

Assignment 1

Assignment Date	14 September 2022
Student Name	Ms .M. Sree Nandini
Student Roll Number	727719EUIT158
Maximum Marks	2 Marks

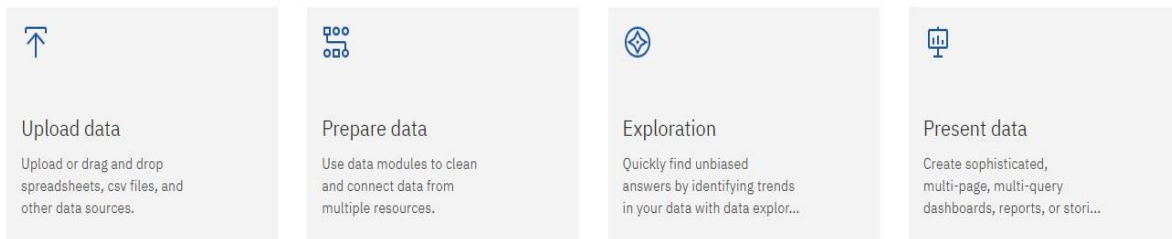
CHALLENGE:

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

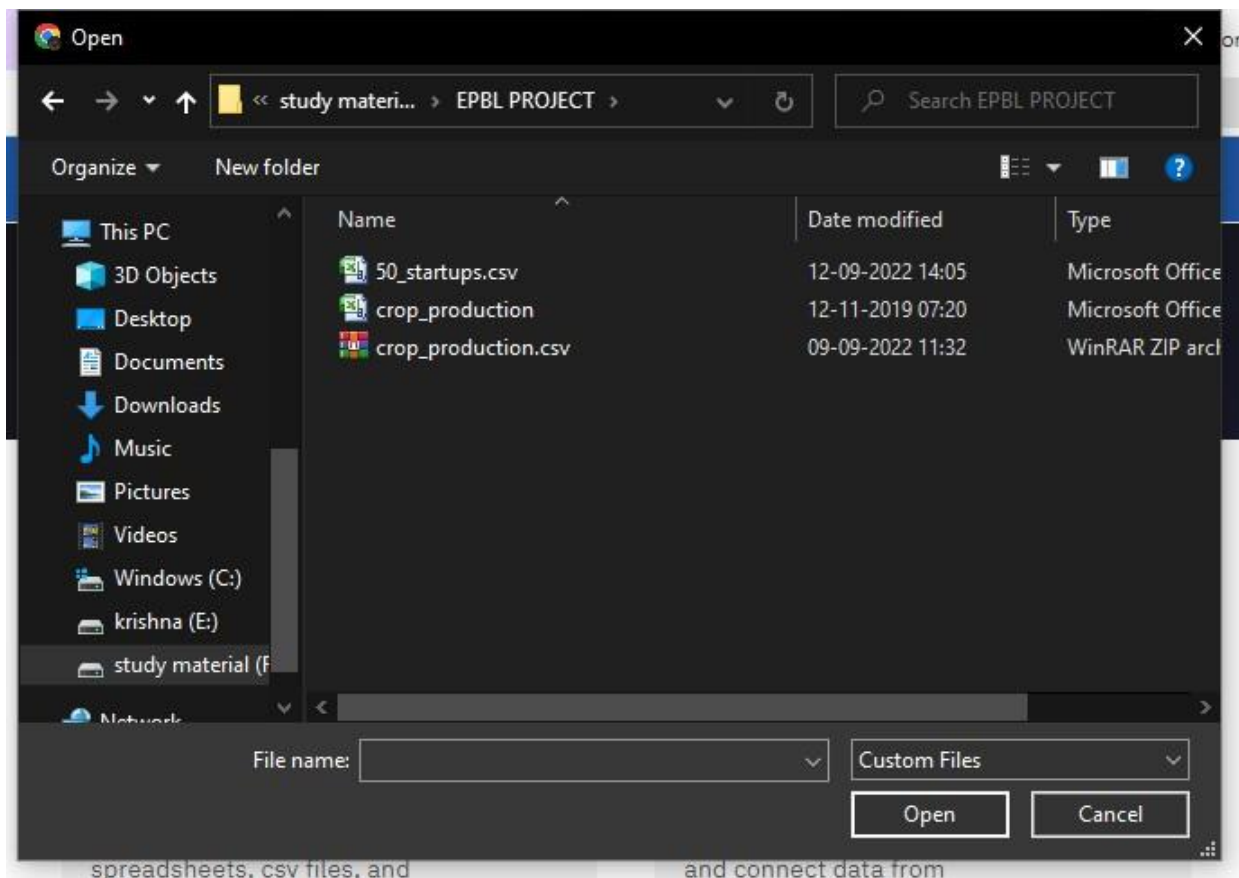
Uploading the Dataset:

i) Click on the upload data.

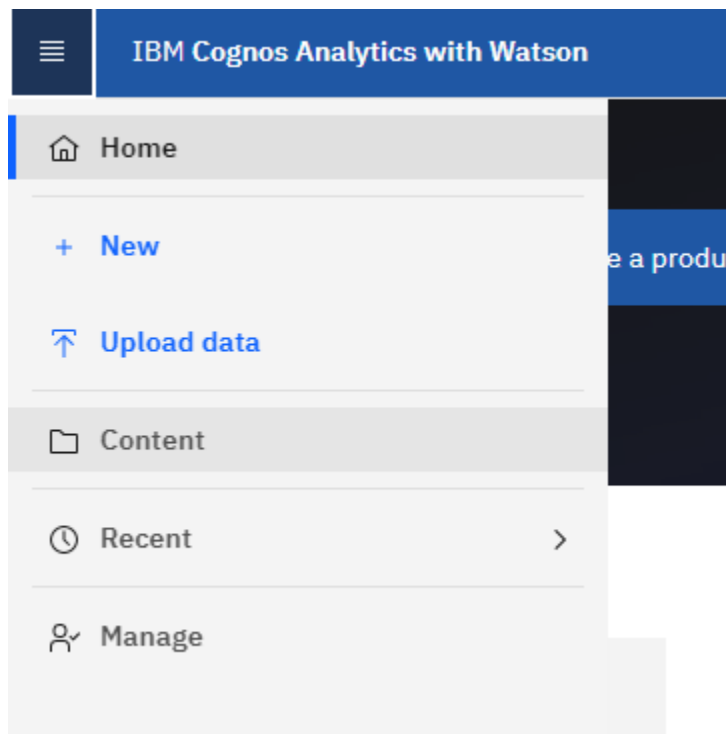
^ Quick launch



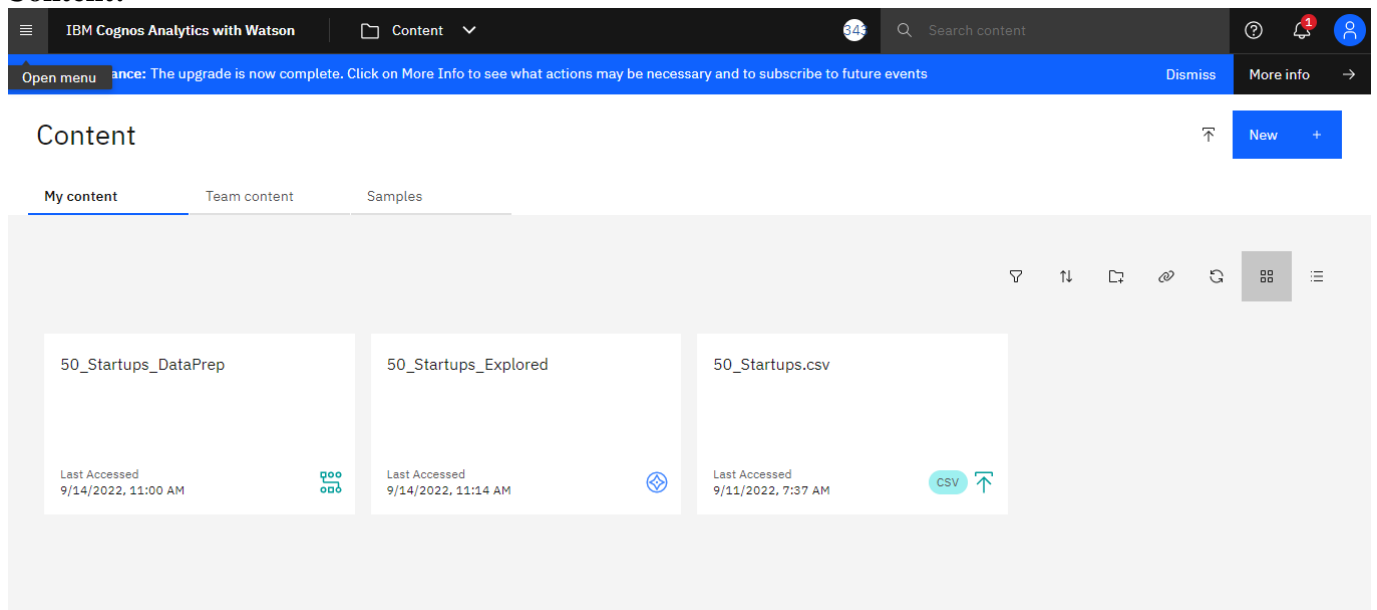
ii) Select the csv file 50_startups.csv chosen for uploading the datasets in the IBM Cognos Analytics.



iii) Click on the content bar to see the uploaded dataset.

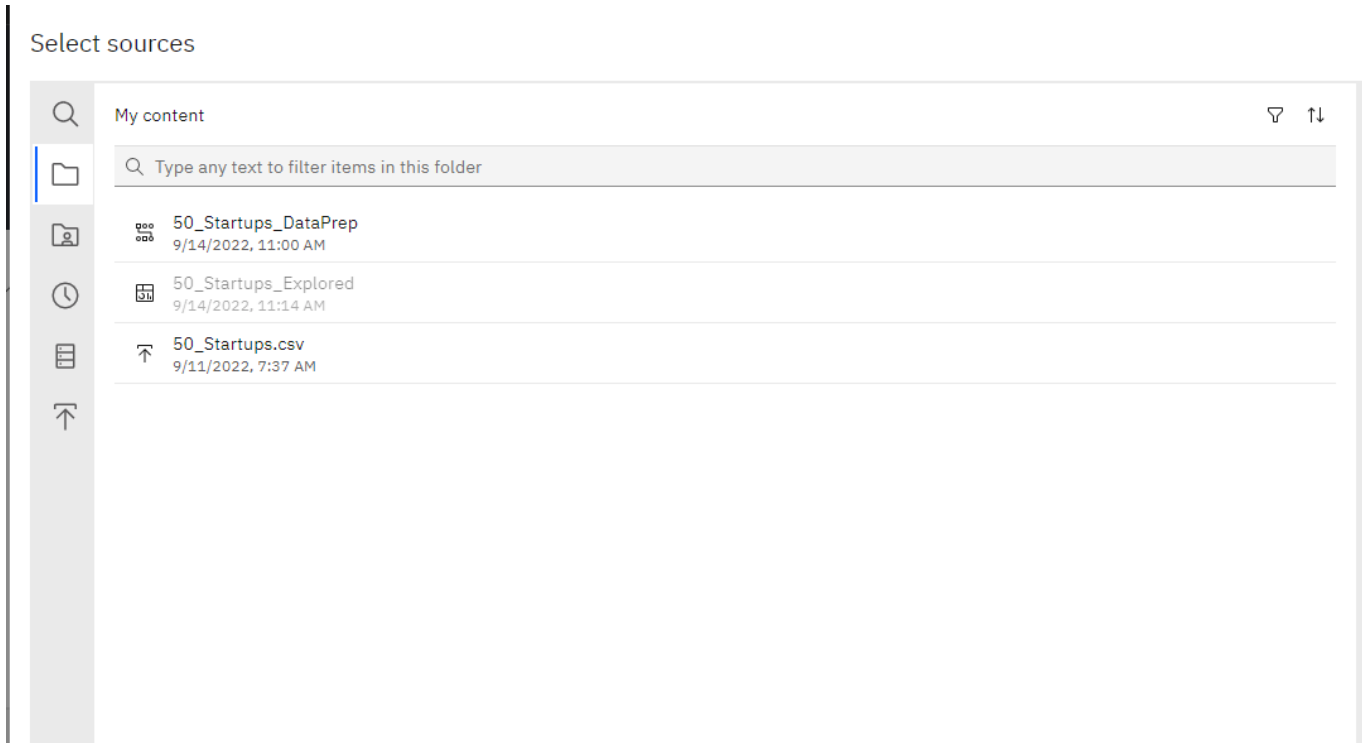


Content:



Prepare data:

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



- iv) Then, you can see the datasets in the excel format.

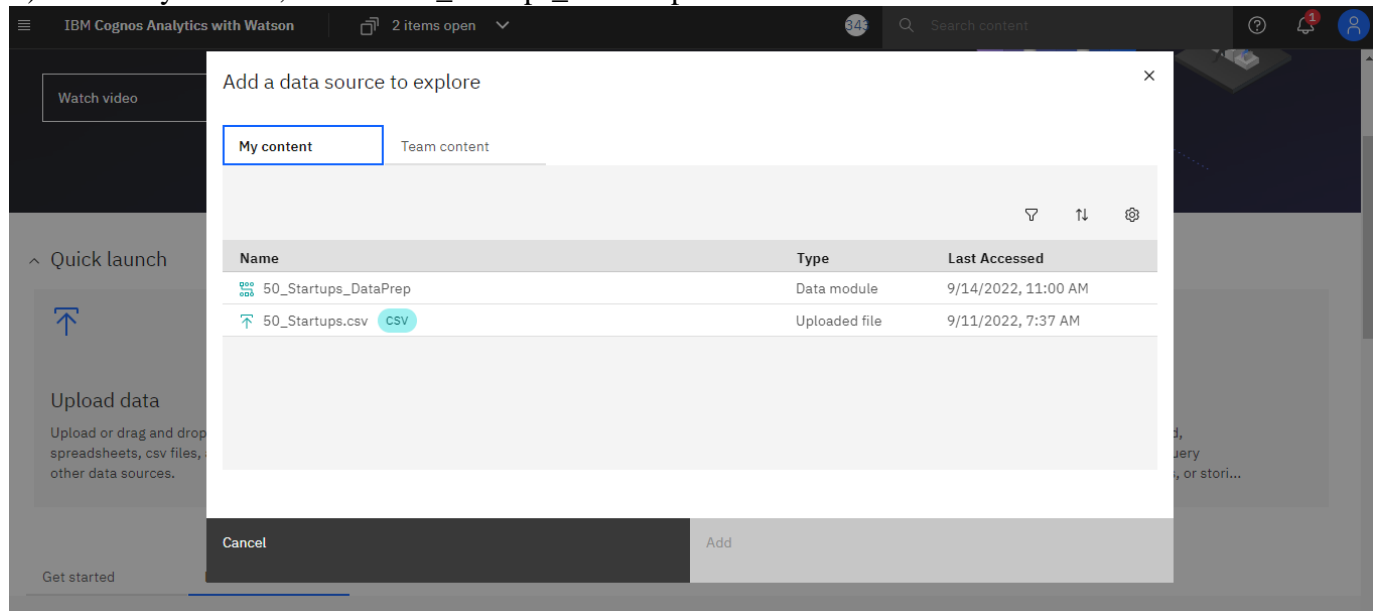
Data module

Grid Relationships Custom tables

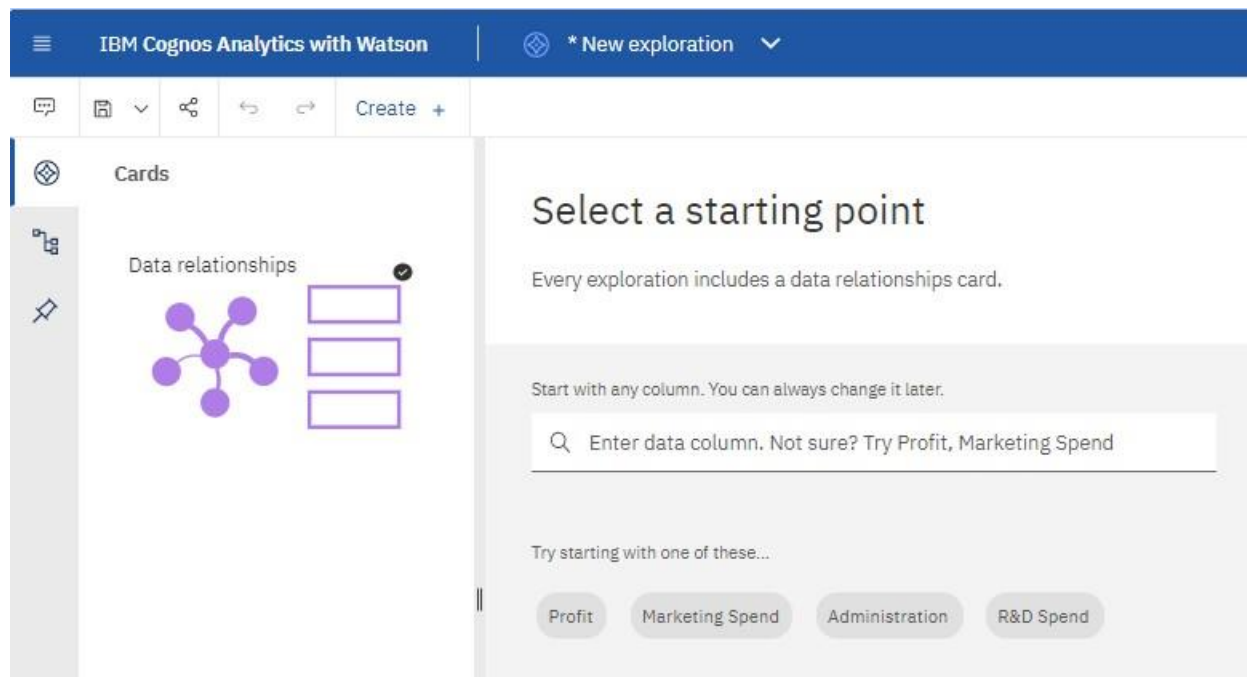
Row Id	R&D Spend	Administration	Marketing Spend	State	Profit
1	165349.2	136897.8	471784.1	New York	192261.83
2	162597.7	151377.59	443898.53	California	191792.06
3	153441.51	101145.55	407934.54	Florida	191050.39
4	144372.41	118671.85	383199.62	New York	182901.99
5	142107.34	91391.77	366168.42	Florida	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
11	101913.08	110594.11	229160.95	Florida	146121.95

Exploration:

i) In this my content, click on 50_startups_DataPrep and click add.



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



iii) Select the options below mentioned.

Select a card

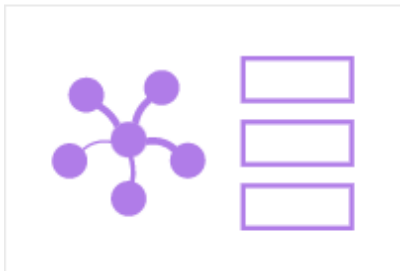
Single visualization



Compare visualization



Data relationships



iv) Choose a type like the charts mentioned.

The interface shows a top navigation bar with icons for chat, save, share, undo, redo, 'Create +', a zoom slider set to 1/1, a sync button, and a trash icon. The 'Cards' panel on the left contains a 'Data relationships' diagram with a central node connected to four peripheral nodes, and three empty rectangular boxes to its right. The main workspace has two identical prompts: 'Create a comparison', 'Drag and drop fields or choose visualization type', and a blue 'Choose a type' button.

Choose visualization type

Comparison

- Bar
- Bullet
- Column
- Heat map
- Line and column
- Marimekko
- Radar
- Radial
- Stacked bar
- Stacked column
- Word cloud

Parts to whole

- Hierarchy bubble
- Packed bubble
- Pie
- Tree map

Trend

- Area
- Box plot
- Line
- Line and column
- Point
- Radial
- Waterfall

Relationships

- Bubble
- Heat map
- Network
- Scatter

Tables and summary

- Crosstab
- List
- Summary
- Table

Advanced analytics

- Decision tree
- Driver analysis
- Spiral
- Sunburst

Geospatial

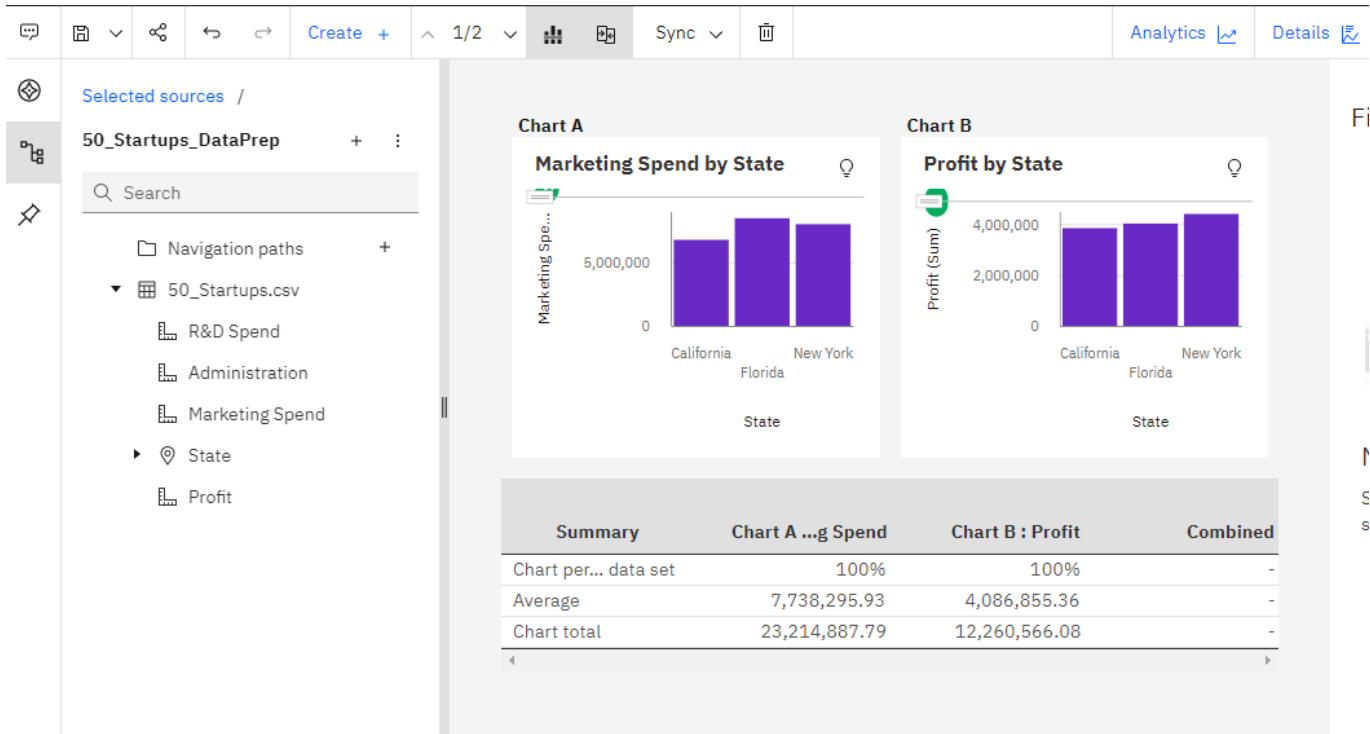
- Legacy map
- Map

Other

- Filter dropdown
- KPI

Outcome:

Compare Visualization:



Single Visualization:

