

# Assignment - 1


Date	14 September 2022
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Project Name	Estimate The Crop Yield Using Data Analytics
Maximum Marks	2 Marks

## Challenge:

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


## Click on the Upload Data

Quick launch




**Upload data**

Upload or drag and drop spreadsheets, csv files, and other data sources.




**Prepare data**

Use data modules to clean and connect data from multiple resources.



**Exploration**

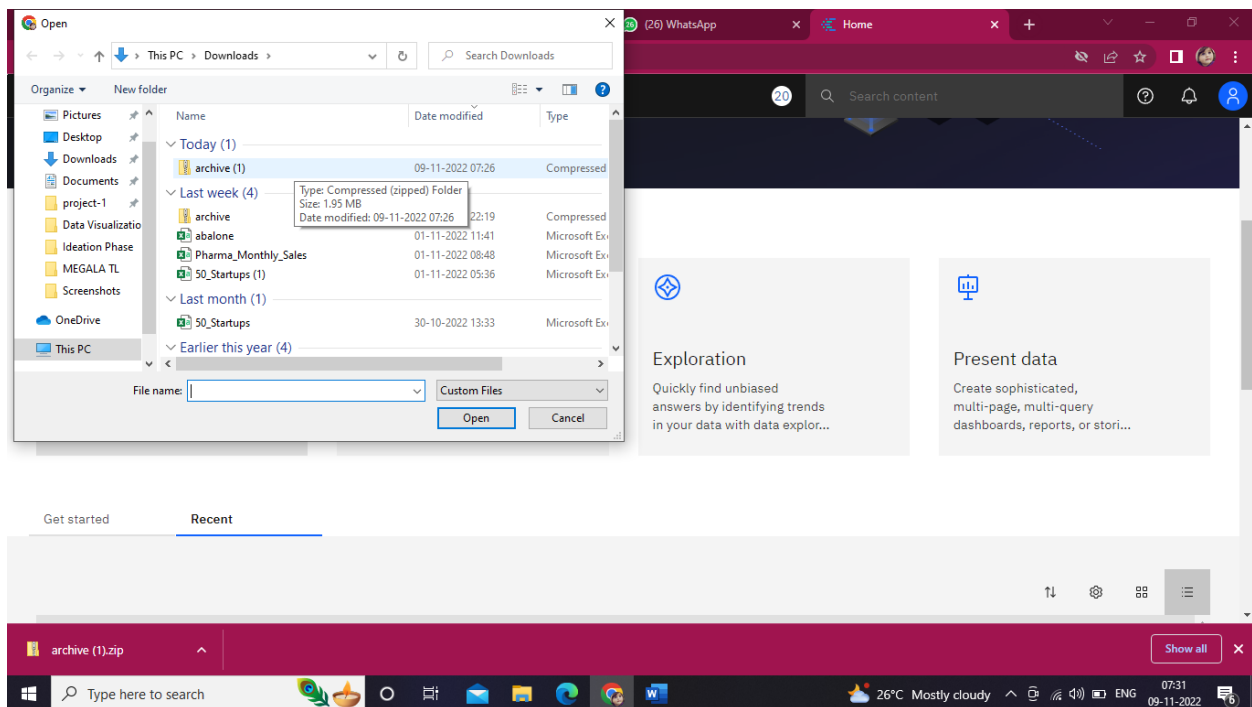
Quickly find unbiased answers by identifying trends in your data with data explor...



**Present data**

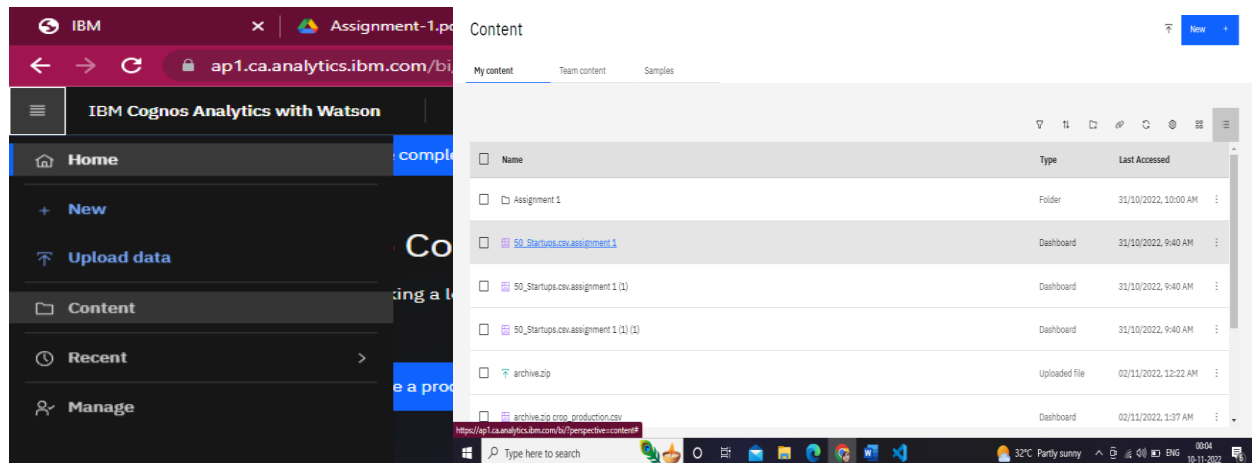
Create sophisticated, multi-page, multi-query dashboards, reports, or stori...

## 1. Select the 50\_startups.cvc Dataset File upload the Dataset in the IBM Cognos Analytics



The screenshot shows a Windows file explorer window open to the 'Downloads' folder. The file '50\_Startups (1)' is selected. The background shows the IBM Cognos Analytics interface with the 'Upload Data' button highlighted.

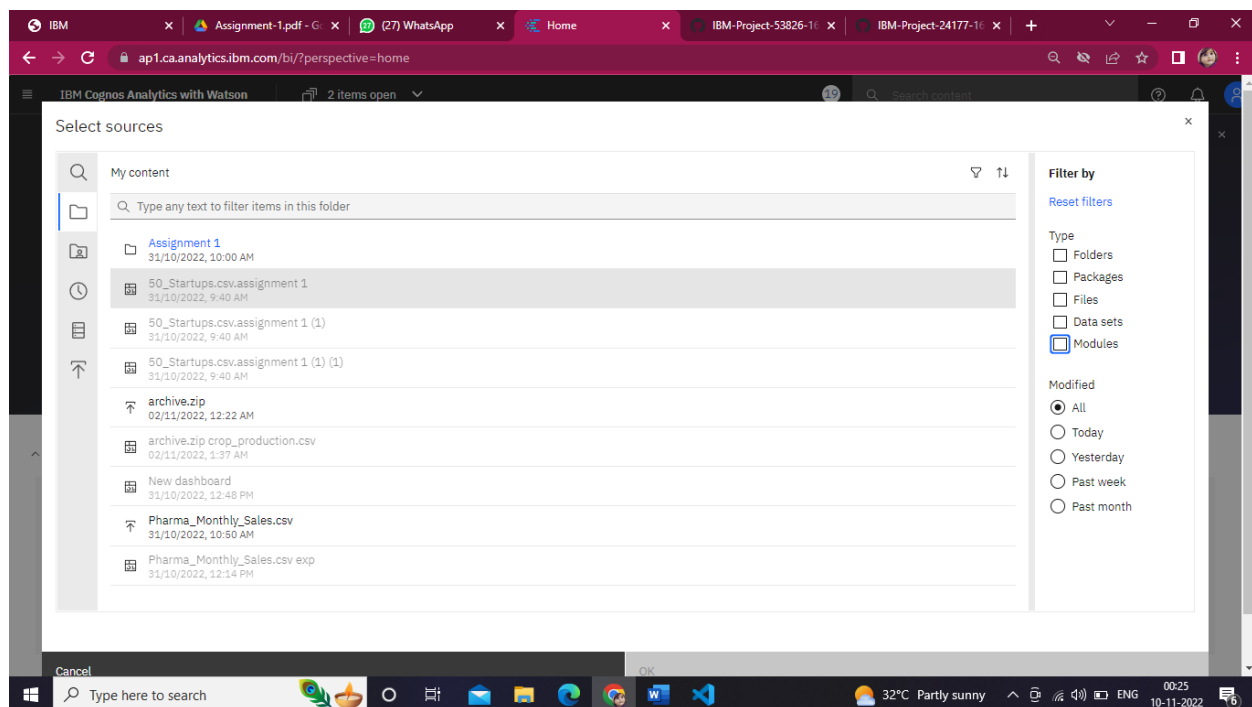
## 2.Click on the Content Bar to See the Uploaded Dataset



## Click on Prepare Data

### 1.Select the Dataset You have Uploaded

### 2.Click Okey Botten



### 3. Then You Can See Dataset in The Excel Format

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane is open, displaying a search bar and a list of navigation paths. The path '50\_Startups.csv' is selected, showing a hierarchy: # Row Id, R&D Spend, Administration, Marketing Spend, State, and Profit. The main area displays a grid view of the dataset with columns: Row Id, R&D Spend, Administration, Marketing Spend, State, and Profit. The data is sorted by Row Id in ascending order.

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
12	100671.96	91790.61	249744.55	California	144259.4
13	93863.75	127320.38	249839.44	Florida	141585.52
14	91007.30	135405.07	252664.93	California	134307.35

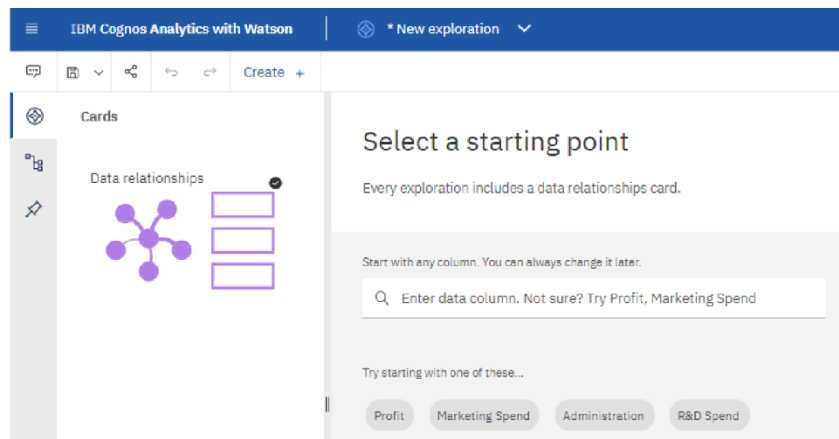
### Exploration

#### 1. In this My Content, Click on 50\_startups\_Dtaprep and Click Ok Botten

The screenshot shows the 'My content' tab in IBM Cognos Analytics. It displays a list of content items with columns: Name, Type, and Last Accessed. The items are: 50\_startups\_DataPrep (Data module), 50\_startups.csv.csv (Uploaded file), and crop\_production.csv (Uploaded file). Below the list, there are 'Cancel' and 'Add' buttons.

Name	Type	Last Accessed
50_startups_DataPrep	Data module	9/14/2022, 3:57 AM
50_startups.csv.csv	Uploaded file	9/12/2022, 3:43 AM
crop_production.csv	Uploaded file	9/9/2022, 1:16 AM

## 2. Click on Create Option where You can Explore with Many Option



## 3. Select The Single Visualization

Select a card

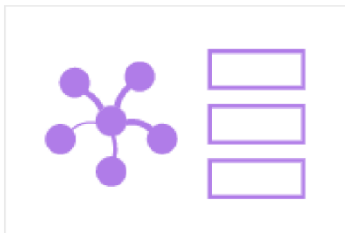
Single visualization



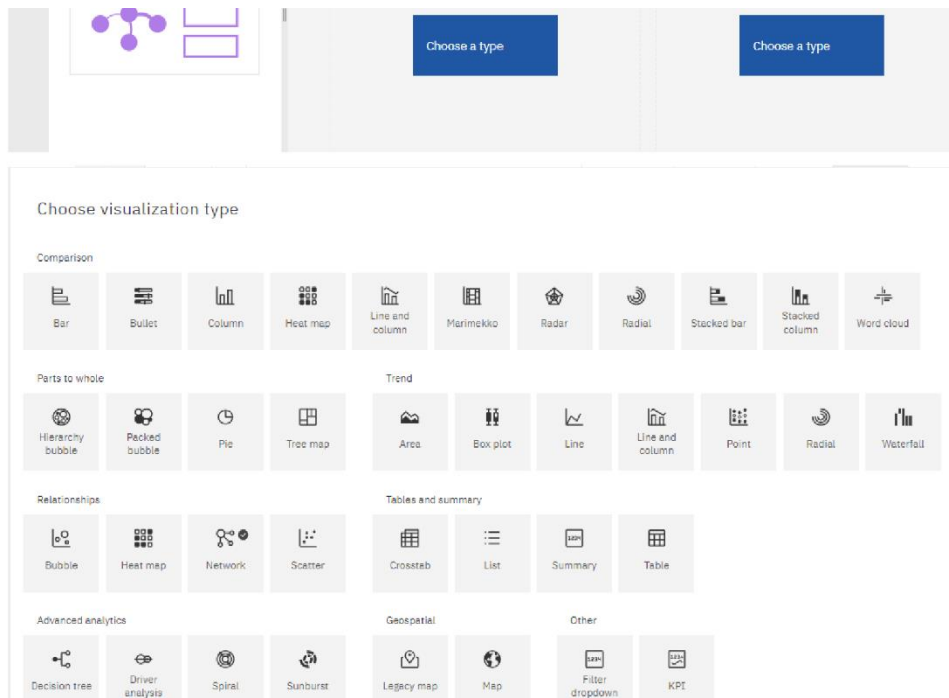
Compare visualization



Data relationships



## Choose a Type the Card Chart Mentioned



## Choose the Bar Chat Drag and drop Marketing spend and State

And the Outcome of Visualizing chart is Shown Below

