

Assignment -1

Assignment Date	14 September 2022
Student Name	Ms. R. Sneha
Student Roll Number	727719EUIT151
Maximum Marks	2 Marks

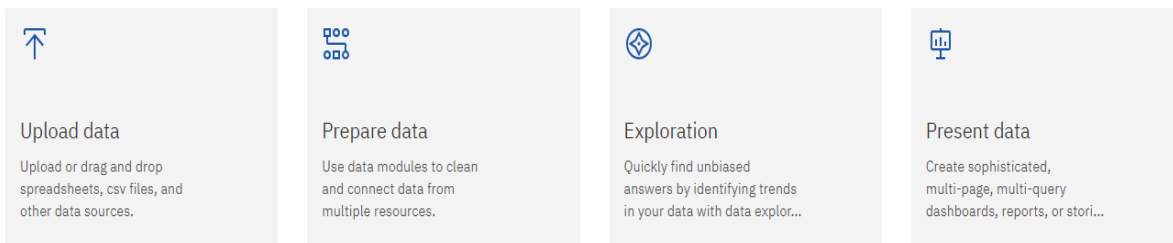
CHALLENGE:

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

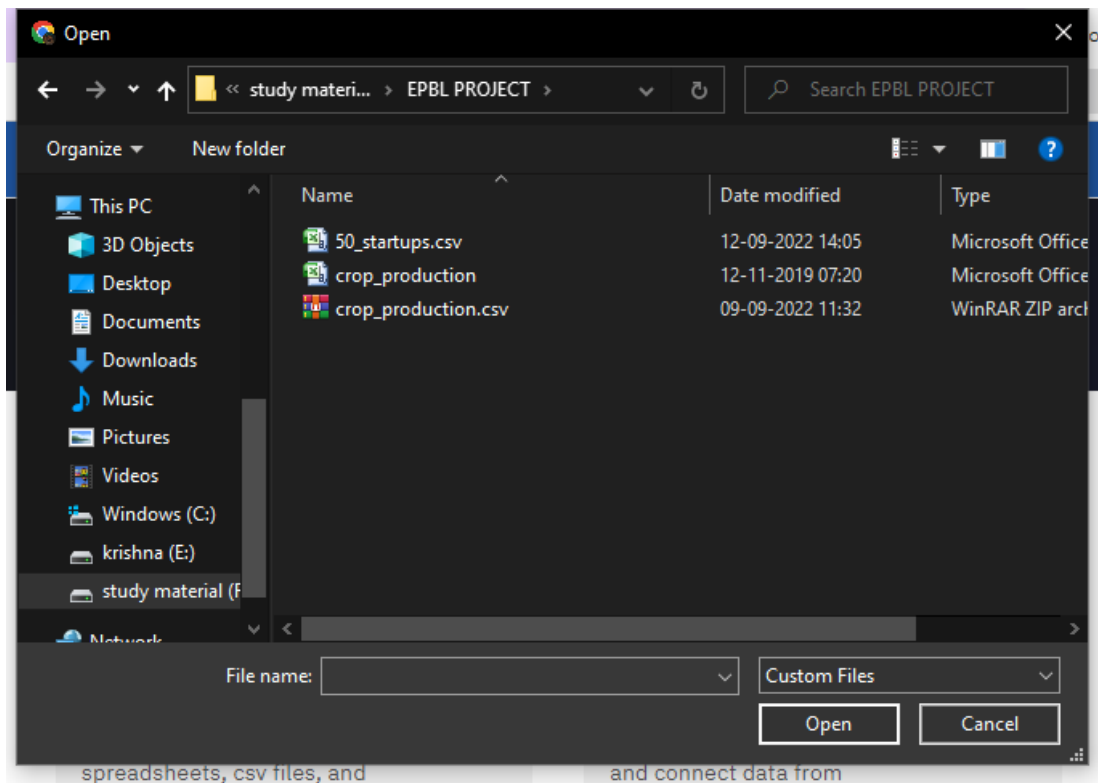
Uploading the Dataset:

i) Click on the upload data.

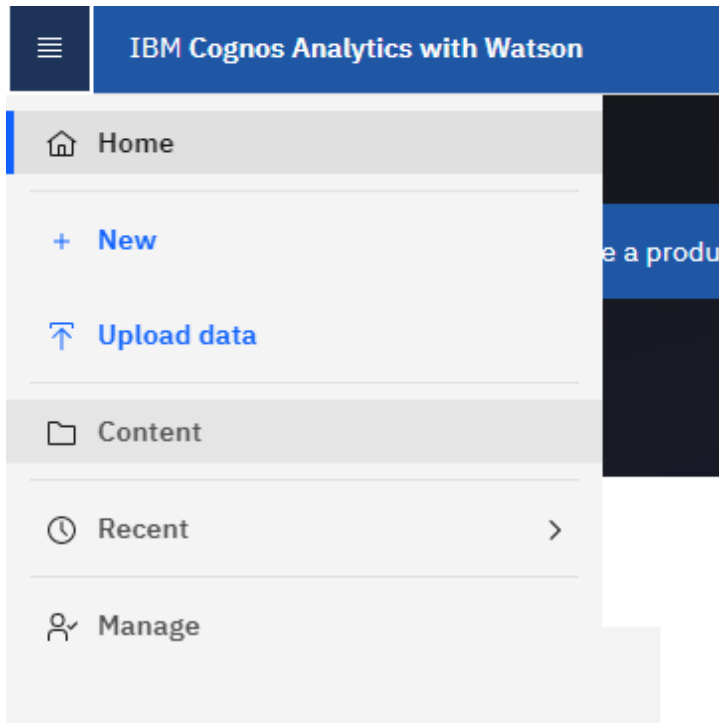
^ Quick launch



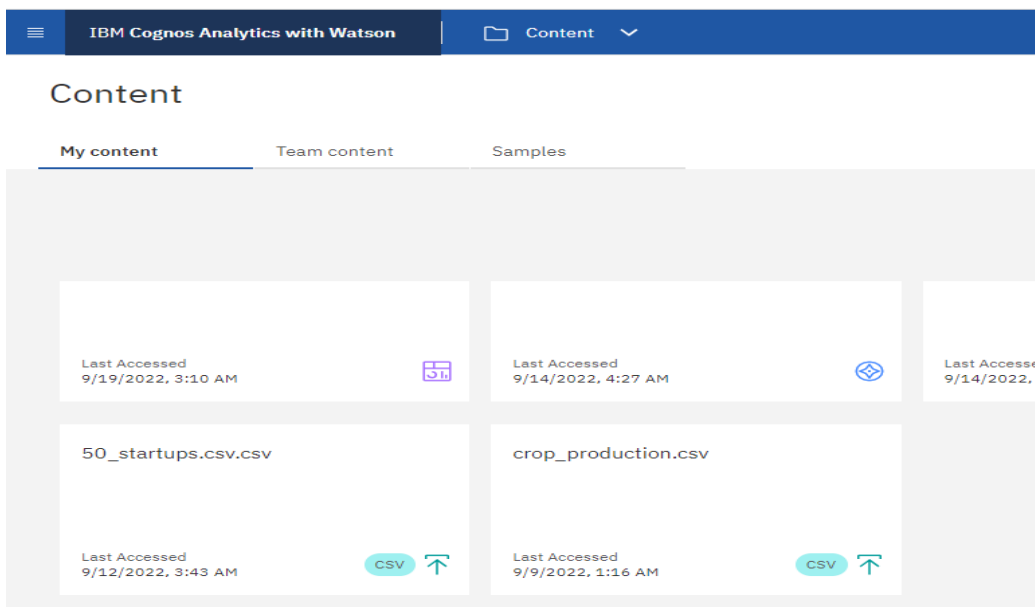
ii) Select the csv file 50_startups.csv chosen for uploading the datasets in the IBM Cognos Analytics.



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

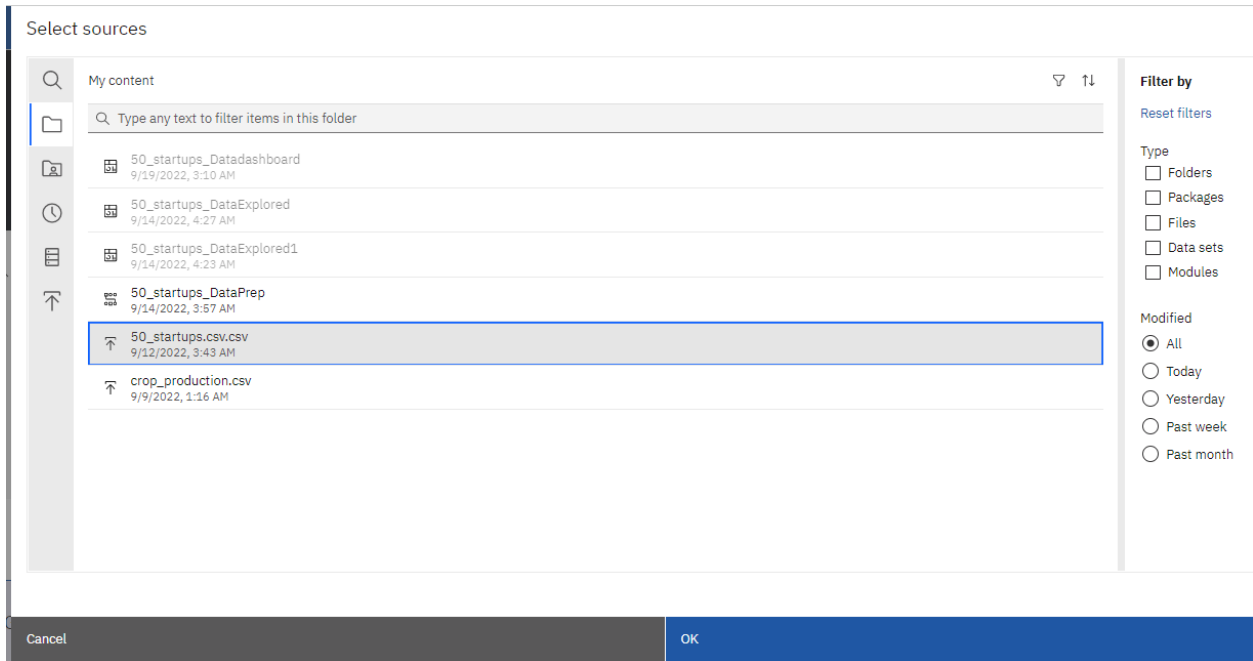


Content:



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

Search

New data module

Navigation paths

50_startups.csv.csv

Row Id

R&D Spend

Administration

Marketing Spend

State




Profit

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	108670.17	30481.62	California	140750.06

i) 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_DataPrep	Data module	9/14/2022, 3:57 AM
 50_startups.csv.csv CSV	Uploaded file	9/12/2022, 3:43 AM
 crop_production.csv CSV	Uploaded file	9/9/2022, 1:16 AM

Cancel

Add

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

☰

IBM Cognos Analytics with Watson

⚙️ * New exploration ▼

💬

📁 ▼

🔗


↶ ↷

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.

Try starting with one of these...

Profit

Marketing Spend

Administration

R&D Spend

iii) Select the options below mentioned.

Select a card

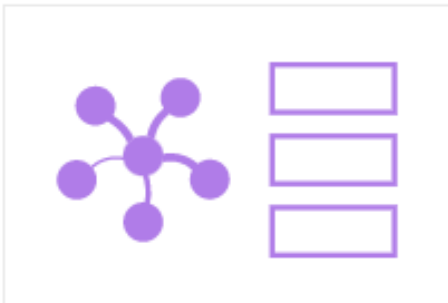
Single visualization



Compare visualization



Data relationships



iv) Choose a type like the charts mentioned.

Analytics

Cards

1

Data relationships

Create a comparison

Drag and drop fields or choose visualization type

Choose a type

Create a comparison

Drag and drop fields or choose visualization type

Choose a type

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:

