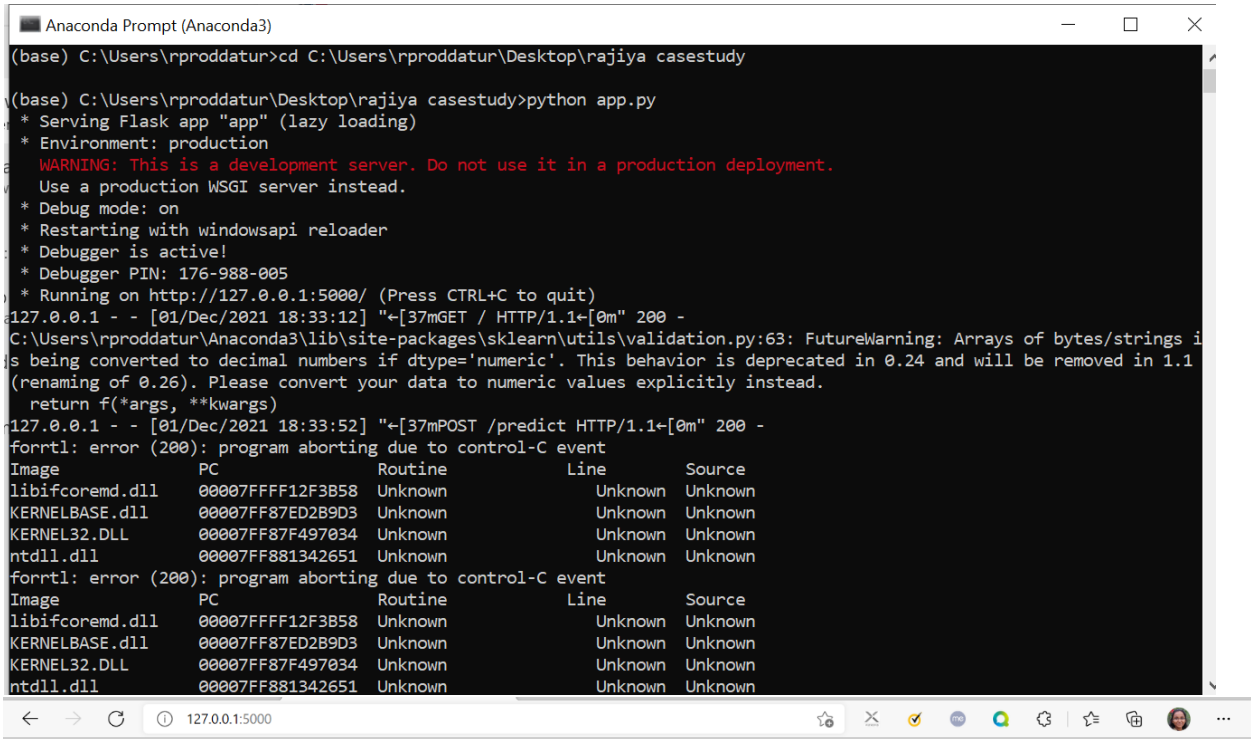
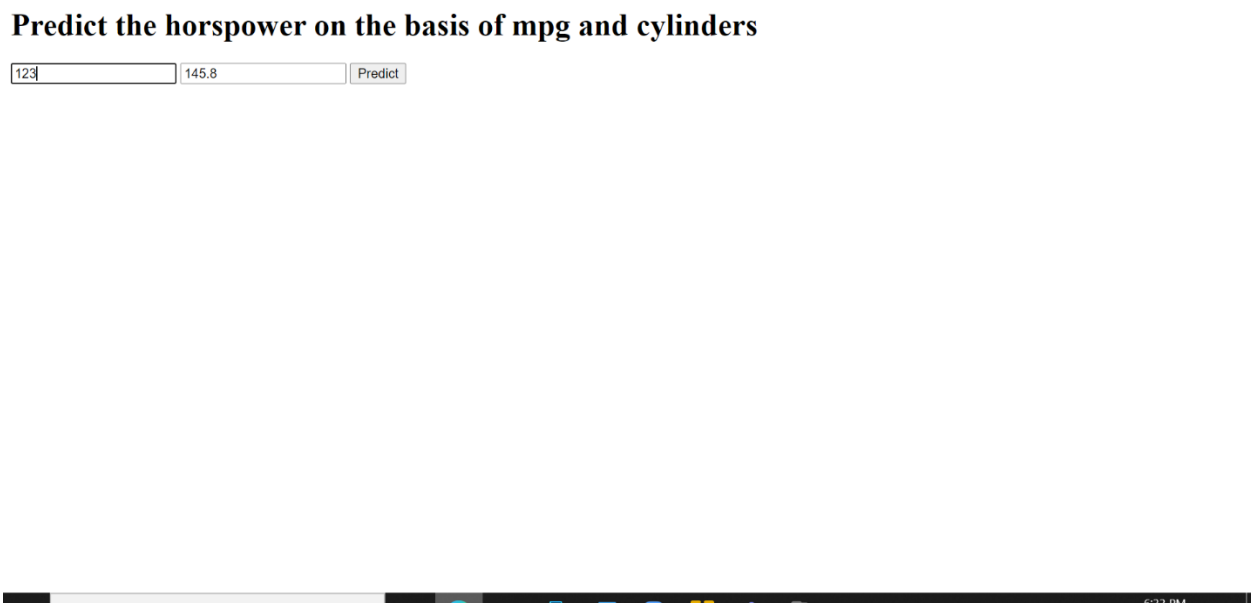
Rajiya Casestudy AWS

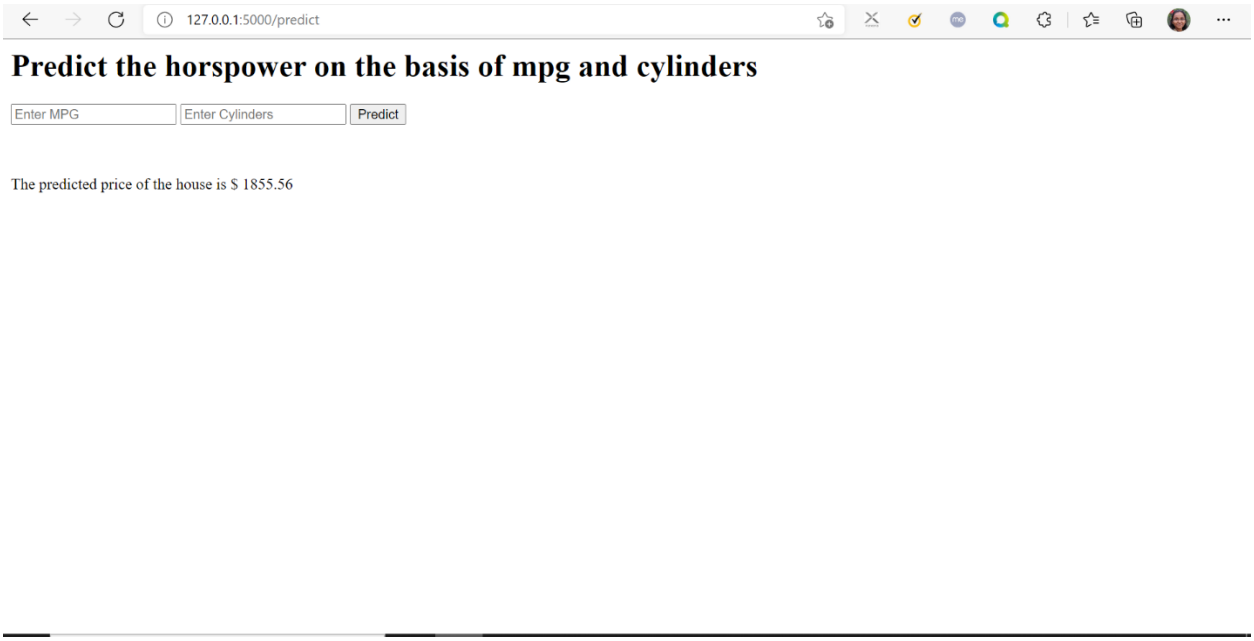
Task 1

Using mpg dataset create linear regression between any two input columns and develop Machine Learning model and deploy on Flask.

Running the app.py on command prompt



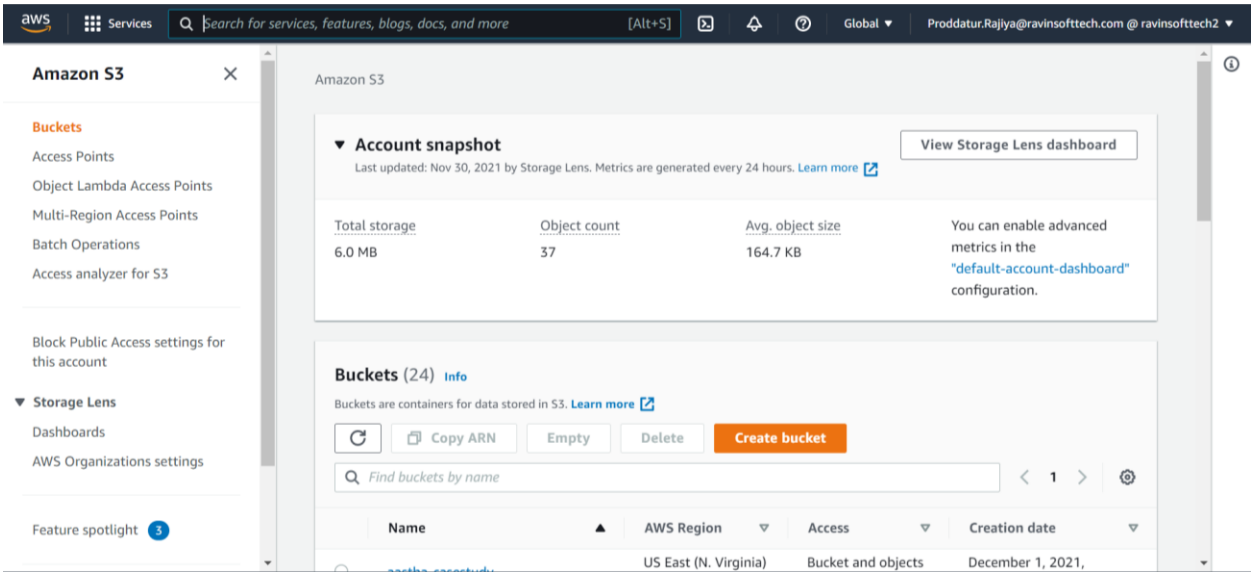



127.0.0.1:5000/predict
Predict the horspower on the basis of mpg and cylinders
Enter MPG
Enter Cylinders
Predict
The predicted price of the house is $ 1855.56

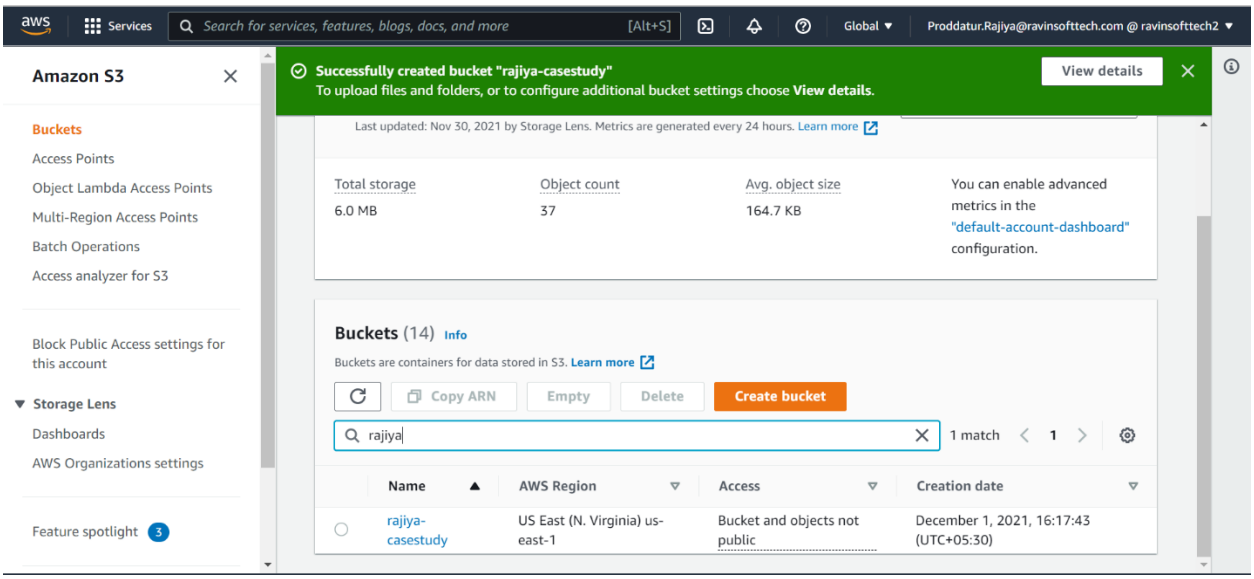
Task 2

AWS Task:

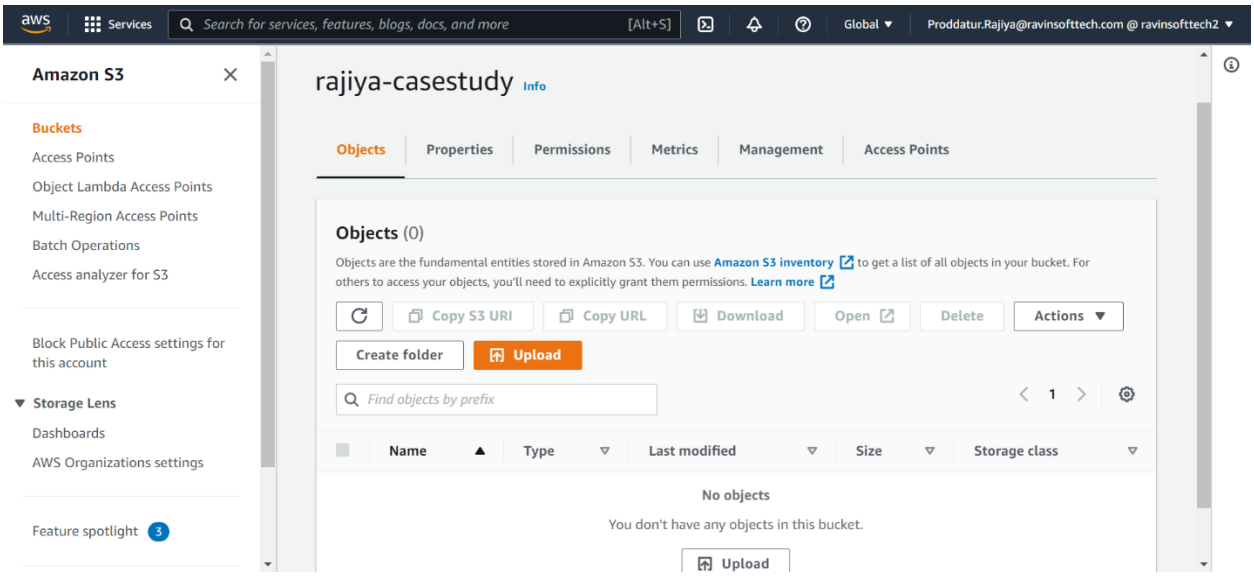
In amazon s3 page we go to “Buckets”



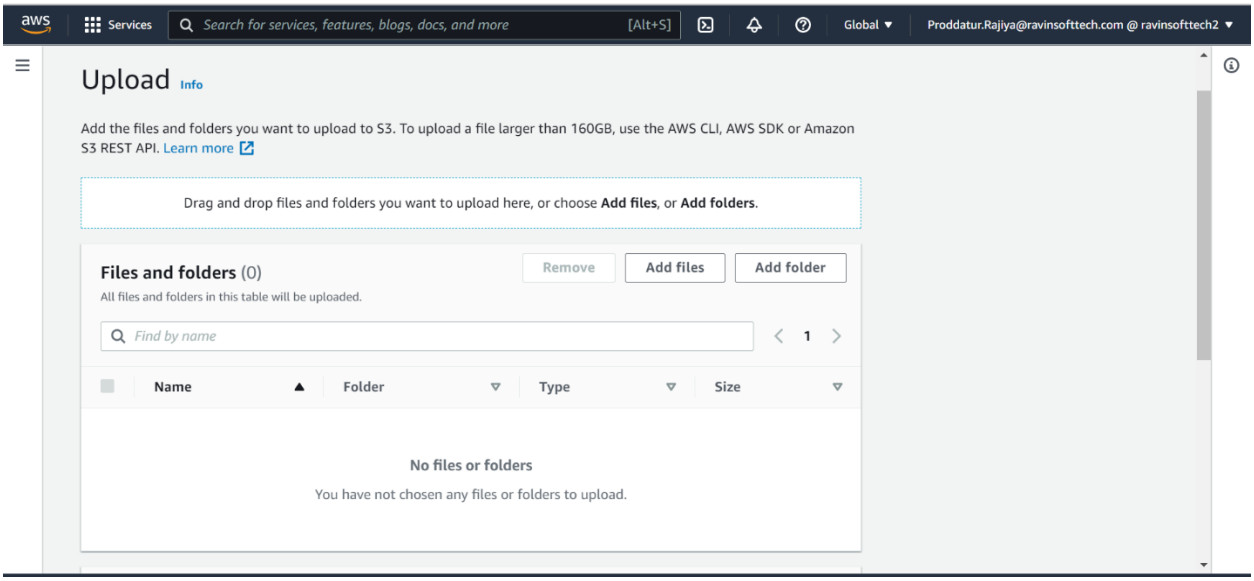
In the above page by clicking “Create bucket” we created s3 bucket with name as “rajiya-casestudy”



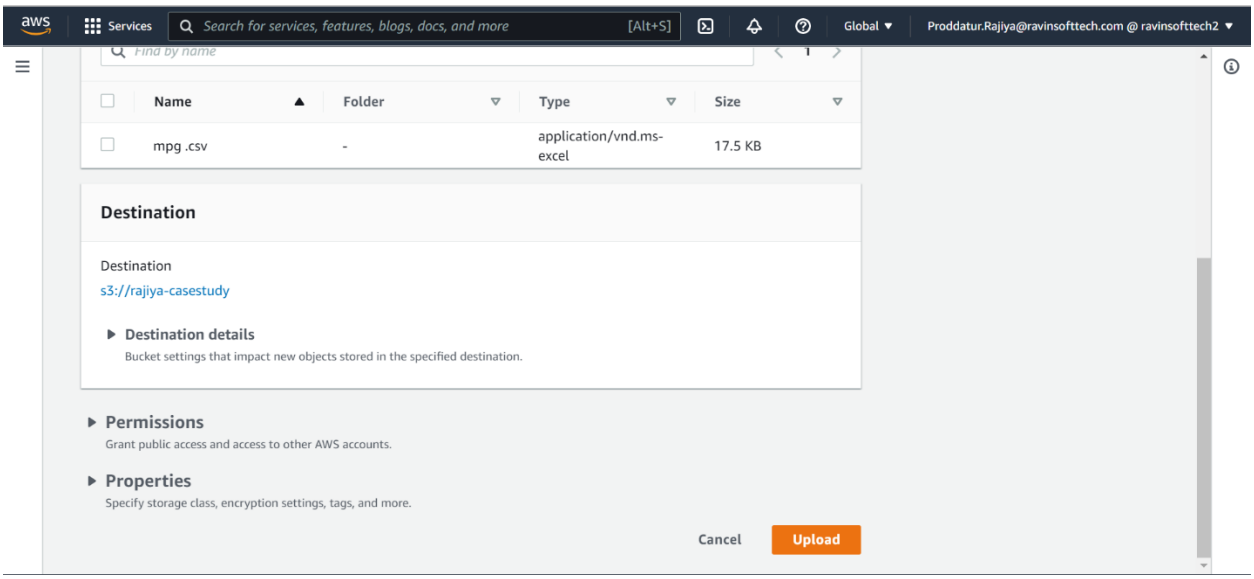
Now we can start uploading files in to s3 bucket



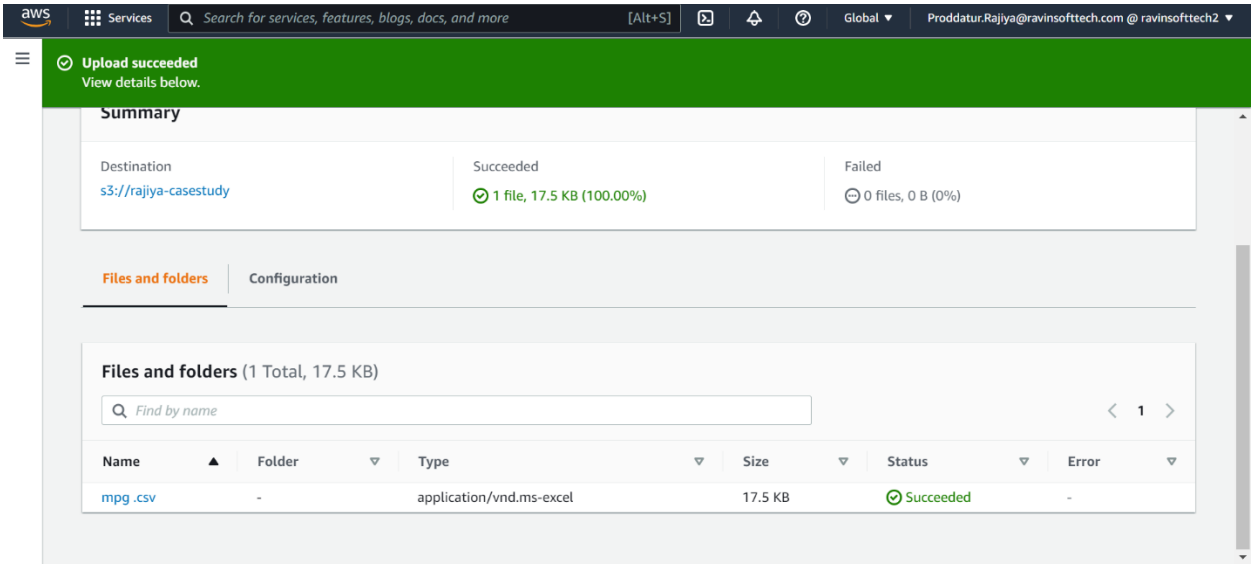
By clicking on “Upload” button the following page will open



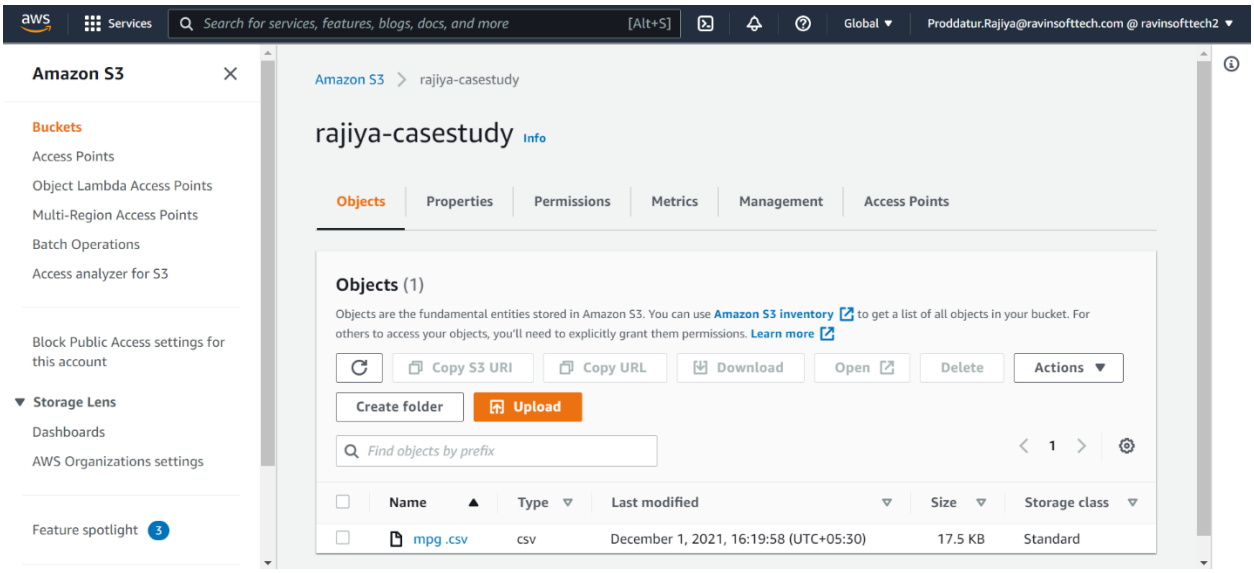
We can upload by clicking on “Add files” or “Drag and drop the files”



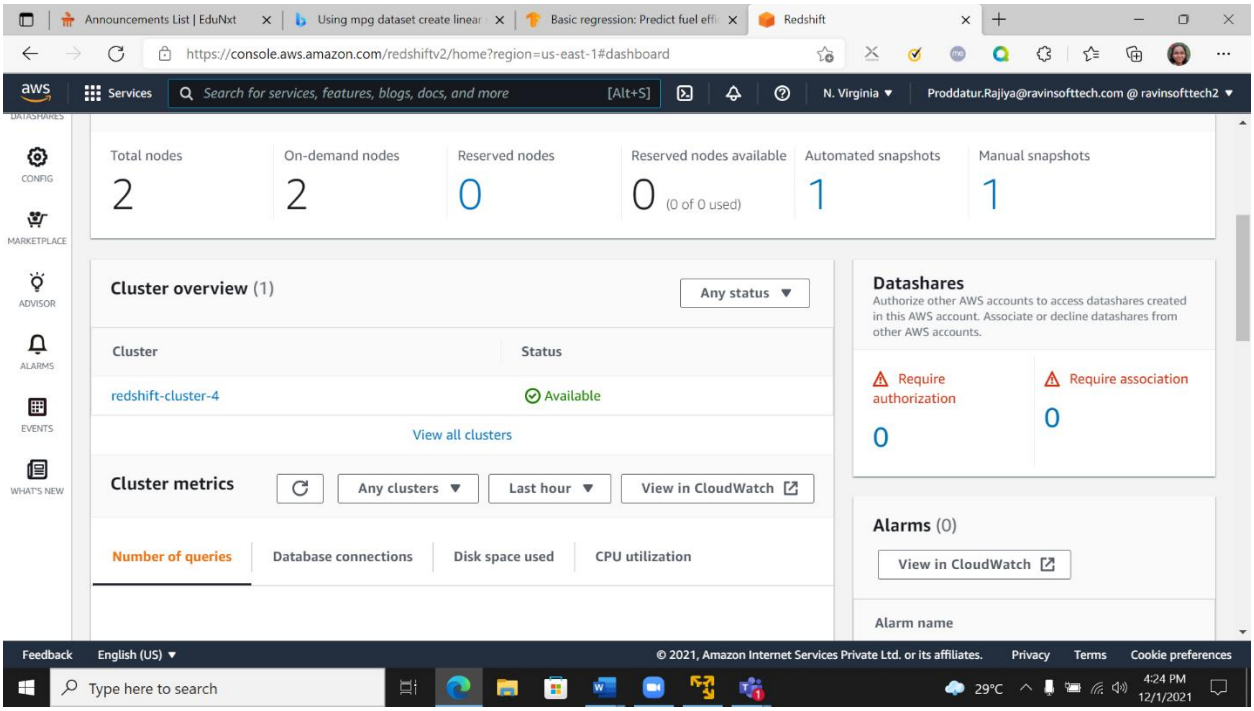
By clicking on the “Upload” button the files will get uploaded



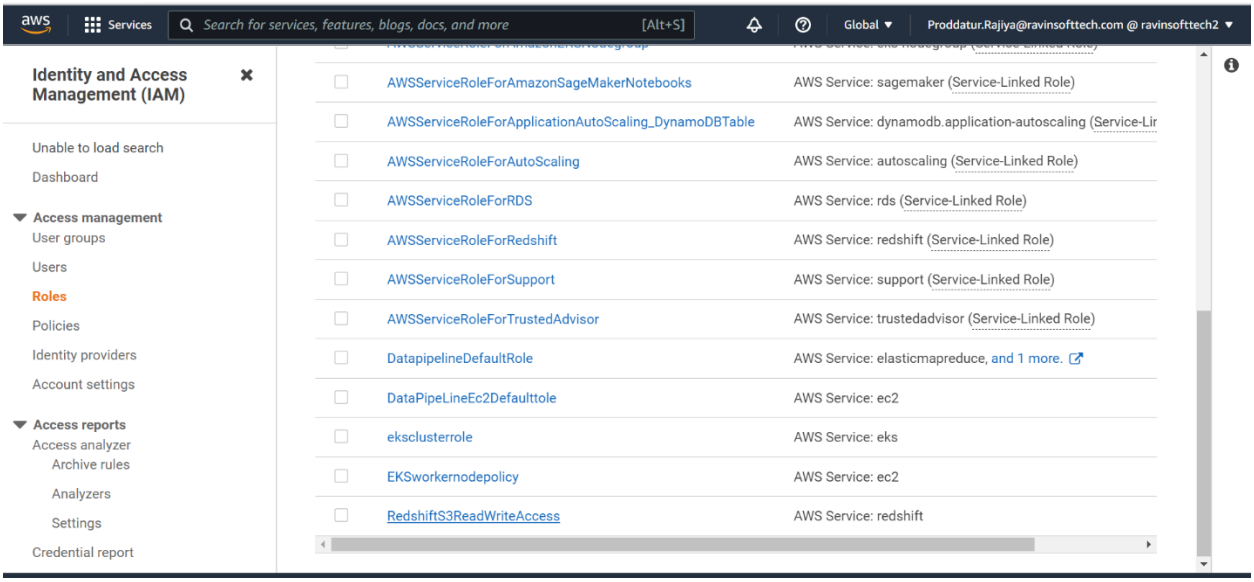
Now we can copy the location of the bucket for further use.



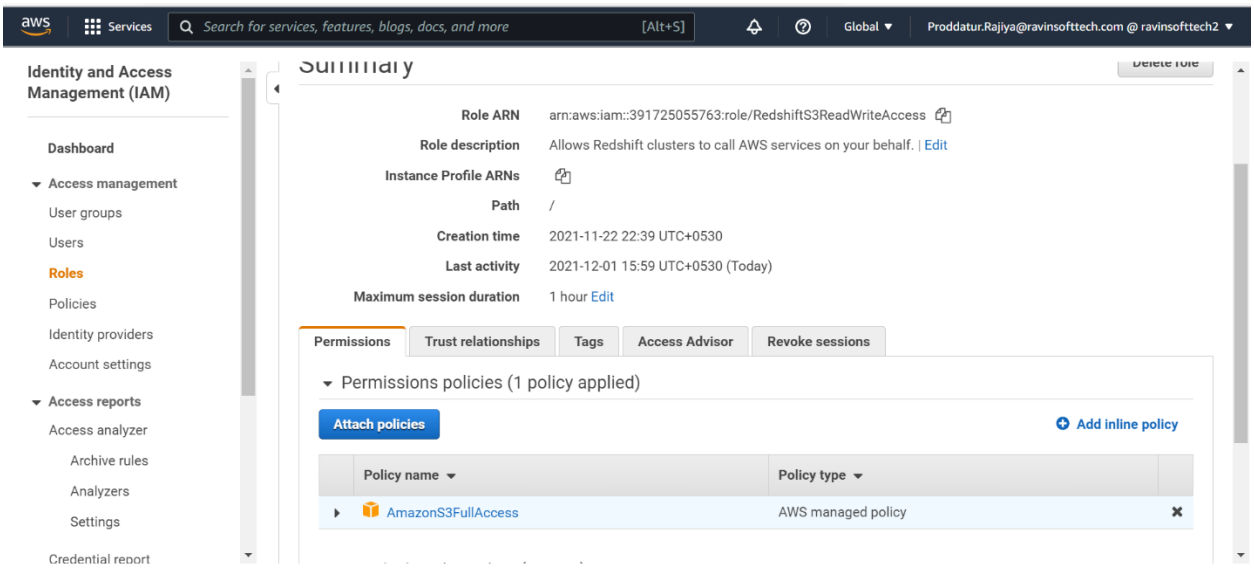
Now we need to go to “Amazon Redshift” and create a cluster
As we already have a cluster we are making use of it



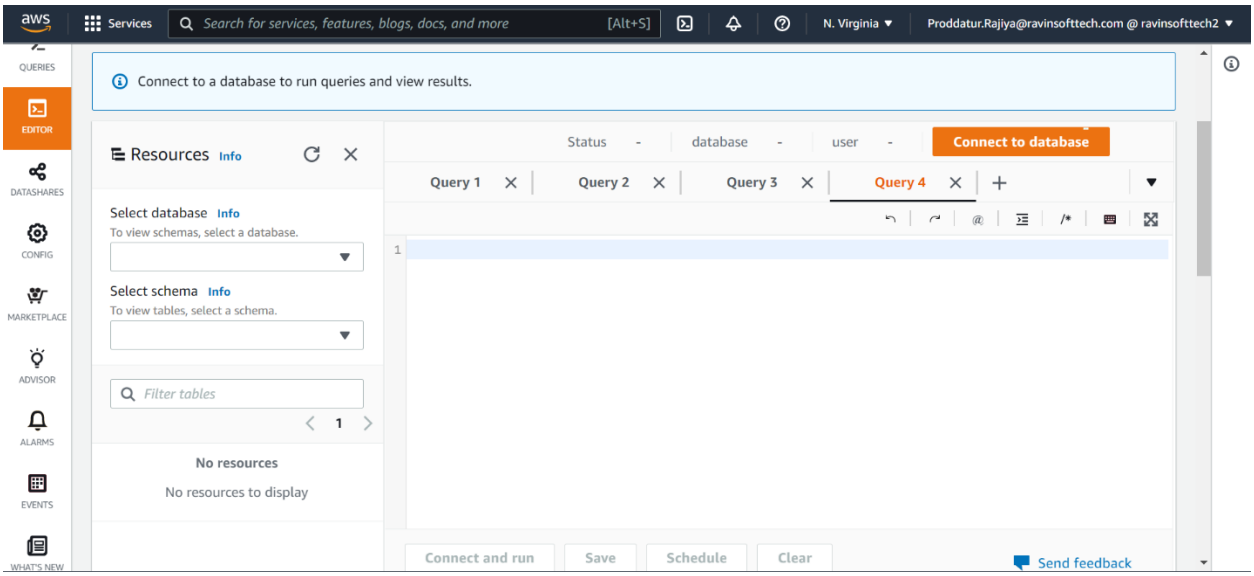
Opening the “iam console” and choosing the created “RedshiftS3ReadWriteAccess”



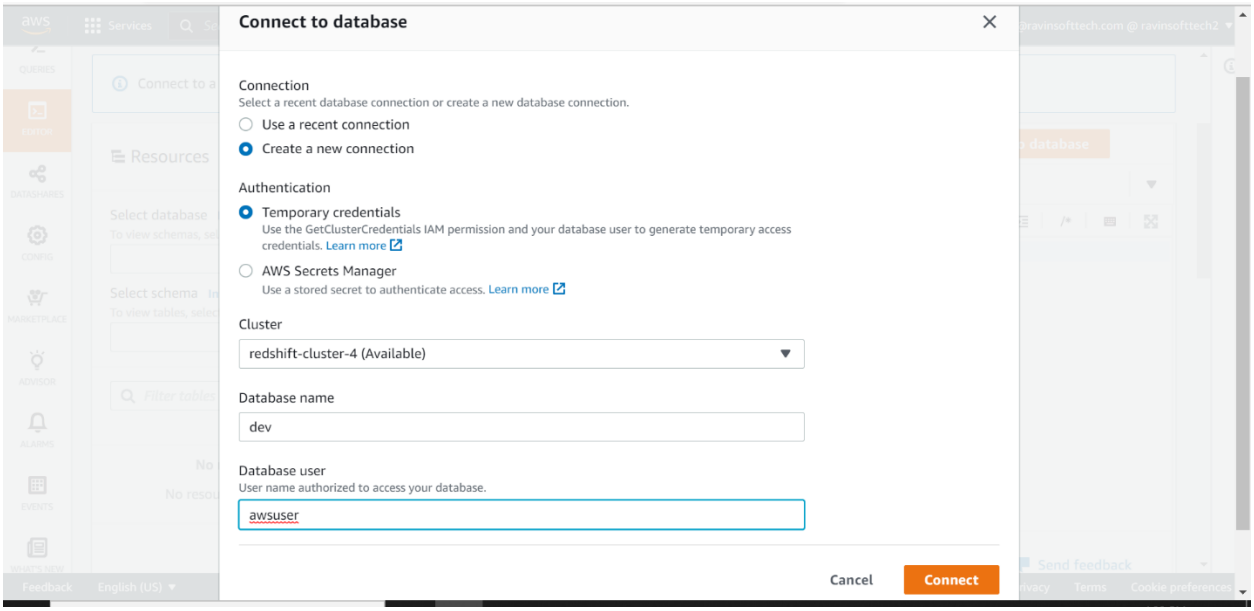
By clicking on it we get the following page aand copy the “Role ARN” for further use



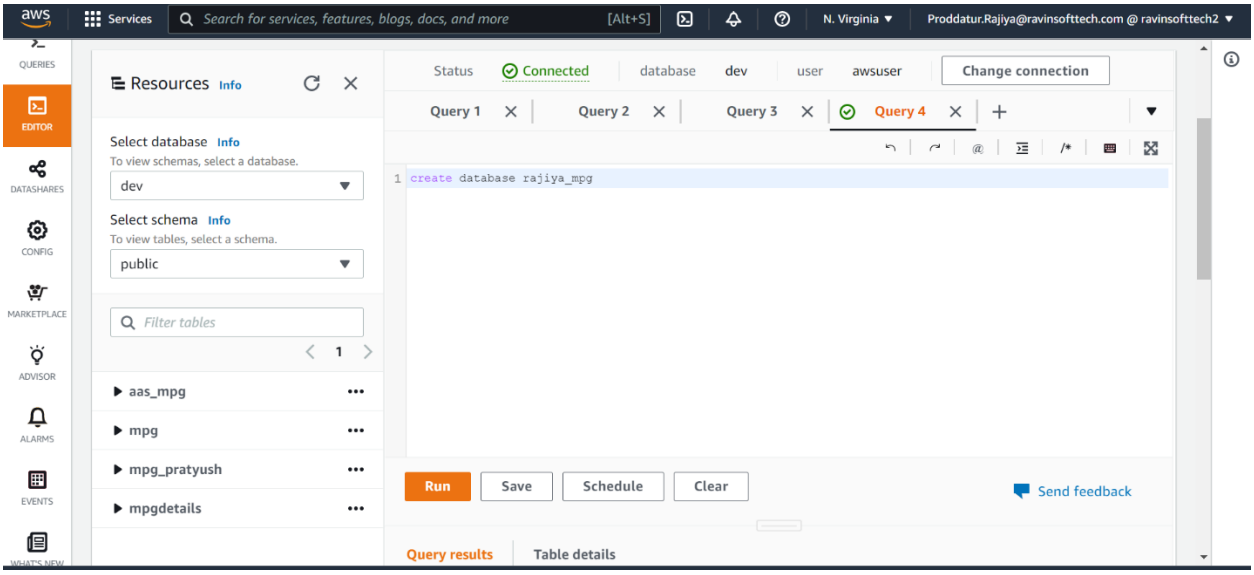
Now go the Amazon Redshift console in “Editors” open query



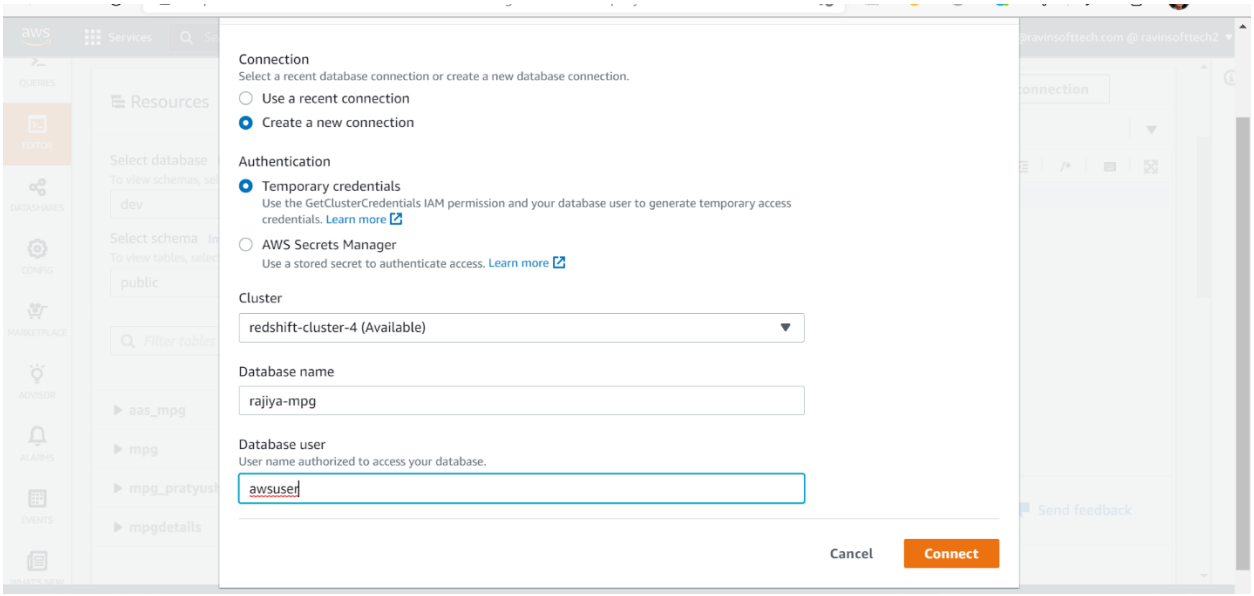
Connect to the database



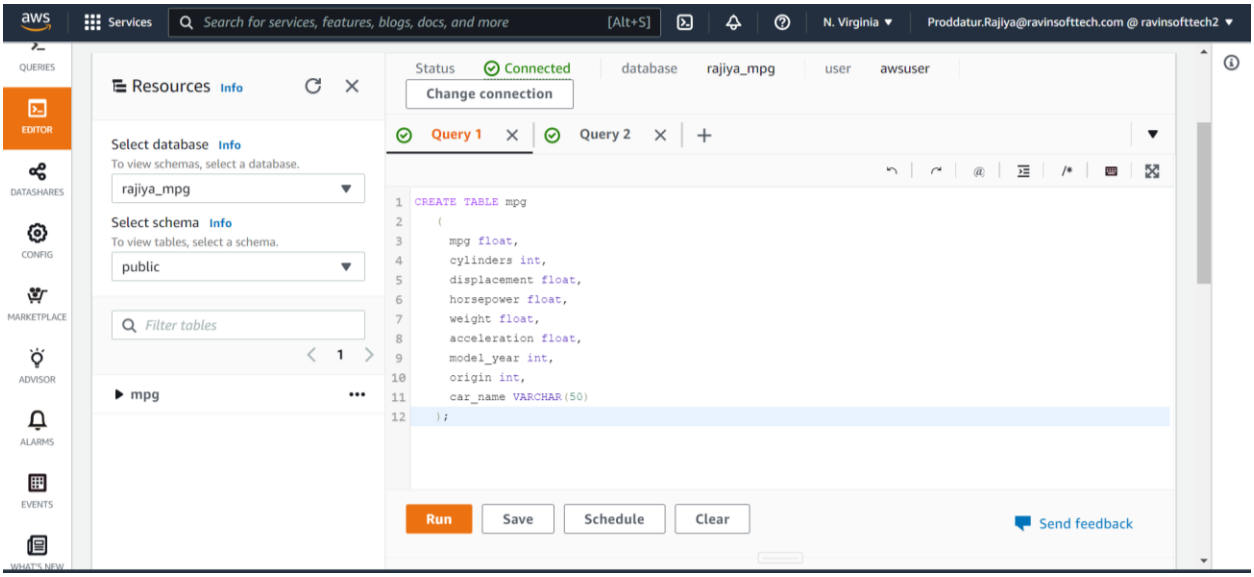
Creating my own database



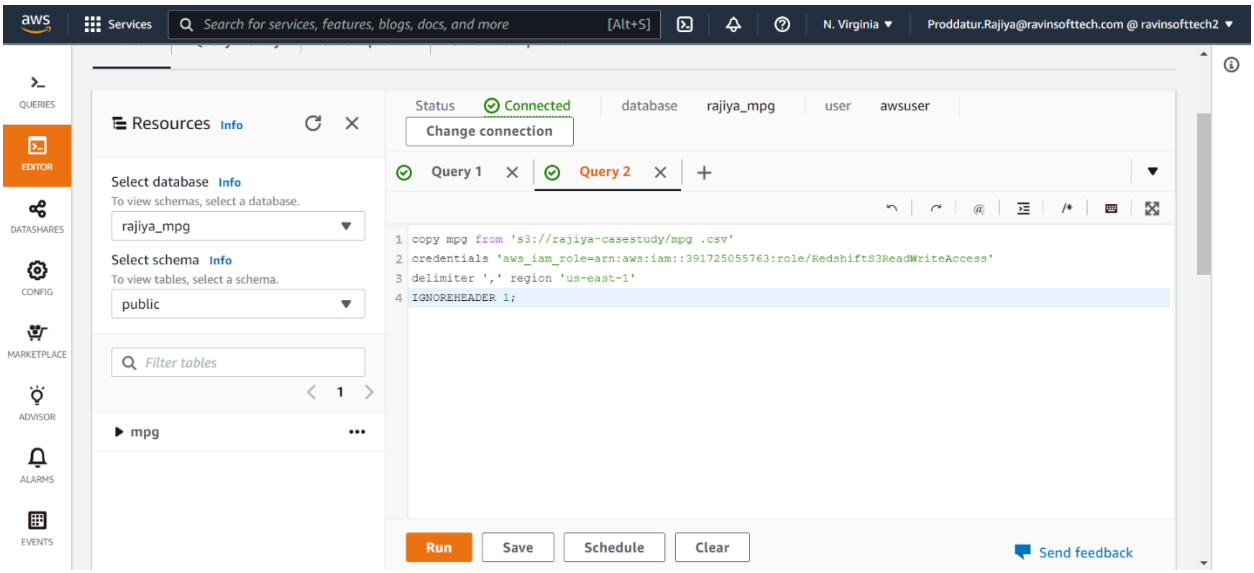
Connecting to my own database



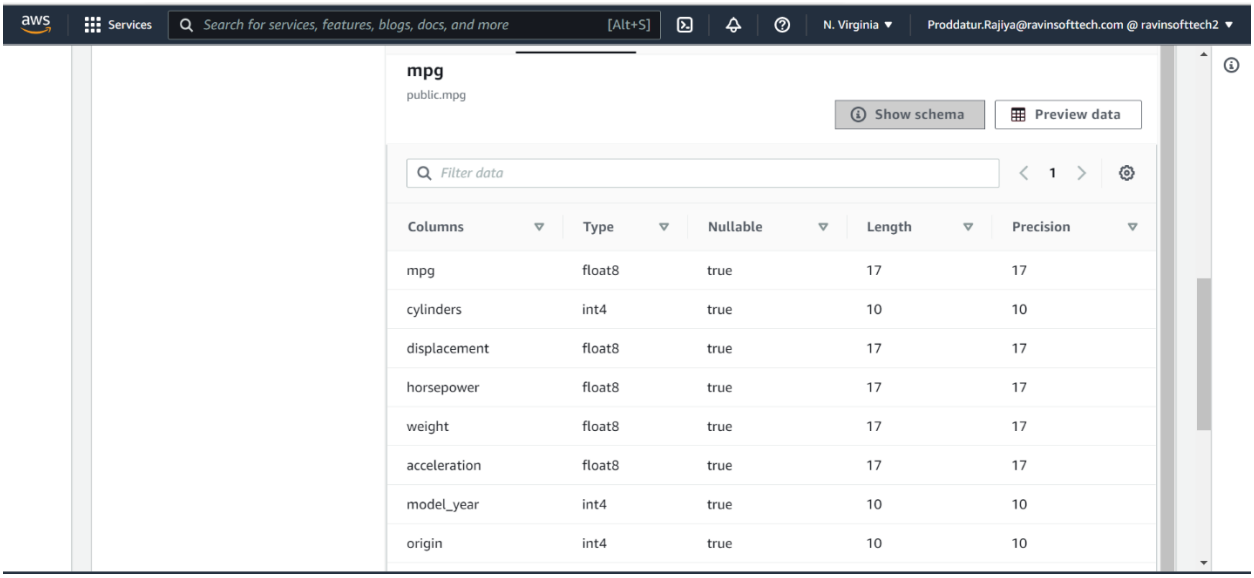
Creating the table in redshift editor



performing copy operation



Viewing the schema



Previewing the data