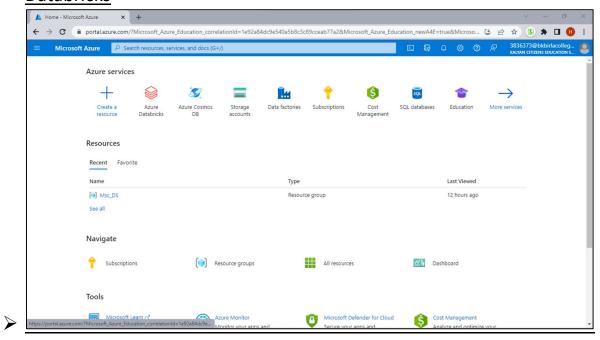
Data on cloud

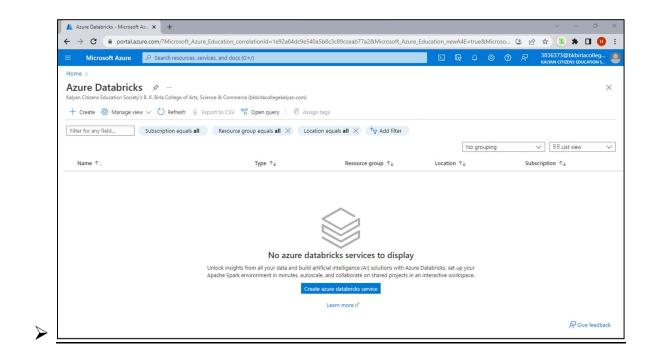
[Practical 4 & 5]

2 Dec 2022

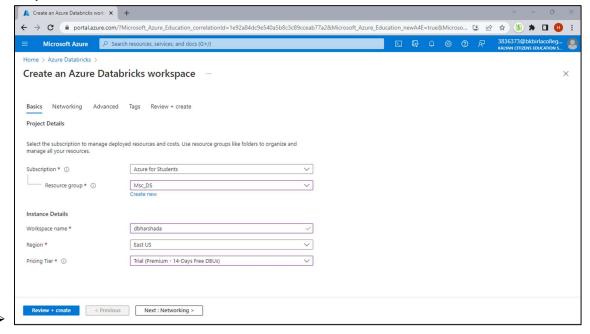
P.no.[4] Create Azure databricks

➤ Go to the home page of Microsoft azure > click on <u>Azure</u>
Databricks

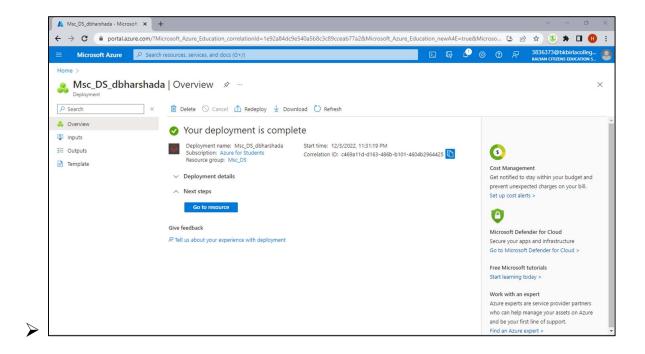




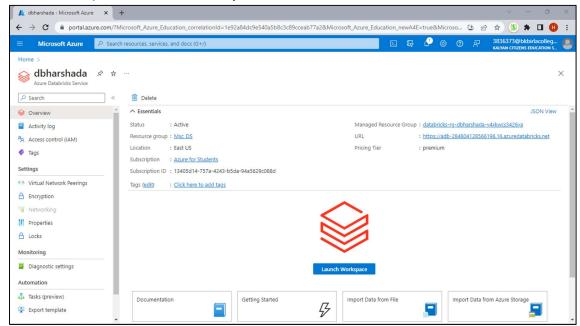
Click on create > select the resource group (Msc_DS) > In instance details – Workspace name : dbharshada (dbfirstname) > click on Review+create > pricing tier : select -Trial for 14 days.



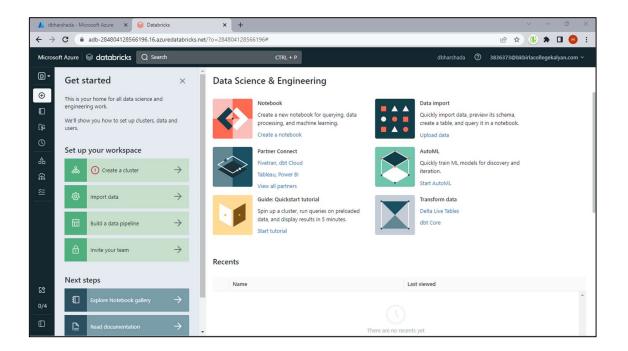
> Then we get..



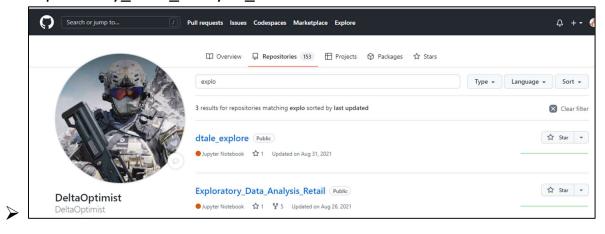
➤ Come back to Home page and click on dbharshada(azure databricks) > Launch Workspace .



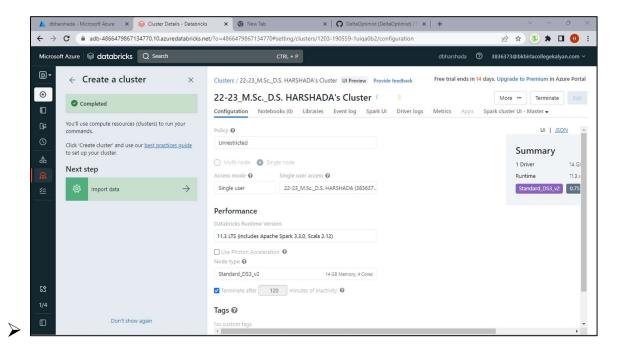
- ➤ When we launch workspace then we get some questions or ask some about project, it is not important just skip or close .
- ➤ Then get...



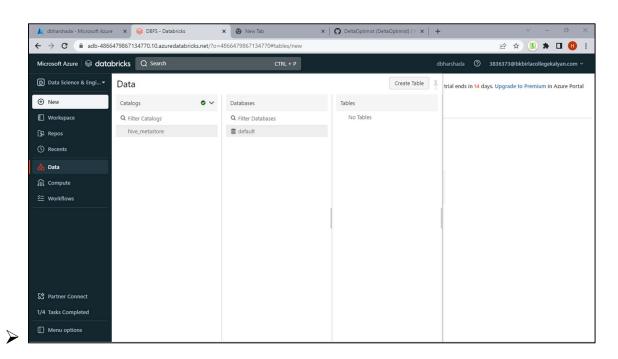
Now go on new tab to download and extract the data set from deltaoptimist github, which is Exploratory Data Analysis Retail.

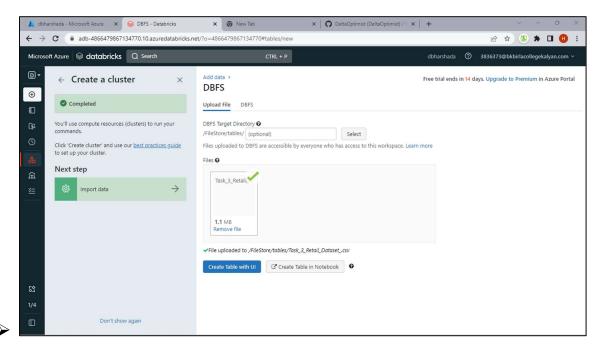


Next create cluster --> compute > create compute>all details keep as it is > click below create cluster. If there has come any error to create cluster the switch the Multi Node to – single Node.



Click on Data > then click on create table > upload the file which we download and extract from the GitHub >

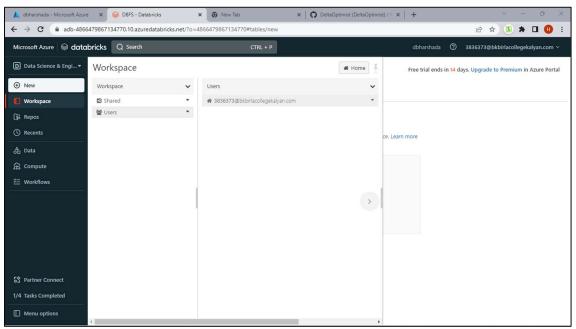


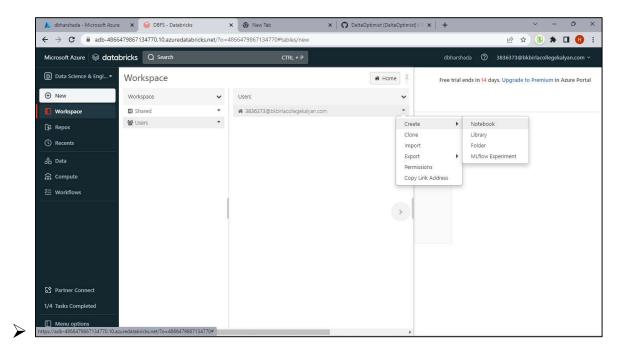


Then copy the path where we upload the

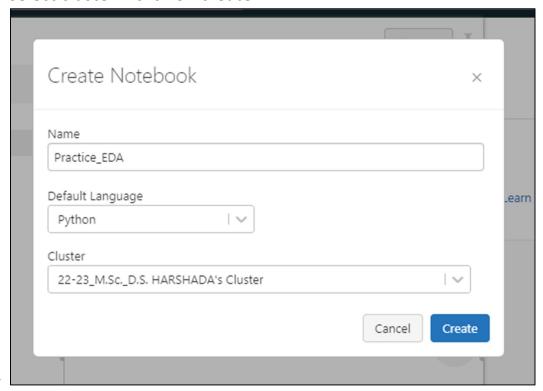
file. /FileStore/tables/Task_3_Retail_Dataset_.csv

Go on workspace > select User > click on your user id > create > notebook.

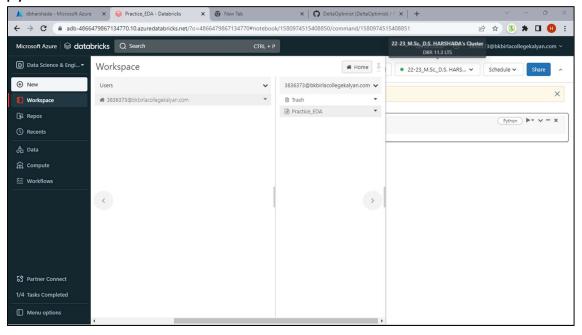




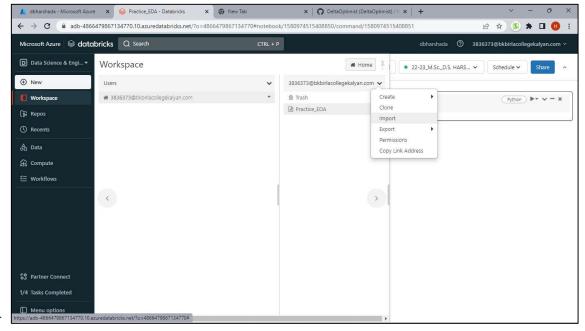
Create Notebook > Give the name of notebook > python > select cluster > click on create.



Again select workspace > click on Practice_EDA – to create the python notebook.

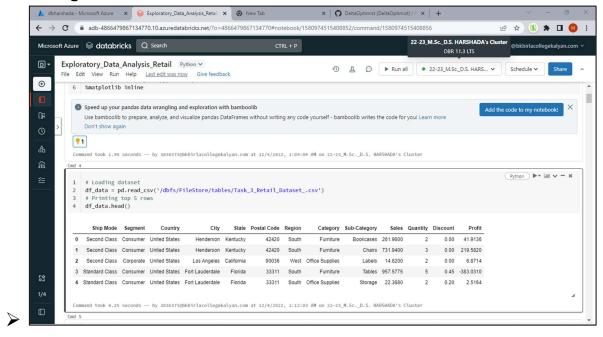


import the data set on notebook.



➤ The path : /dbfs/FileStore/tables/Task_3_Retail_Dataset_.csv

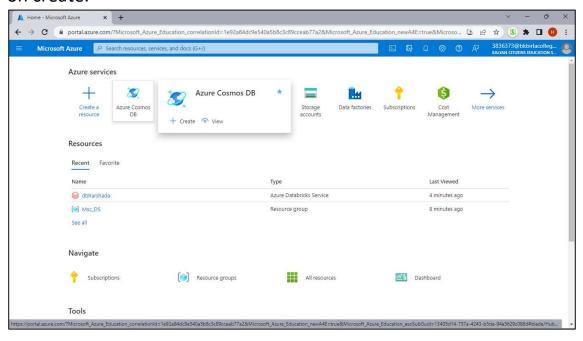
> then get ...

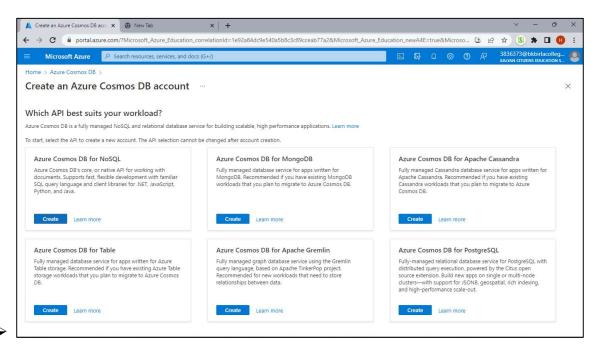


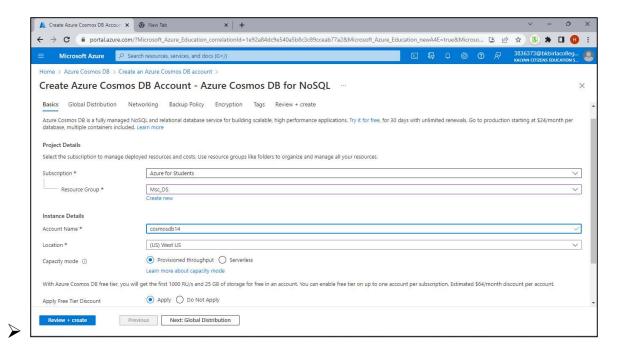
P.no.[5]Create cosmosDB container, insert data records in containers and delete the records using TTL(Time to Live) approach.

➤ Home page > click on <u>Azure cosmosDB > create</u> new Azure cosmosDB account > select <u>Azure cosmos DB for NoSQL</u> > select resource group > Type the Account name : cosmosdb14 > click

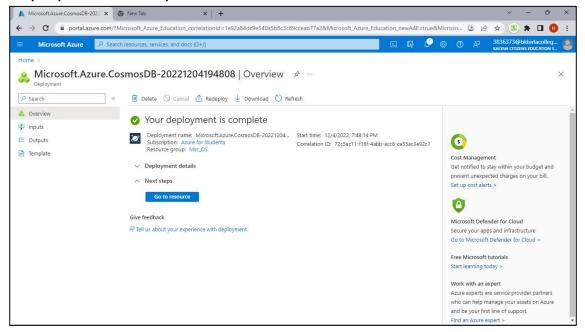
on create.



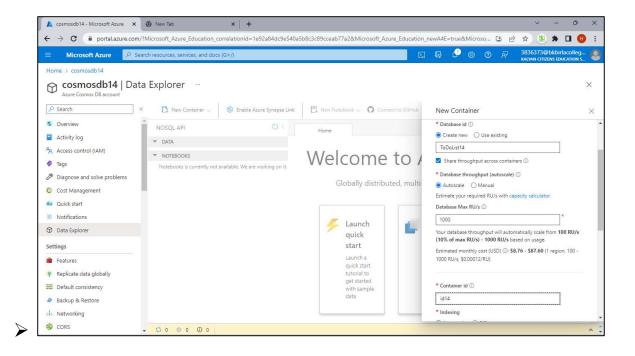




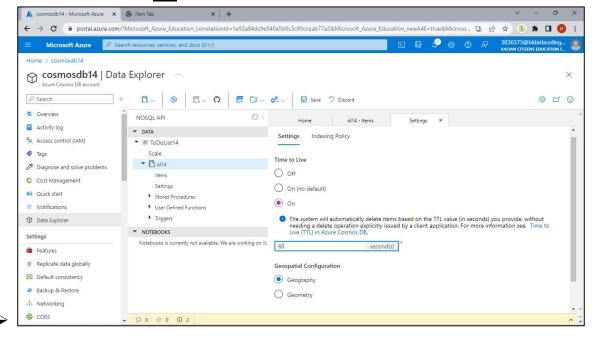
Deployment is complete.



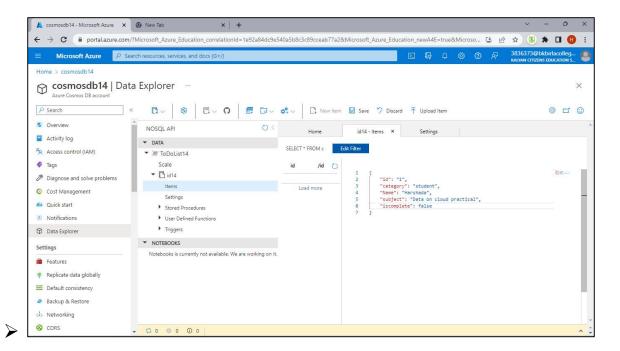
Home > click on cosmosDB > add container > fill the details > click on ok .

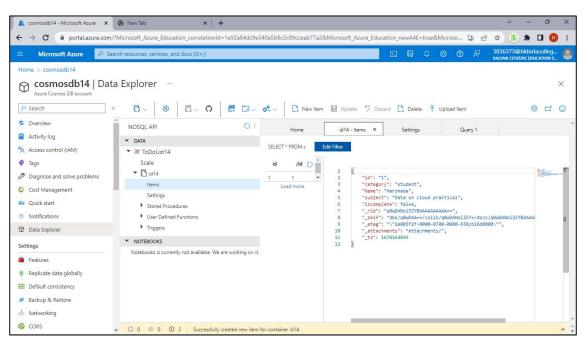


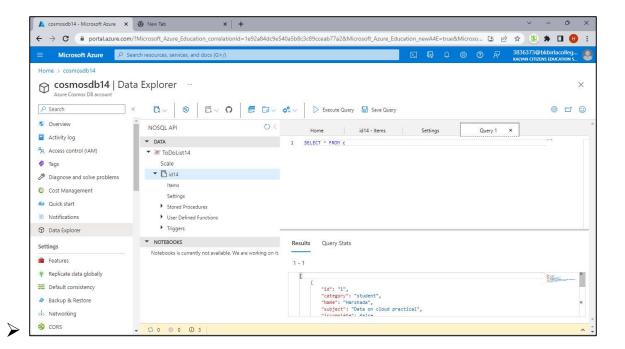
➤ Click on ToDoList14 > id14 > items > go on items setting edit time to live with On > set time in second > Save .



Comes on id14-items > click on New item > type query > save > add new Query > Execute Query > it automatically delete after 60 sec.







```
id14 - Items ×
            Home
                               Settings
                                                                         Query 1
    SELECT * FROM c
                       Edit Filter
     id
                    /id
                              0
                                      1
                                               "id": "1",
                                      2
                                               "category": "student",
                                      3
           Load more
                                               "Name": "Harshada",
                                               "subject": "Data on cloud practical",
                                      5
                                               "iscomplete": false,
                                      6
                                      7
                                               "_rid": "BFUXAOvckVUCAAAAAAAAA==",
                                               "_self": "dbs/BFUXAA==/colls/BFUXAOvckVU=/docs/BF
                                      8
                                               "_etag": "\"d60030cd-0000-0700-0000-638cd7f30000\
                                      9
                                               "_attachments": "attachments/",
                                     10
                                               "_ts": 1670174707
                                     11
                                     12
0 0 1 10 10
```