

Assignment -1

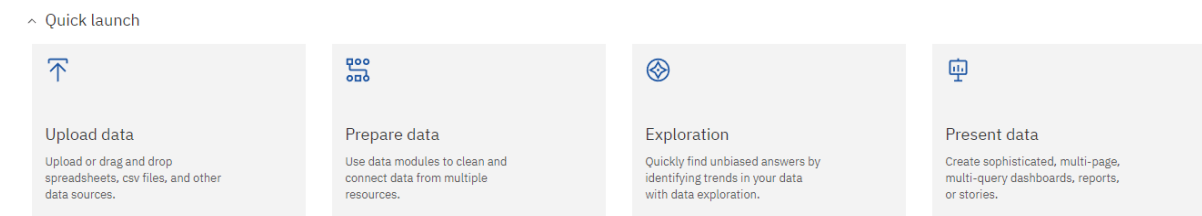
Date	14 September 2022
Name	DHANUSHIYA.M
Team ID	PNT2022TMID36465
Project Name	Traffic and capacity analytics for major ports
Maximum Marks	2 Marks

Challenge:

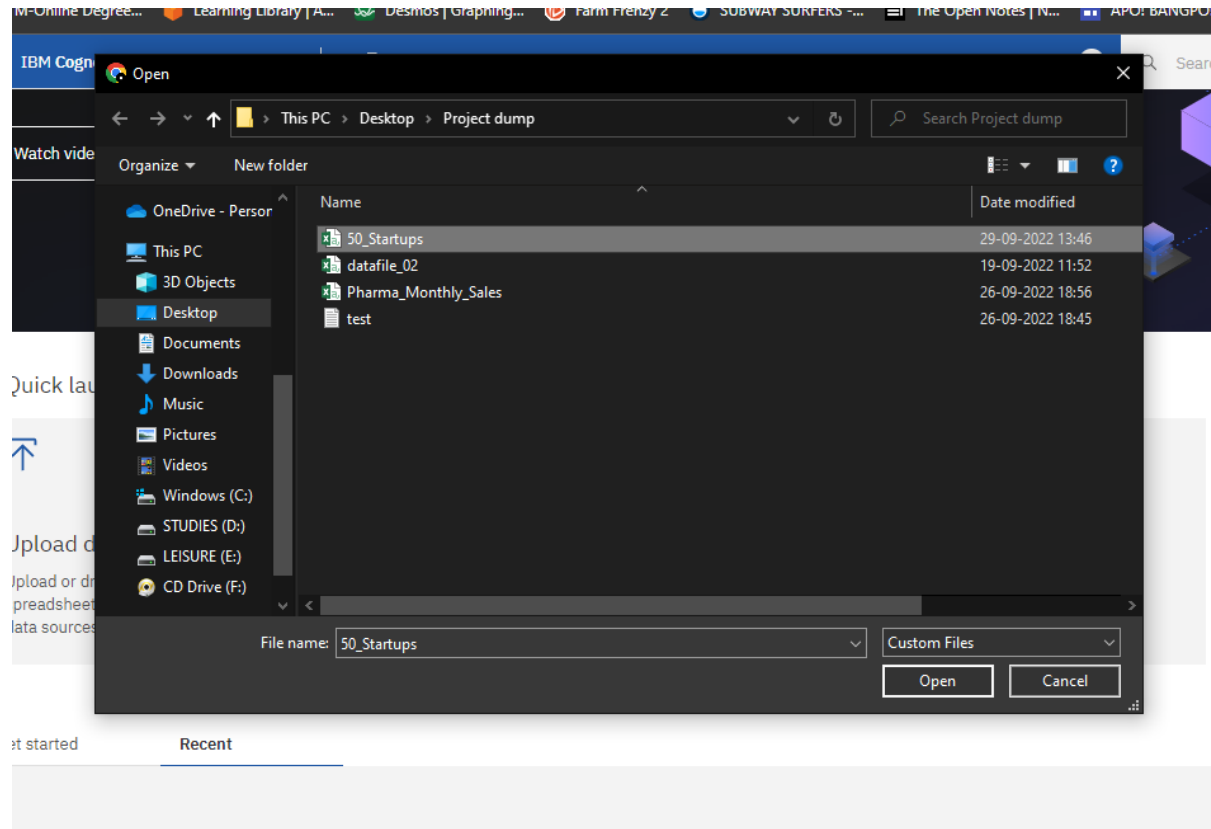
Upload the data set to Cognos Analytics and visualize the dataset

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

Filter...

Create calculation...

Create data group...

Hide from users

Remove

Refresh properties...

Format data...

Clean...

Rename

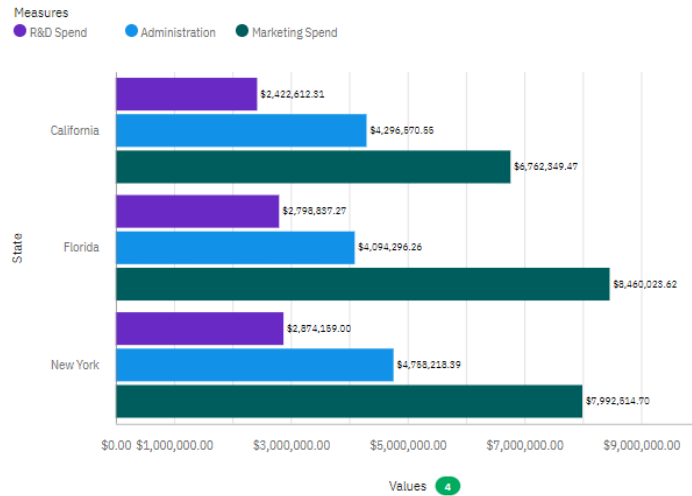
Cut

Copy

Properties

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

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.

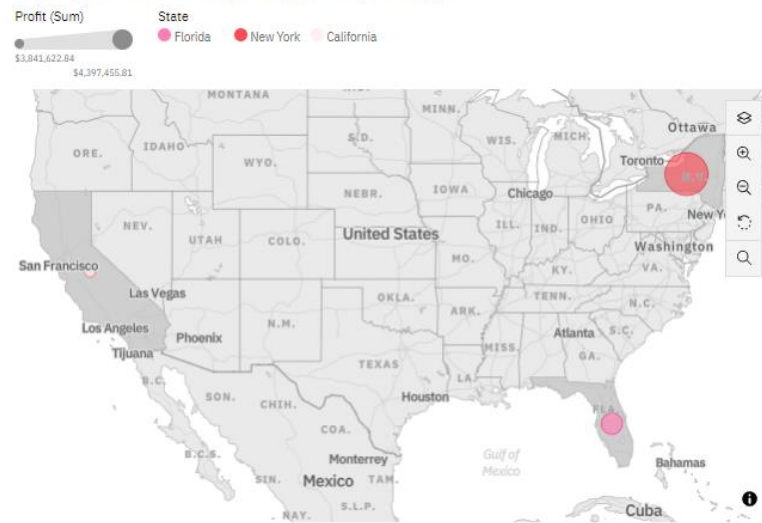
The most common values of **State** are New York (36.1 %) and California (33.3 %), together occurring 75 times, which is 69.4 % of the total.

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 2.9 million, in New York.

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



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.