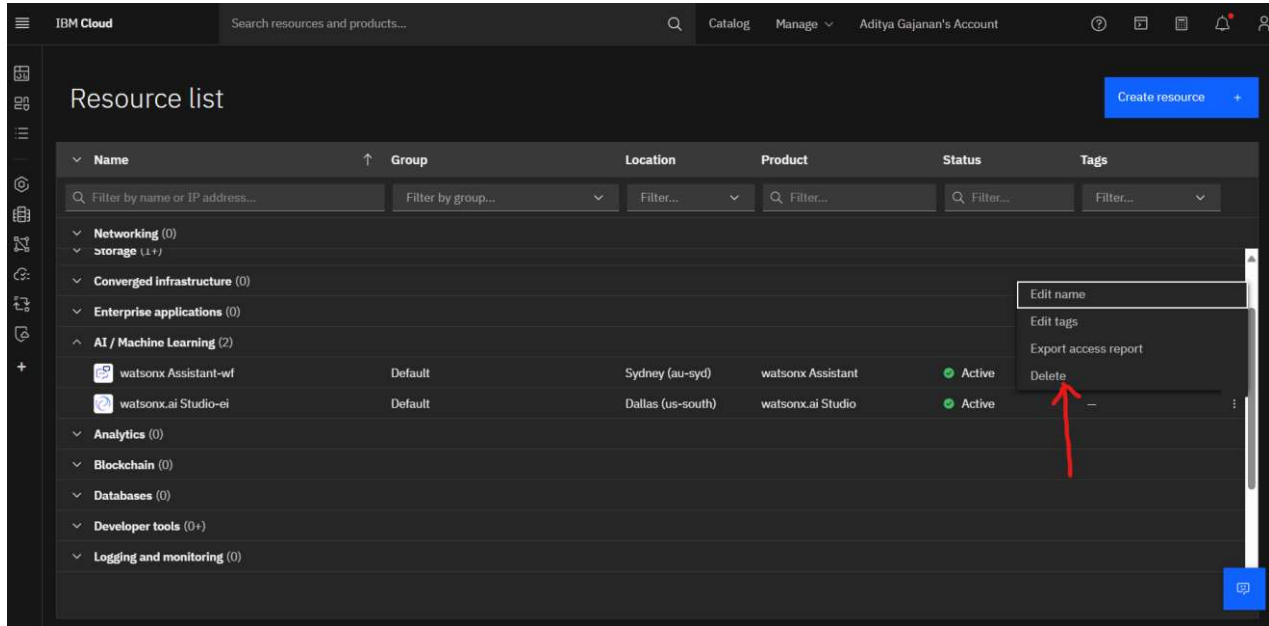


Demo- Data Analytics with Data Refinery with IBM cloud platform

Step- LogIn to Cloud.ibm.com with your Gmail Credentials

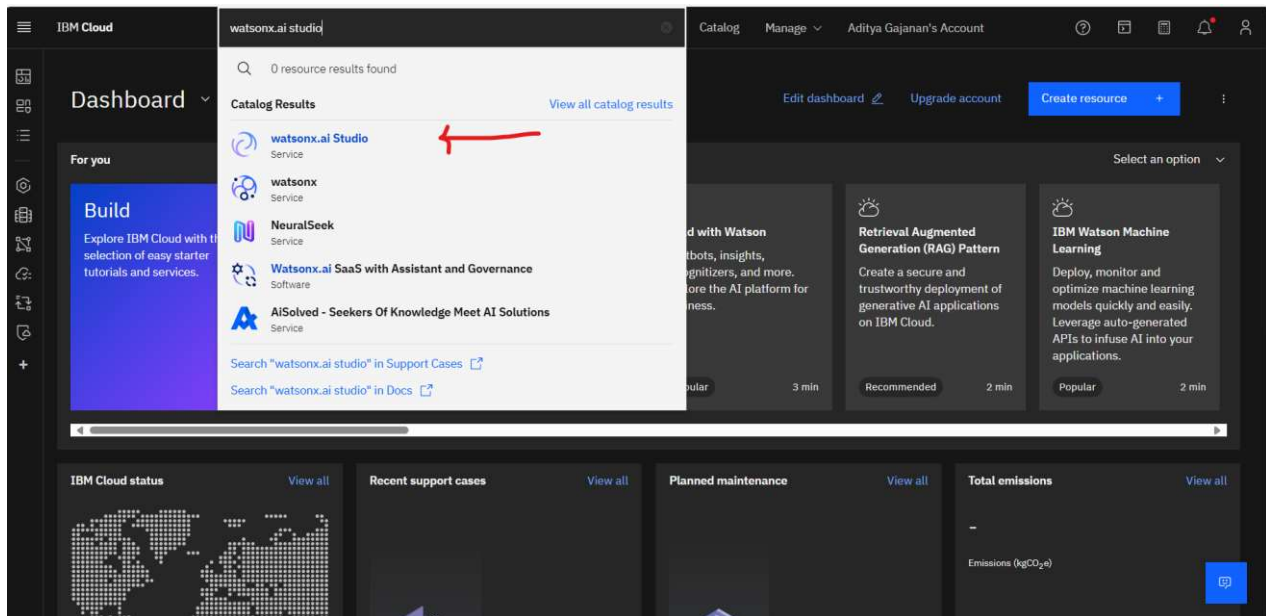
Step – Clear your resources – Navigation menu- Resource list – AI Machine learning – Action (three dots ...) - Delete

Delete all Active services

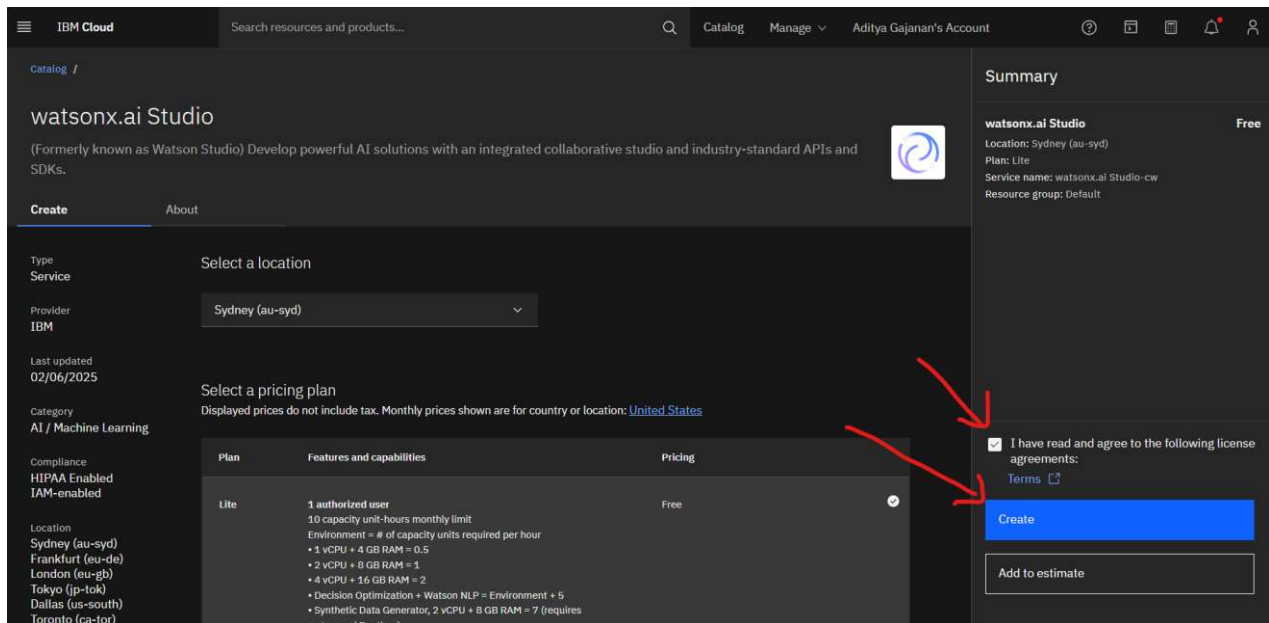


Step – create resource **Watsonx.ai studio**

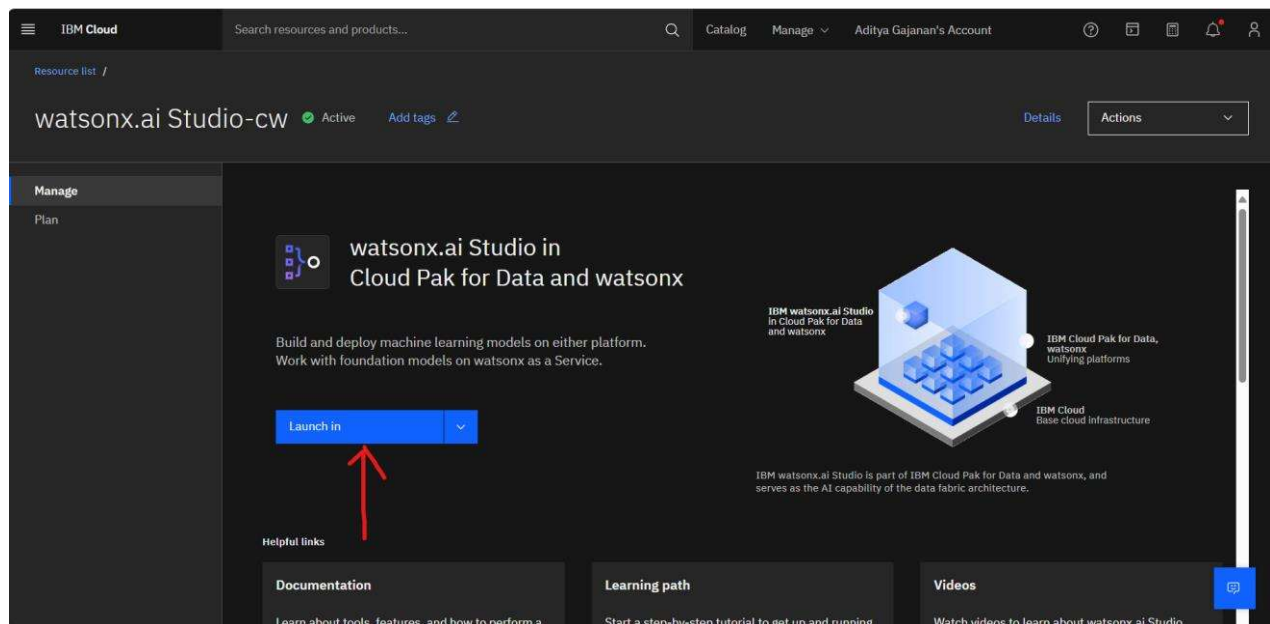
Search for watsonx.ai studio



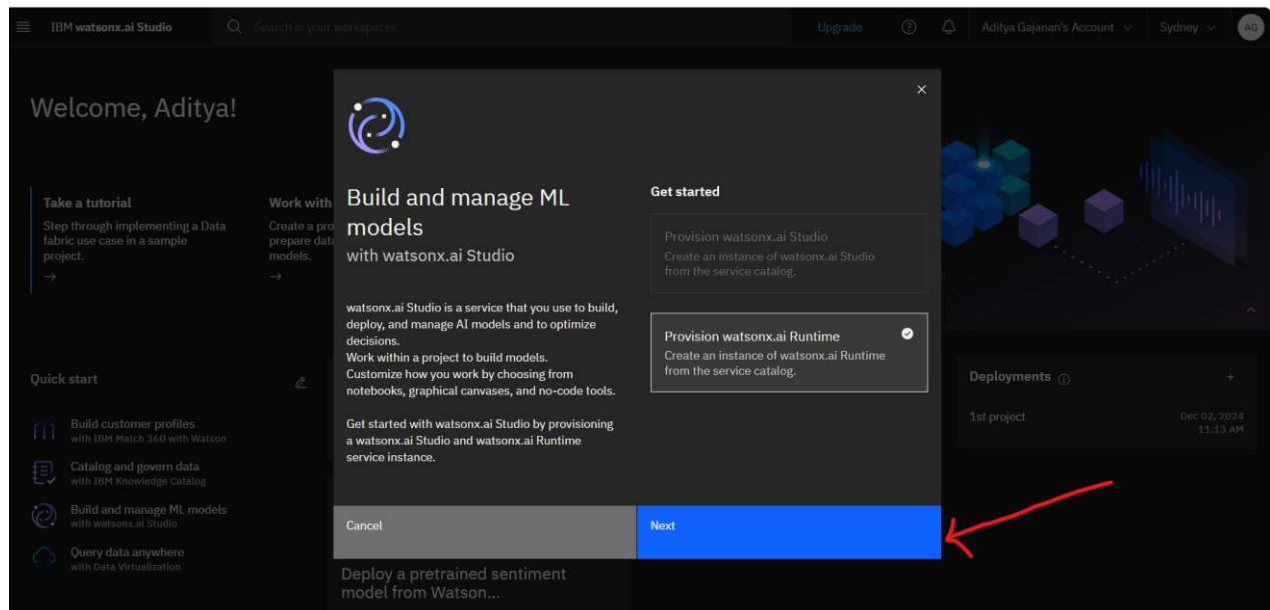
Step- click on check box and create button



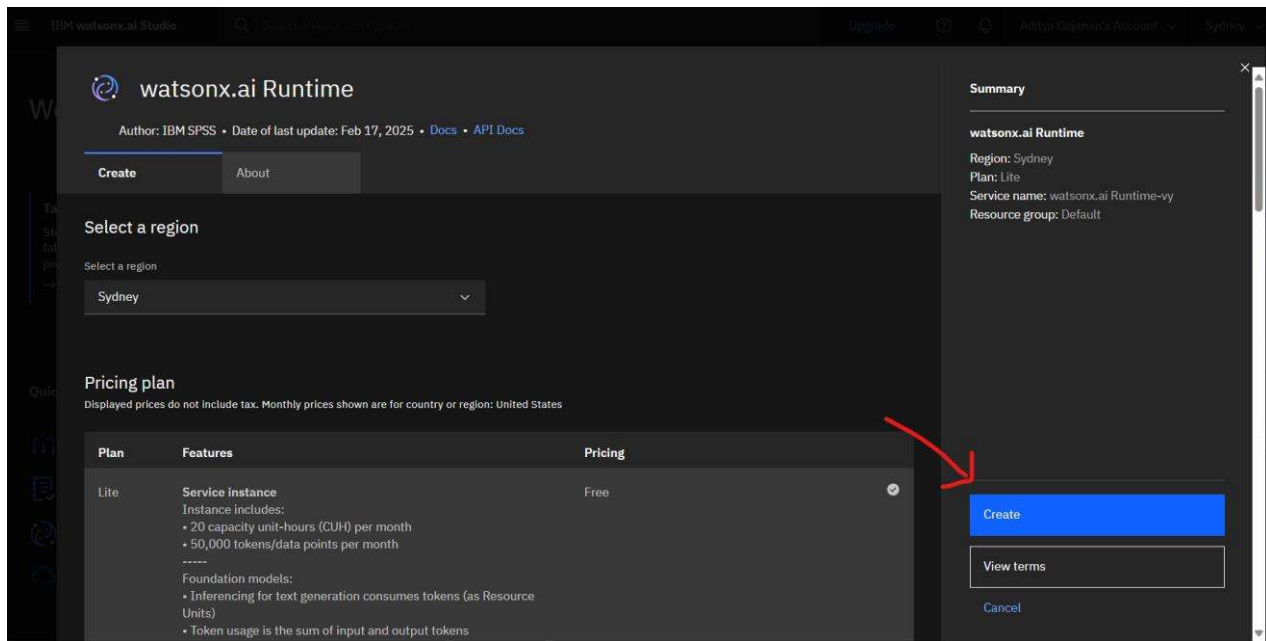
Step – click on Launch In



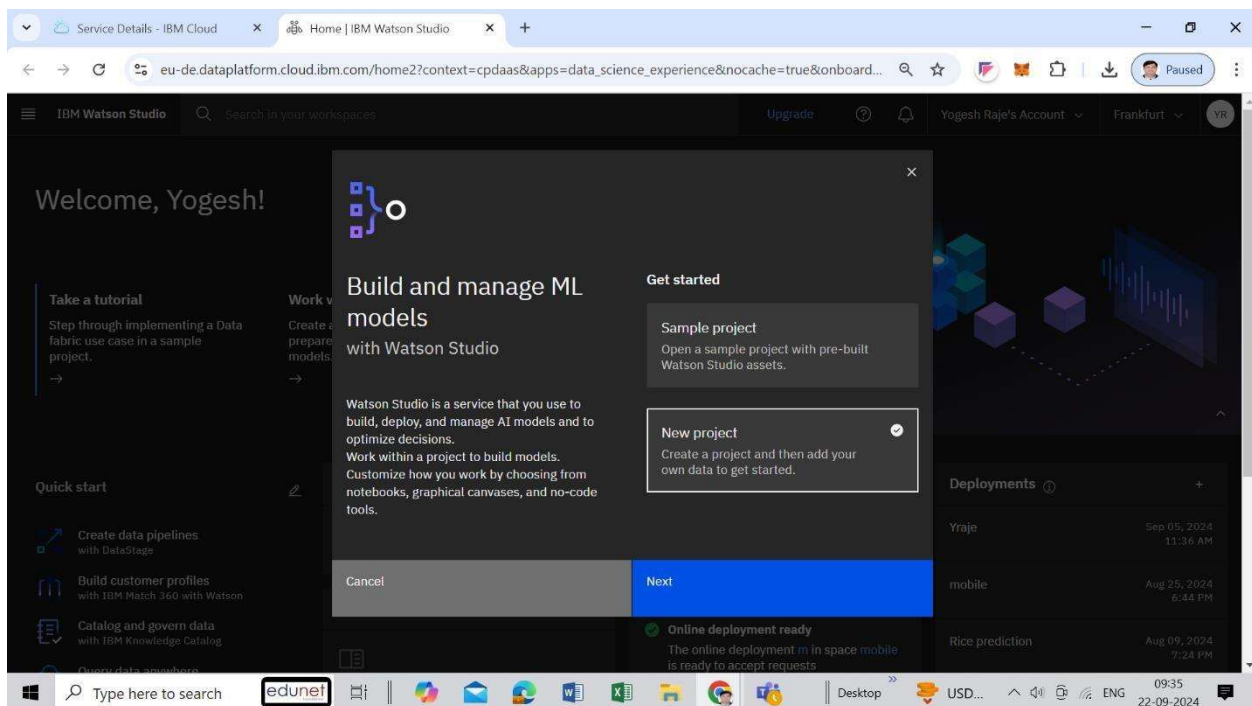
Step- Click Next



Step- Click Create button to create Watsonx.ai runtime service



Step- Click on New Project and Next



Step – Give project name as “Data analytics Project/ superstore analysis “

The screenshot shows the 'Create a project' interface in IBM Watsonx AI Studio. The form is titled 'Define details' and includes the following fields:

- Name:** A text input field containing 'Sample Superstore Analysis'.
- Description (optional):** A text area with the placeholder text 'What's the purpose of this project?'.
- Tags (optional):** A text input field with the placeholder text 'Add tags'.
- Storage:** A dropdown menu showing 'Cloud Object Storage-si'.

At the bottom right of the form are two buttons: 'Cancel' and 'Create'.

Step- scroll down and click on Add button to create Cloud object Storage service

It will open new tab of browser Select Free Plan and click on Create

The screenshot shows the 'Cloud Object Storage' service page in the IBM Cloud console. The page includes a 'Pricing plan' section with a table of available plans.

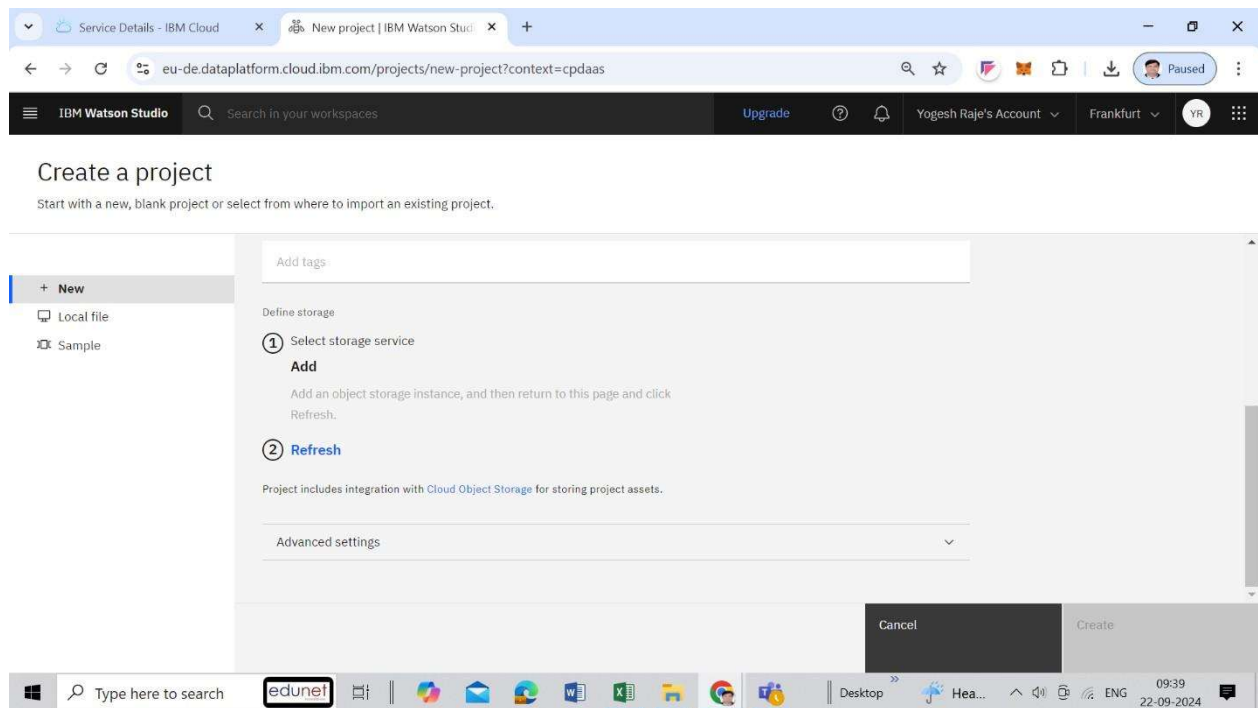
Plan	Features	Pricing
One Rate	One Rate plan offers a flat monthly charge that includes capacity, and built-in allowances for outbound bandwidth and data access. It is best suited for active workloads with large amounts of outbound bandwidth as a percent of their storage capacity.	See pricing details
Lite(deprecated)	Lite plan instance is free to use for Storage capacity up to 25 GB per month. Lite plan instance is used for trial, and can be easily upgraded to Standard plan for unlimited scalability and full functionality.	Free
None		

On the right side of the page, there is a 'Summary' panel with the following details:

- Cloud Object Storage**
- Region: Global
- Plan: Lite(deprecated)
- Service name: Cloud Object Storage-ar
- Resource group: Default

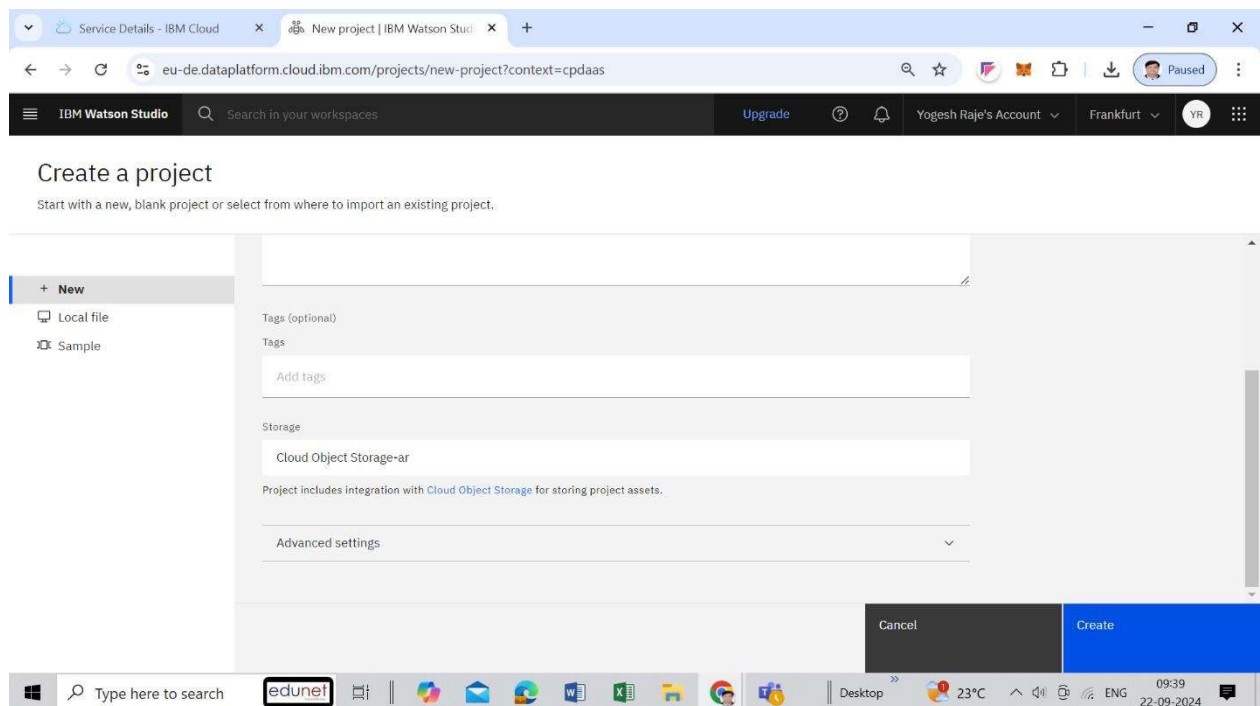
Below the summary panel are buttons for 'Create', 'View terms', and 'Cancel'.

It will automatically close current tab and return to previous tab of browser

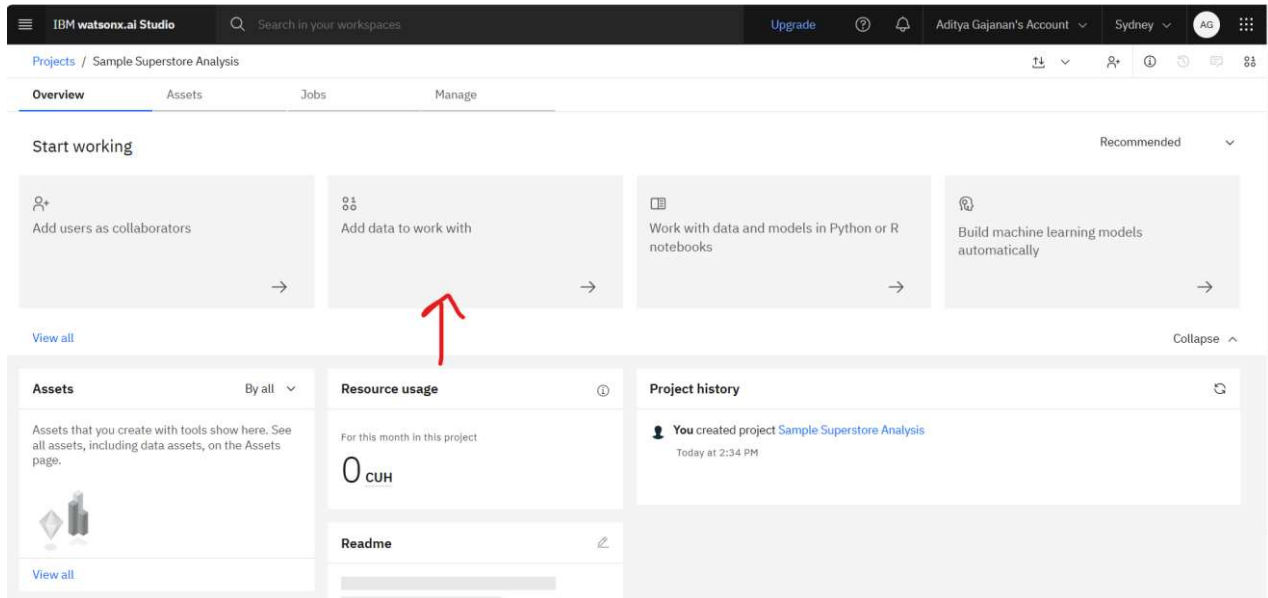


Step -Click on Refresh button.

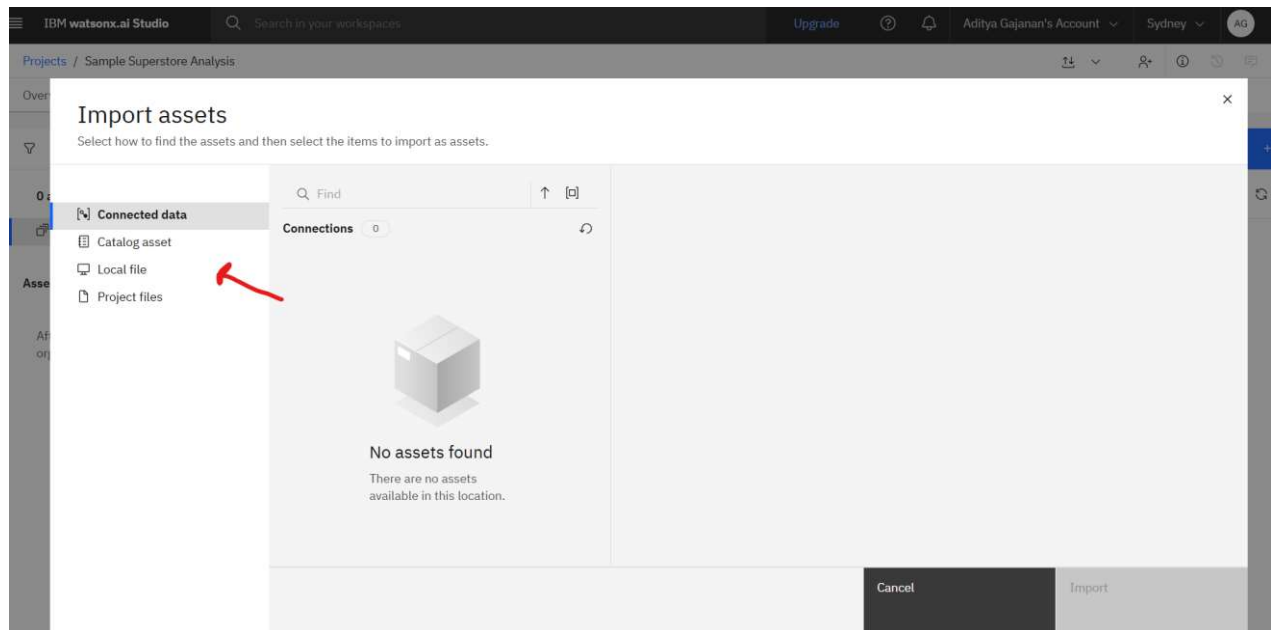
Now it will show the cloud storage service name



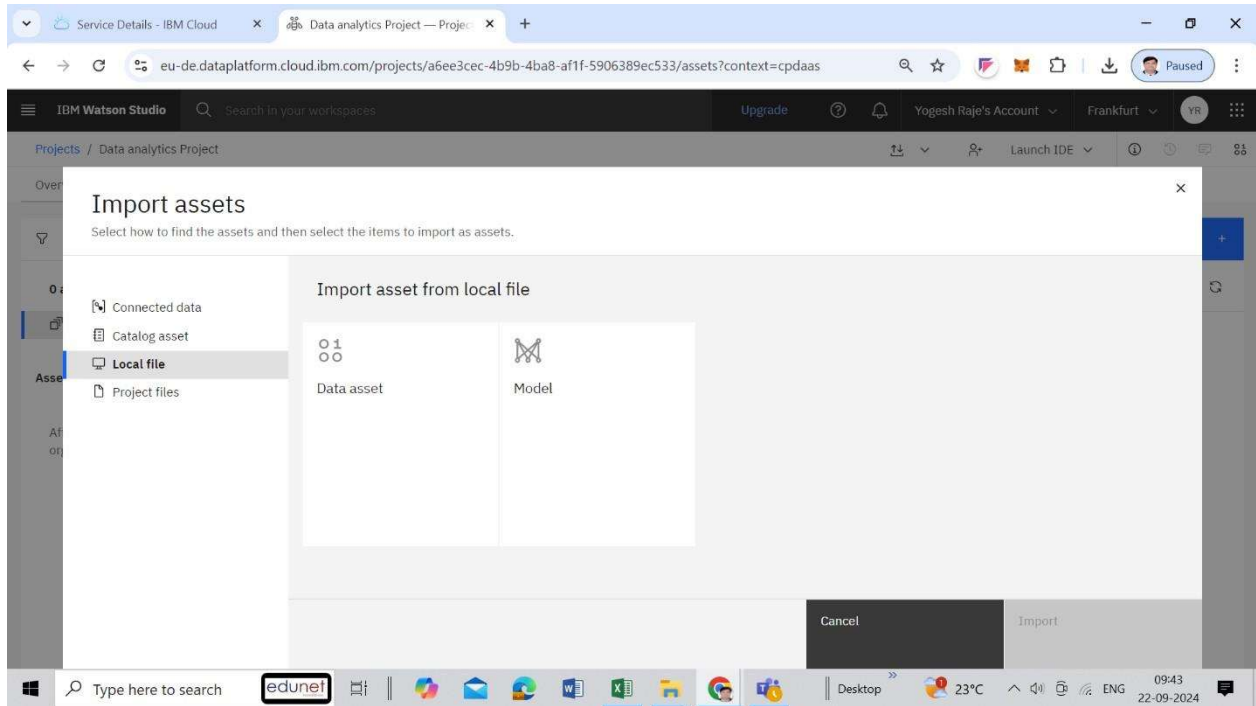
Step – click on add data to work with



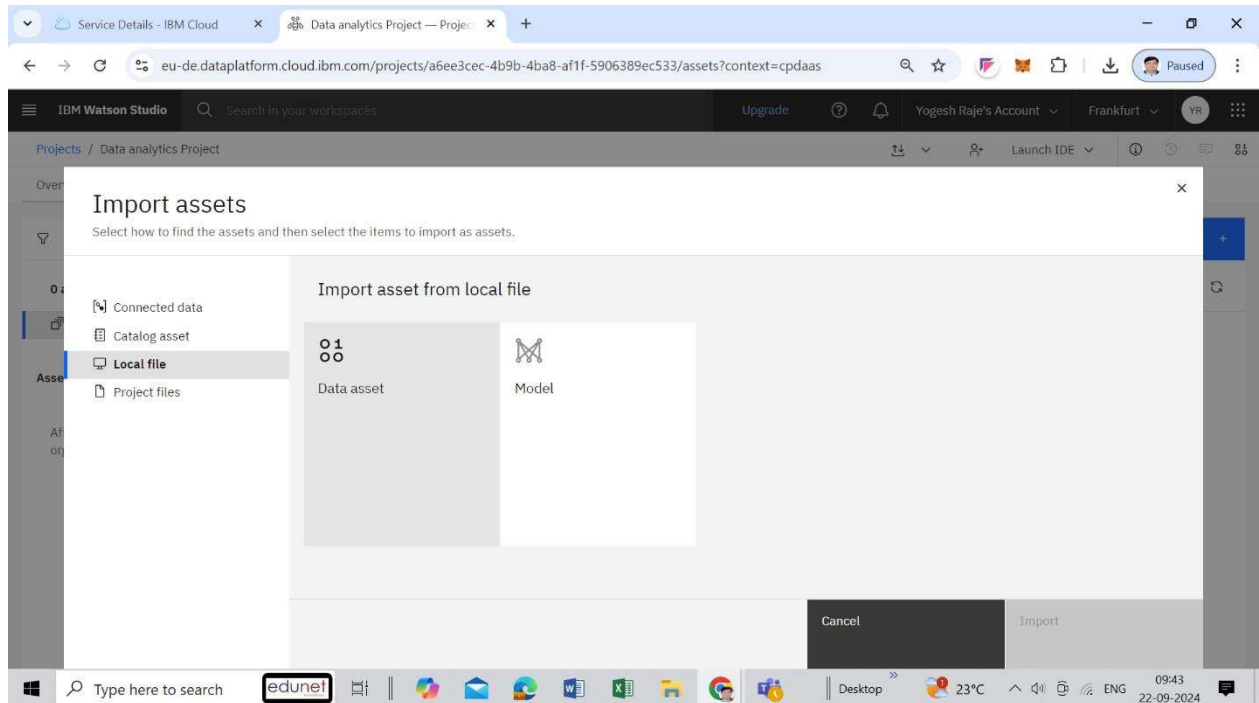
It will show the Import asset window, click on local file



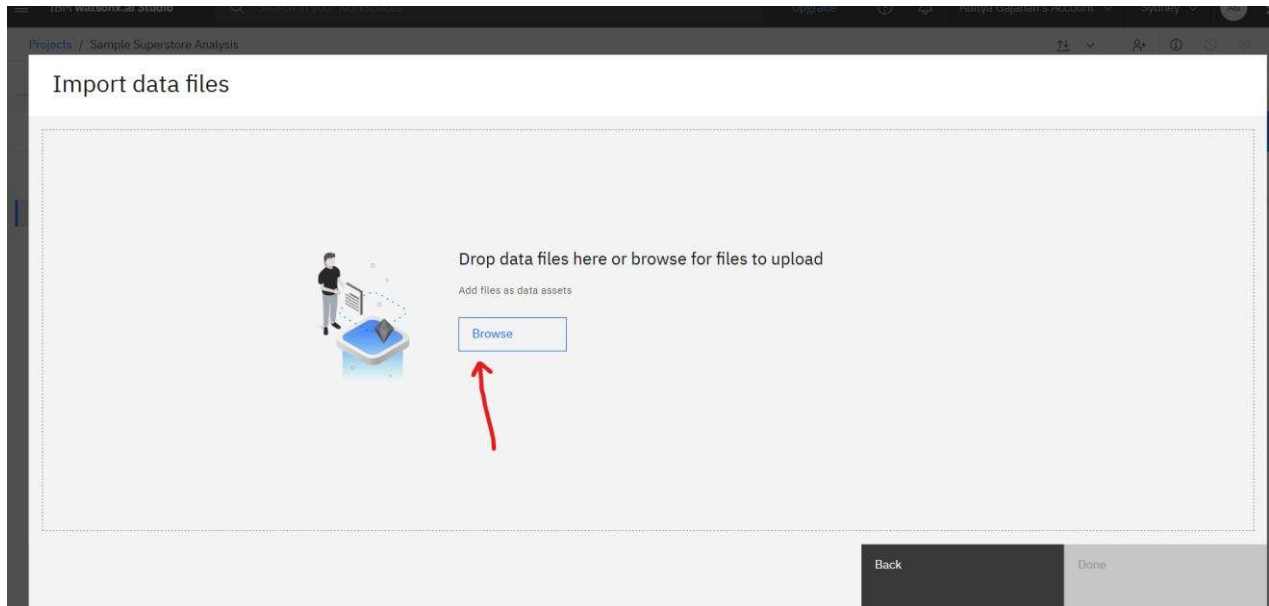
Step - Click on Local file



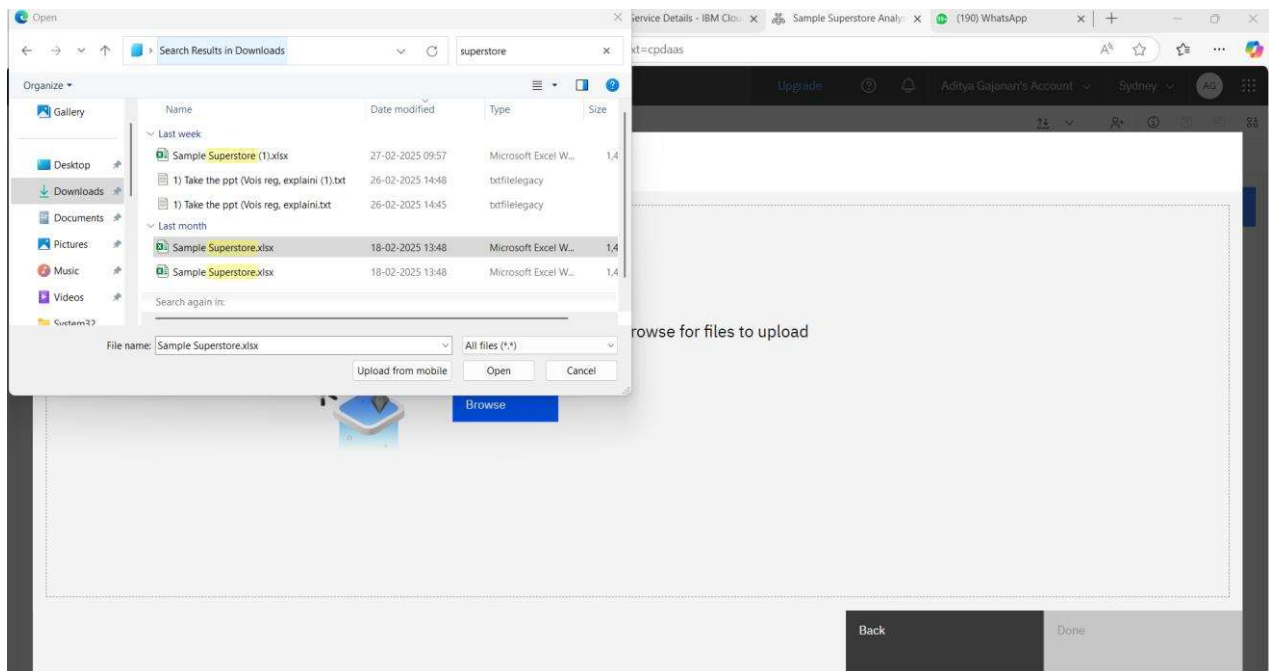
Step – Click on Data asset



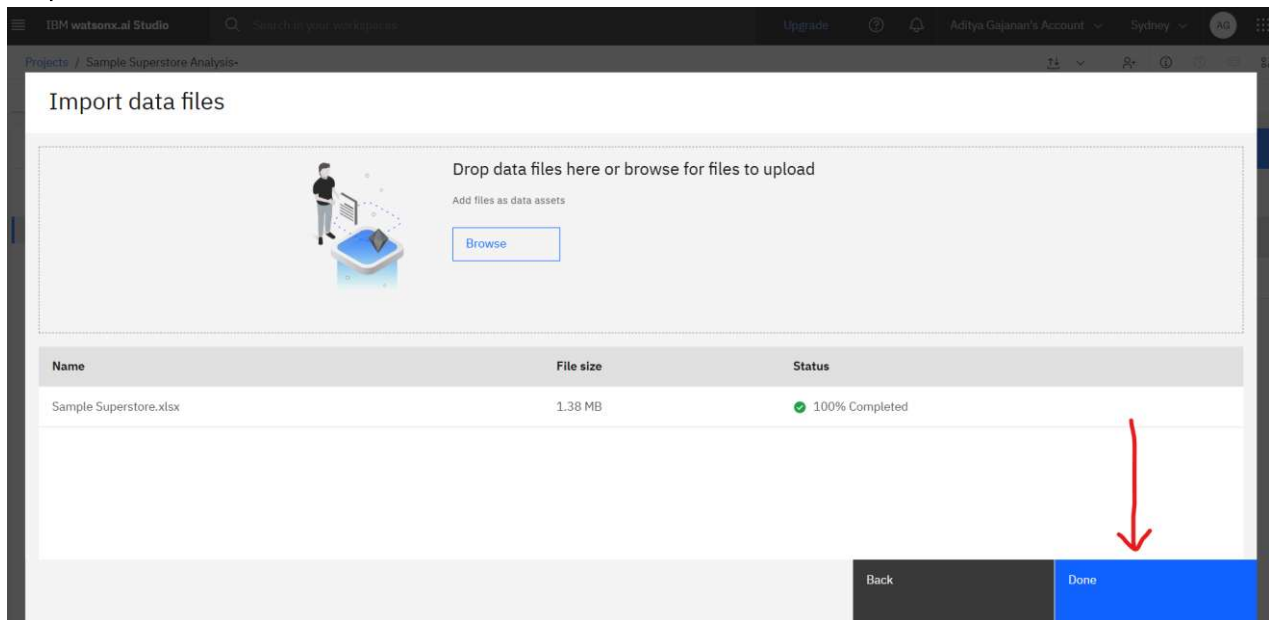
Step – click on Browse and upload the data



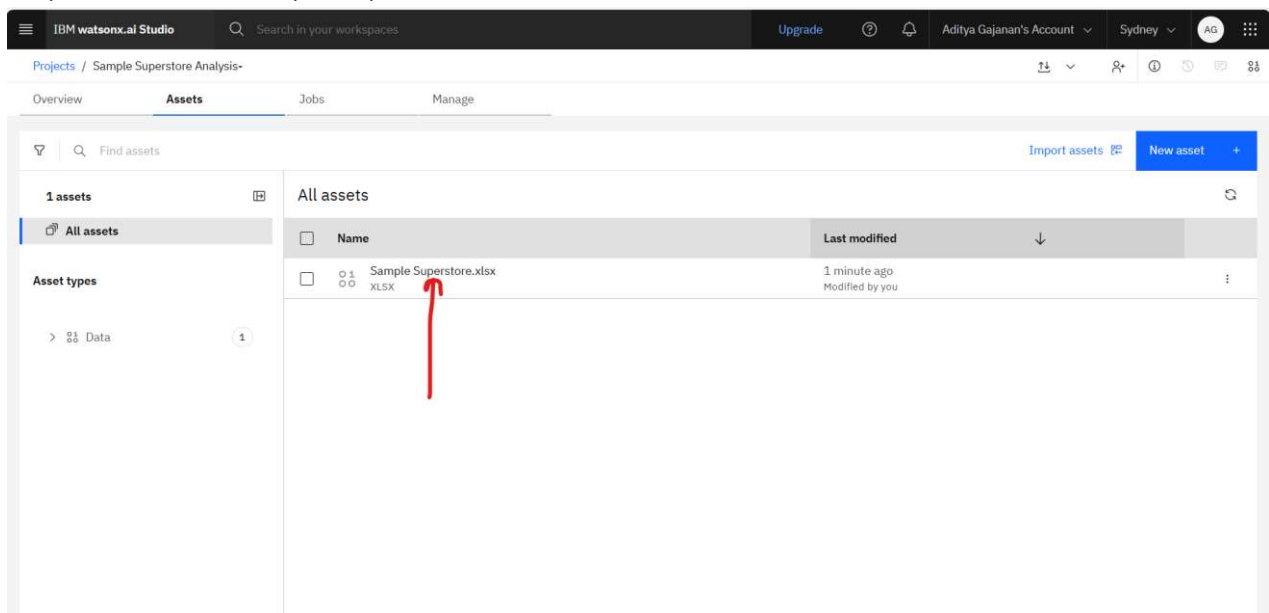
Step : select the data which u want to analyse



Step: click on done



Step: click on the sample superstore



Step: click on prepare data to clean and visualize the data

IBM Cloud Pak for Data

Search in your workspaces

Upgrade

Aditya Gajanan's Account

Sydney

AG

Projects / Sample Superstore Analysis / Sample Superstore.xlsx

Prepare data

Preview asset Visualization Feature group β

Columns: 24 | Sample rows: 1000

Last refresh: 9 seconds ago

Row ID	Order Priority	Discount	Unit Price	Shipping Cost	Customer ID	Customer Name	Ship Mod
18606	Not Specified	0.01	2.88	0.5	2	Janice Fletcher	Regular
20847	High	0.01	2.84	0.93	3	Bonnie Potter	Express
23086	Not Specified	0.03	6.68	6.15	3	Bonnie Potter	Express
23087	Not Specified	0.01	5.68	3.6	3	Bonnie Potter	Regular
23088	Not Specified	0	205.99	2.5	3	Bonnie Potter	Express
23597	Medium	0.09	55.48	14.3	3	Bonnie Potter	Express
25549	Low	0.08	120.97	26.3	3	Bonnie Potter	Delivery
20228	Not Specified	0.02	500.98	26	5	Ronnie Proctor	Delivery
19483	Low	0.08	6.48	6.81	5	Ronnie Proctor	Regular
24782	High	0.01	90.24	0.99	6	Dwight Hwang	Regular
24563	Critical	0.07	6.48	6.6	6	Dwight Hwang	Regular
24564	Critical	0.01	4.84	0.71	6	Dwight Hwang	Regular
24565	Critical	0.1	85.99	0.99	6	Dwight Hwang	Regular
21866	High	0.05	12.28	4.86	7	Leon Gill	Regular
20876	Medium	0.08	140.98	36.09	8	Melanie Garner	Delivery
20877	Medium	0.1	286.85	61.76	9	Lorraine Houston	Delivery

About this asset

Name: Sample Superstore.xlsx

Description: What's the purpose of this asset?

Tags: Add tags to make assets easier to find.

Last modified: 2 hours ago by Aditya Gajanan

Created on: Mar 06, 2025 by Aditya Gajanan

Step: Now lets visualize the data go to the visualize the data and find some insights from the data which can help us to solve the sells problems and increase the efficiency

IBM Cloud Pak for Data

Search in your workspaces

Upgrade

Aditya Gajanan's Account

Sydney

AG

Projects / Sample Superstore Analysis / Sample Superstore.xlsx / Data Refinery

Steps (0)

Use a code template to add a step

Data source: Sample Superstore.xlsx

Visualizations

CHART TYPE

Scatter plot

Line

Multi-series

Histogram

ACTIONS

Choose a chart above or select columns below, and then choose a chart. If you select columns, suggested charts will be indicated with a dot next to the chart name.

Columns to visualize

Add another column

New step

About this asset

Name: Sample Superstore.xlsx_flow

Description: What is the purpose of this Data Refinery flow?

Asset details

Steps: 0

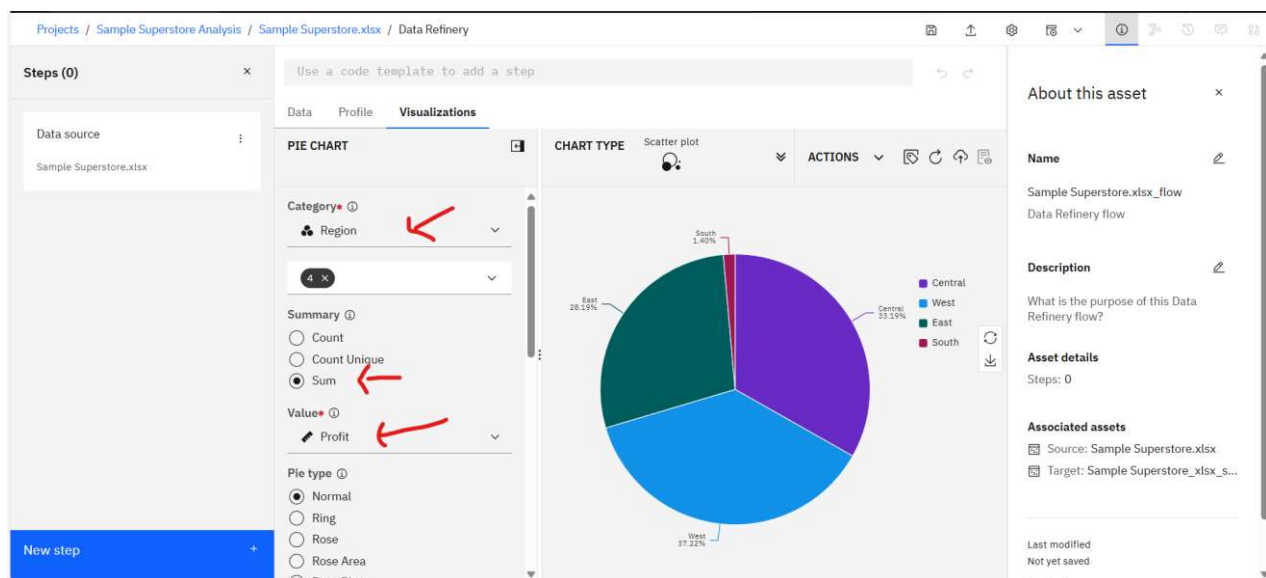
Associated assets

Source: Sample Superstore.xlsx

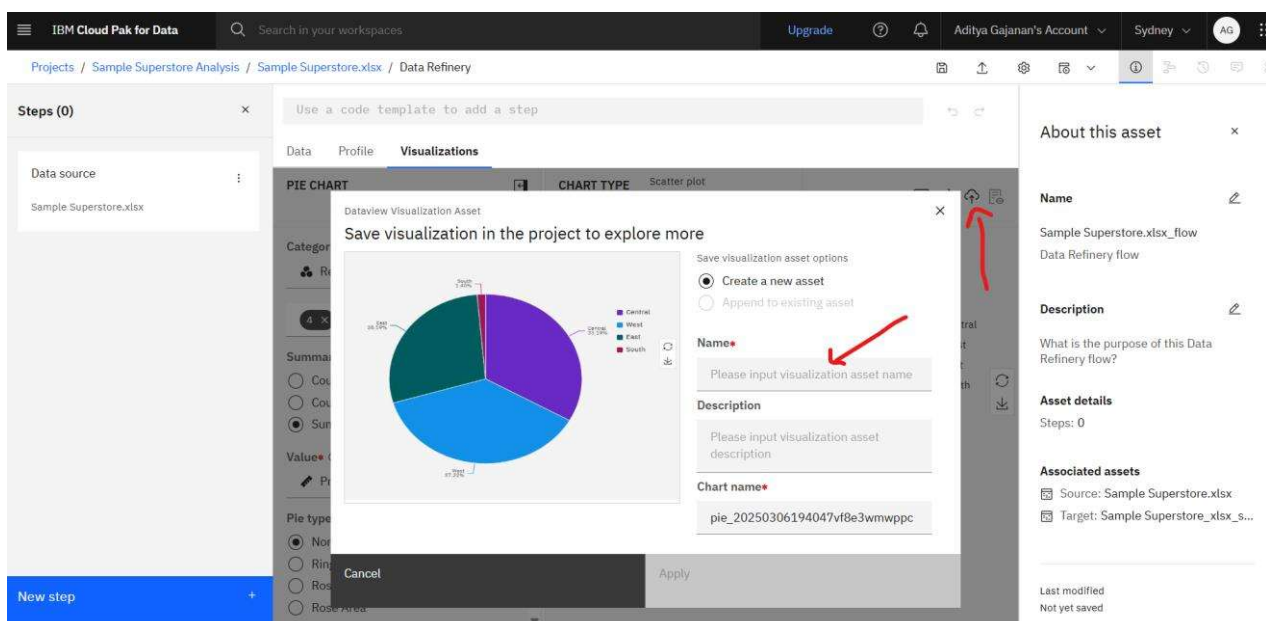
Target: Sample Superstore.xlsx_s...

Last modified: Not yet saved

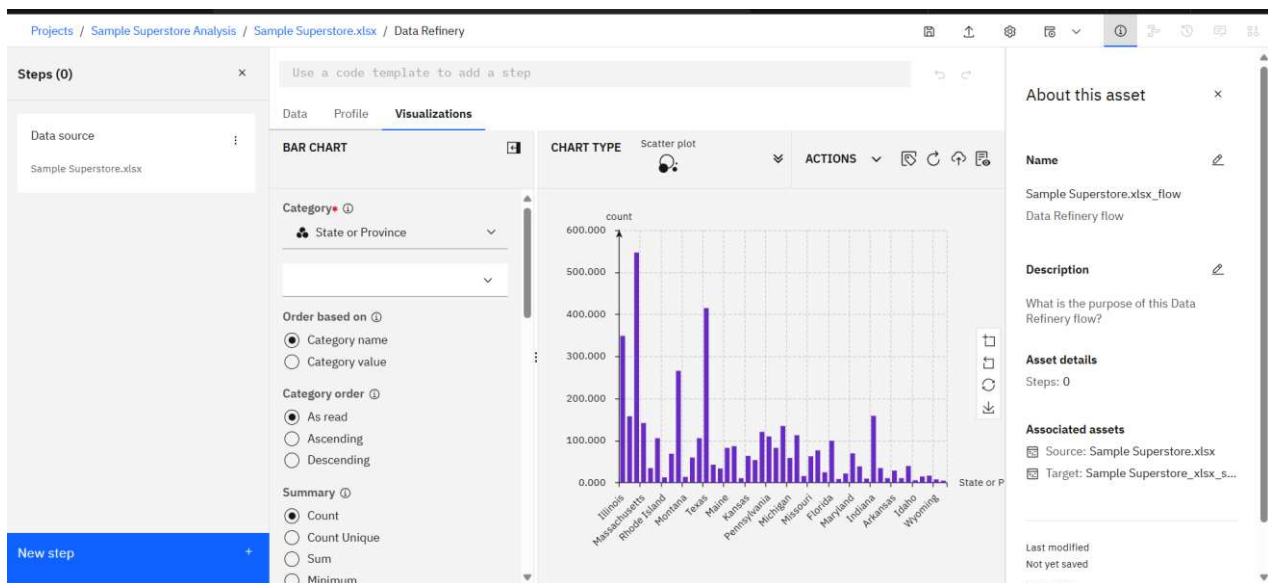
Step : lets plot a pie chart to find the region wise profit (select the region in the category and then click on sum and then select the values as profit



Step: now if you want to save this image of the pie chart click on save option then write the name of chart and click on save



Step: plotting a bar chart to get the information about the sales in different states selected bar chart and then clicked on category and selected state



Step: lets select the parreto chart to get info about the sales as per the segments with parreto charts and save the model

