

Assignment -1

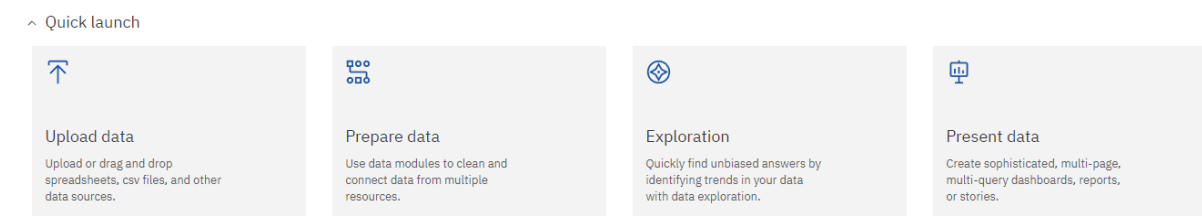
Date	14 September 2022
Name	SWEATHA K
Team ID	PNT2022TMID36465
Project Name	Traffic and capacity analytics for major ports
Maximum Marks	2 Marks

Challenge:

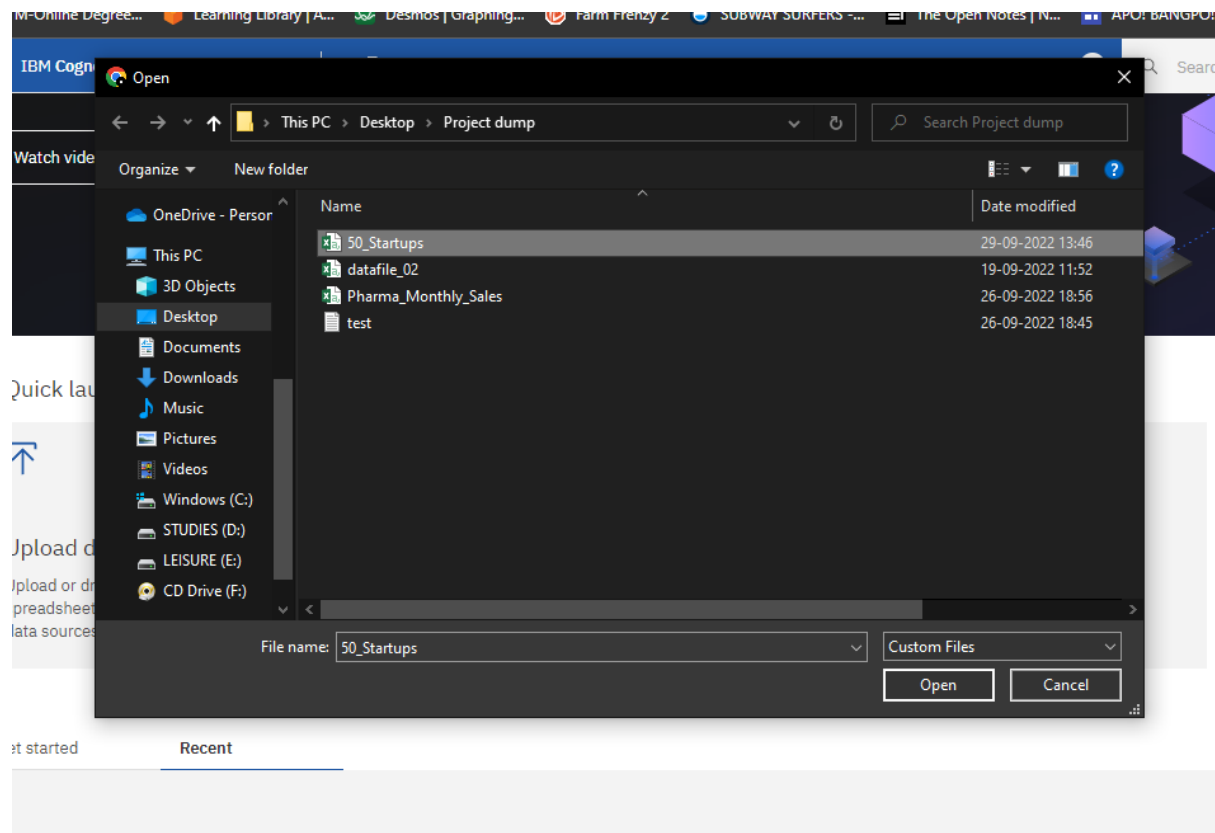
Upload the data set to Cognos Analytics and visualize the dataset

Uploading Data Set

Step 1: Click on Upload data



Step 2: Select the file 50_Startups and upload the dataset to IBM Cognos Analytics



Step 3: Click on Content bar to see uploaded data

Content New +

My content Team content Samples

Name	Type	Last Accessed
User Created Data Modules	Folder	9/28/2022, 8:57 AM
50_Startups.csv CSV	Uploaded file	11/17/2022, 4:58 AM
datafile_02.csv CSV	Uploaded file	11/17/2022, 1:38 AM
Pharma_Monthly_Sales.csv CSV	Uploaded file	9/26/2022, 8:31 AM
Portwise Traffic and Capacity Distribution Dashboard	Dashboard	11/17/2022, 4:33 AM
Traffic and Capacity of ports	Data module	11/17/2022, 4:38 AM

Opening Dataset

Step 1: Click Prepare Data, select the data set

Select sources

My content

Type any text to filter items in this folder

User Created Data Modules
9/28/2022, 8:57 AM

50_Startups.csv
11/17/2022, 4:58 AM

datafile_02.csv
11/17/2022, 1:38 AM

Pharma_Monthly_Sales.csv
9/26/2022, 8:31 AM

Portwise Traffic and Capacity Distribution Dashboard
11/17/2022, 4:33 AM

Traffic and Capacity of ports
11/17/2022, 4:38 AM

Filter by

Reset filters

Type

☐ Folders
 ☐ Packages
 ☐ Files
 ☐ Data sets
 ☐ Modules

Modified

☒ All
 ☐ Today
 ☐ Yesterday
 ☐ Past week
 ☐ Past month

Cancel

OK

Exploring and Visualizing Dataset

Step 1: Select a column and format it to currency and select currency as USD(\$)

Data module

Grid Relationships Custom tables

Search

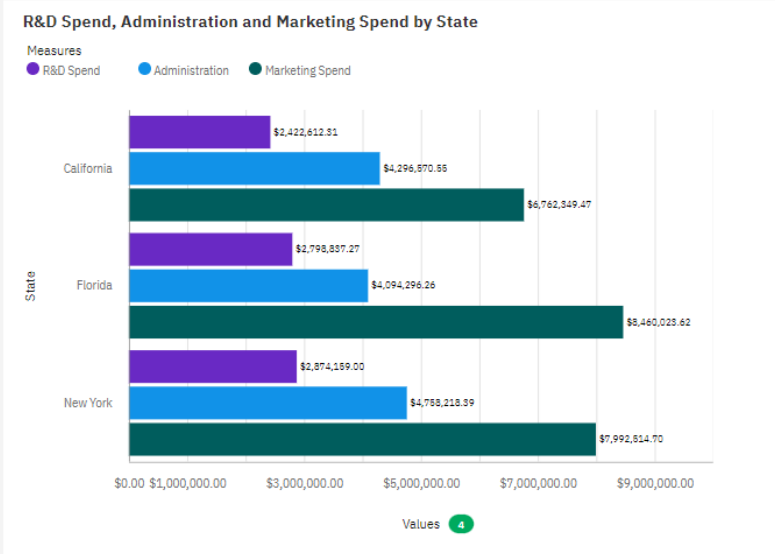
New data module

- Navigation paths
- 50_Startups.csv
 - Row Id
 - R&D Spend
 - Administration
 - Marketing Spend
 - State
 - Profit

Row Id	R&D Spend	Administration	Marketing Spend	State	Profit
1	\$165,349.20	\$136,897.80	471784.1	New York	192261.83
2	\$162,597.70	\$151,377.59	443898.53	California	191792.06
3	\$153,441.51	\$101,145.55	407934.54	Florida	191050.39
	\$144,372.41	\$118,671.85	383199.62	New York	182901.99
	\$142,107.34	\$91,391.77	366168.42	Florida	166187.94
	\$131,876.90	\$99,814.71	362861.36	New York	156991.12
	\$134,615.46	\$147,198.87	127716.82	California	156122.51
	\$130,298.13	\$145,530.06	323876.68	Florida	155752.6
	\$120,542.52	\$148,718.95	311613.29	New York	152211.77
	\$123,334.88	\$108,679.17	304981.62	California	149759.96
	\$101,913.08	\$110,594.11	229160.95	Florida	146121.95
	\$100,671.96	\$91,790.61	249744.55	California	144259.4
	\$93,863.75	\$127,320.38	249839.44	Florida	141585.52

Filter...
Create calculation...
Create data group...
Hide from users
Remove
Refresh properties...
Format data...
Clean...
Rename
Cut
Copy
Properties

Explorations:



Details

The total number of results for **R&D Spend**, across all **states**, is 108.

Over all **states**, the average of **R&D Spend** is almost 75 thousand.

The most common values of **State** are New York (36.1 %) and California (33.3 %), together occurring 75 times, which is 69.4 % of the total.

The total number of results for **Marketing Spend**, across all **states**, is 108.

Over all **states**, the average of **Marketing Spend** is almost 215 thousand.

R&D Spend ranges from over 2.4 million, in California, to almost 3 million, in New York.

Administration ranges from nearly 4.1 million, in Florida, to nearly 4.8 million, in

State regions and State and Profit for State points 4



Details

Across all **states**, the sum of **Profit** is over 12 million.

Profit ranges from over 3.8 million, in California, to almost 4.4 million, in New York.