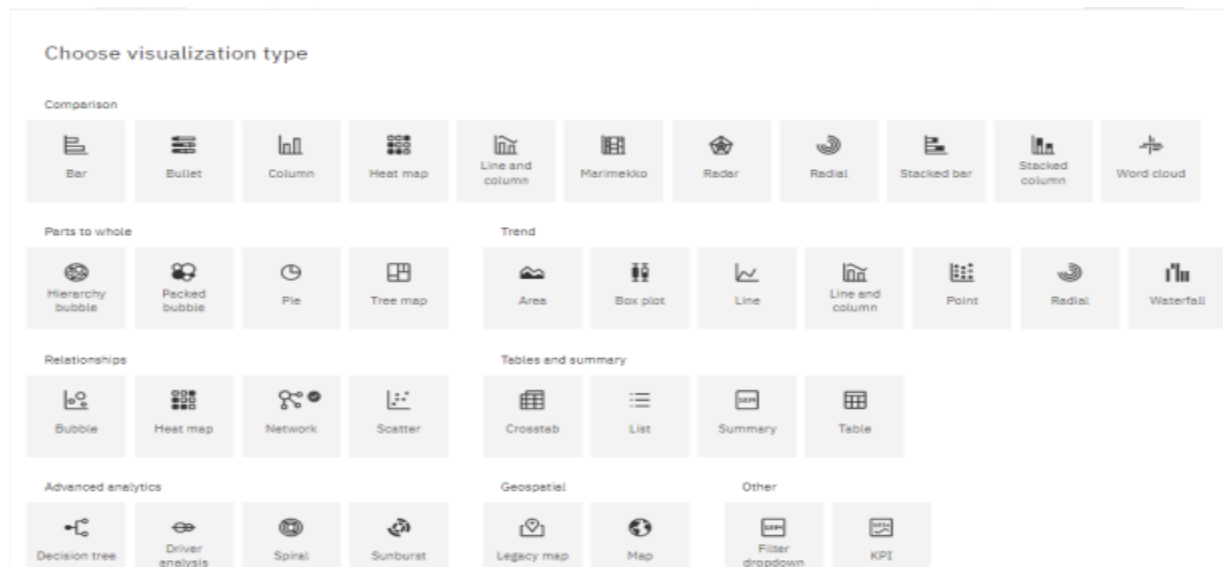


Data relationships



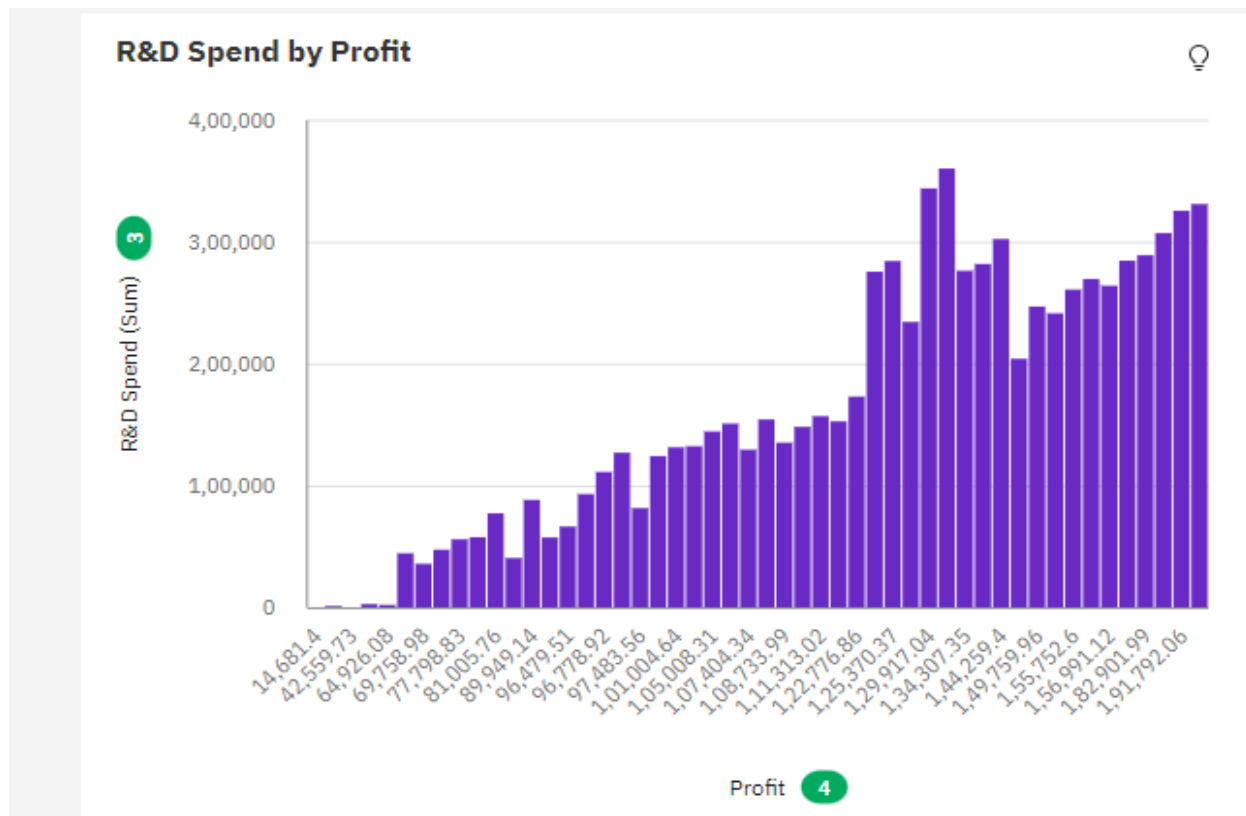
Choose a type like the charts mentioned.



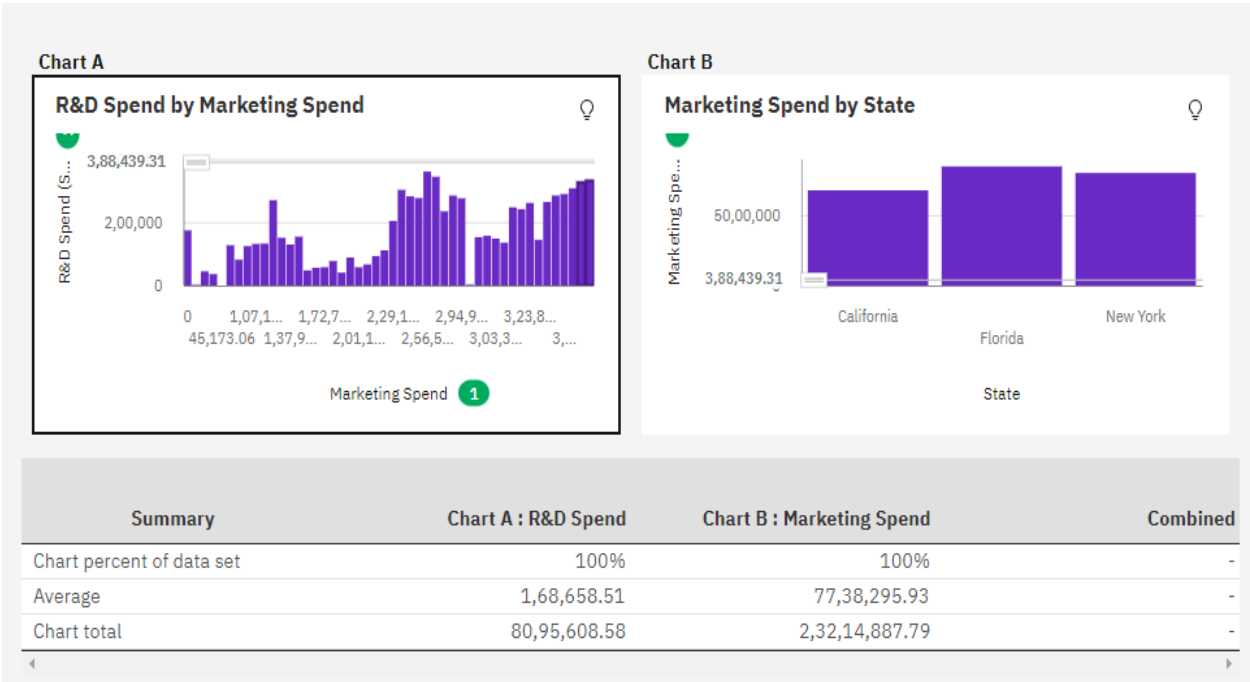


**Outcome:**

**Single Visualization:**



Compare Visualization:



◀

▶