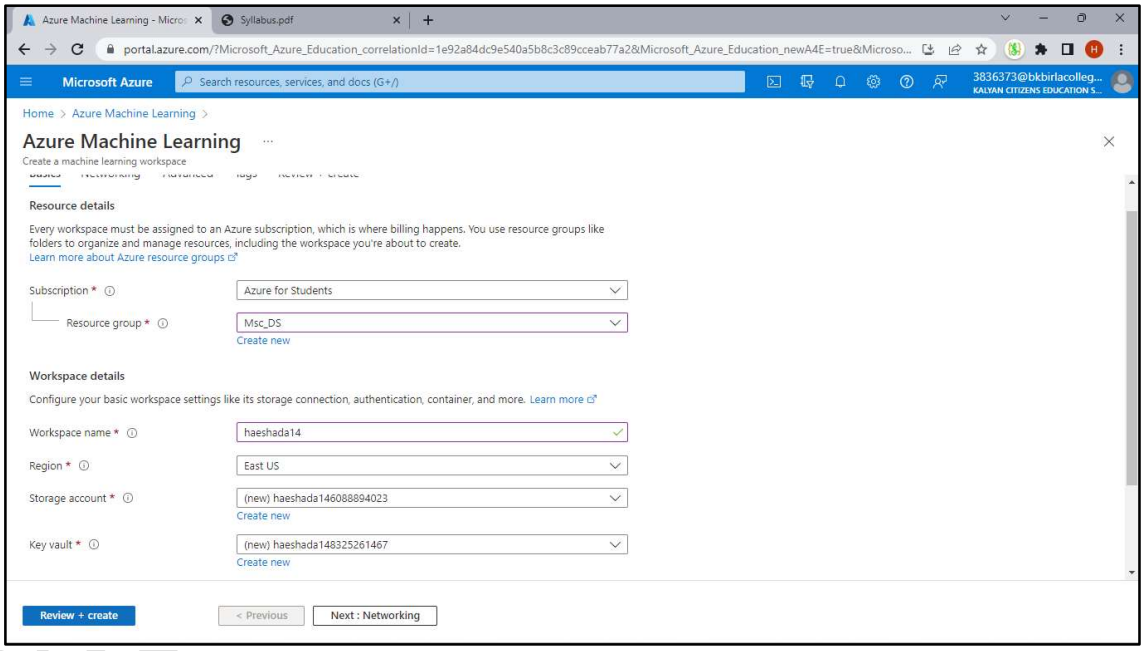
Data on cloud

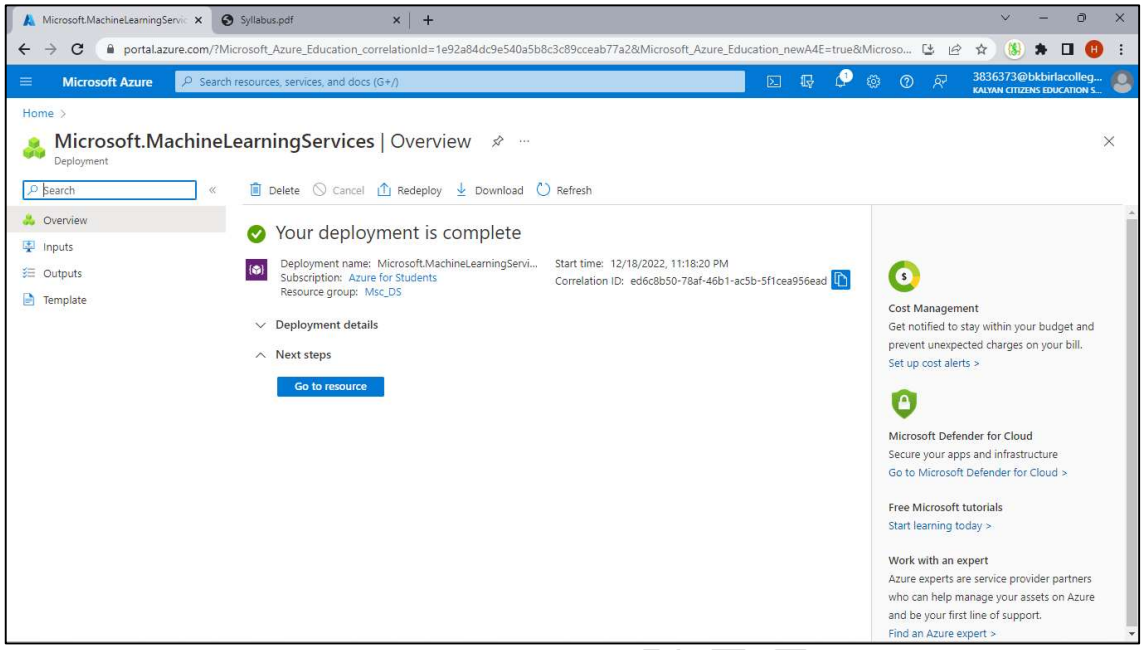
[Practical 6 & 7]

17 Dec 2022

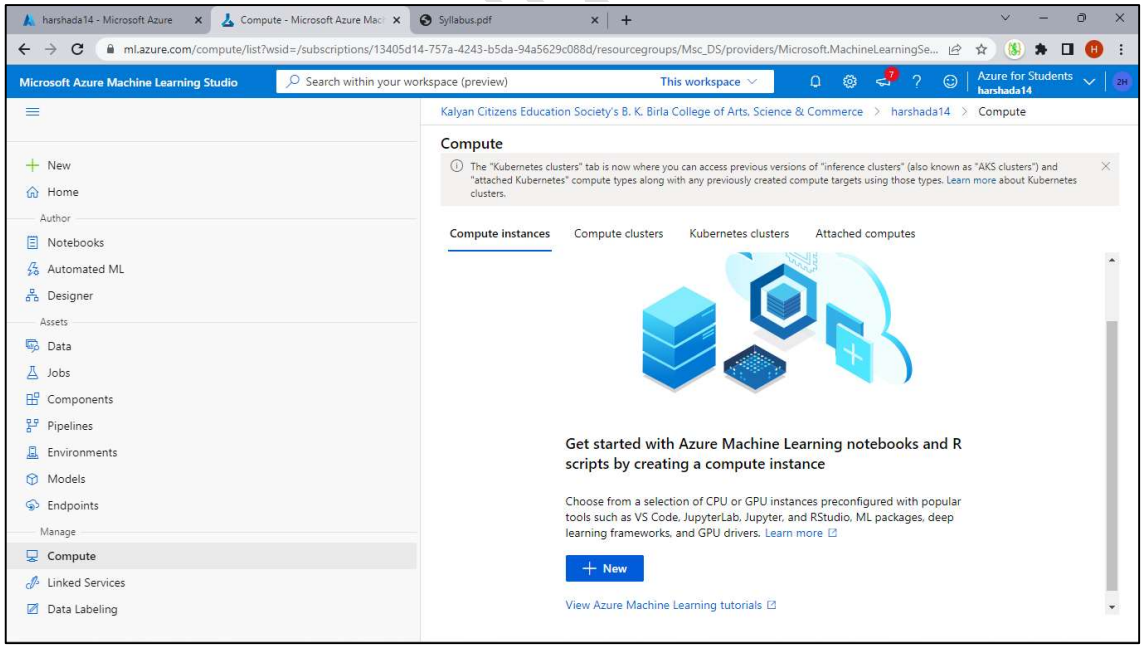
P.no.[6] Create linear Regression model using jupyter lab on Azure machine learning studio.

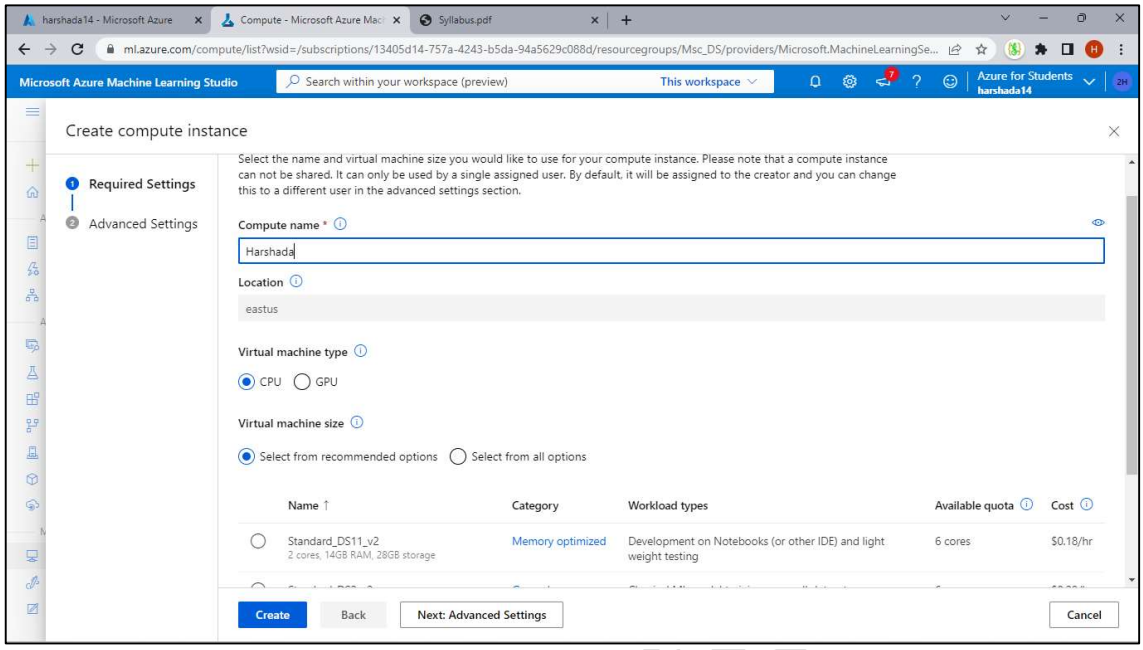
- Go to the Home page of Microsoft Azure > click on **Azure Machine Learning** > create New workspace > select the Resource group > type workspace name > Click on Create.



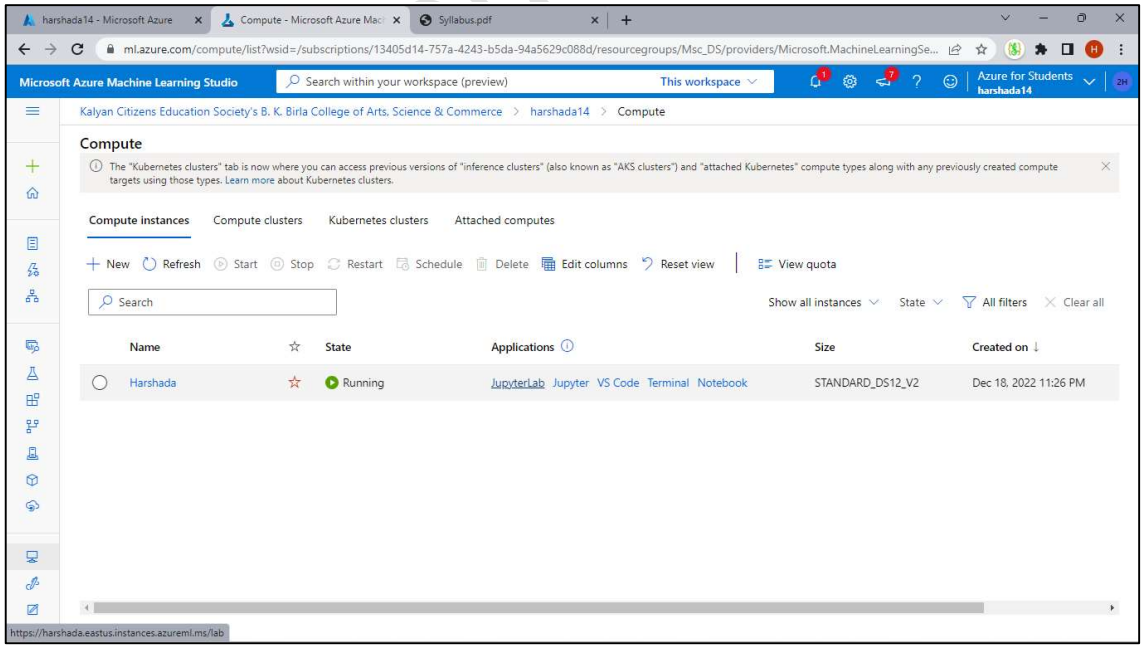


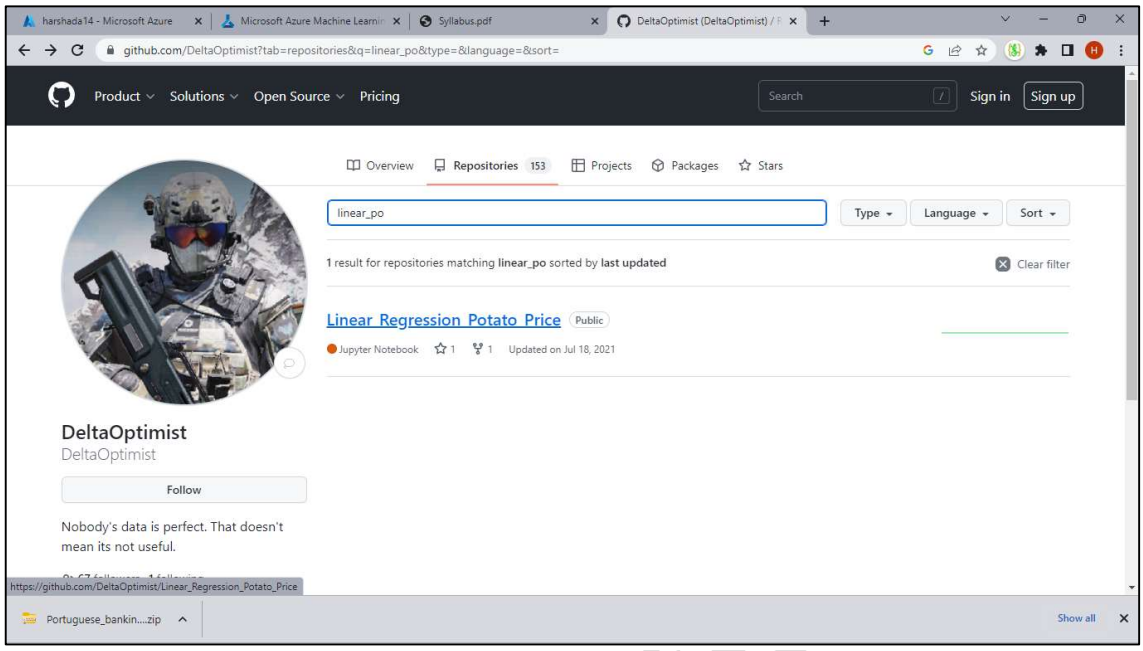
- Go to resource > compute > Create new compute instance > type compute name and keep all details as it is > create.

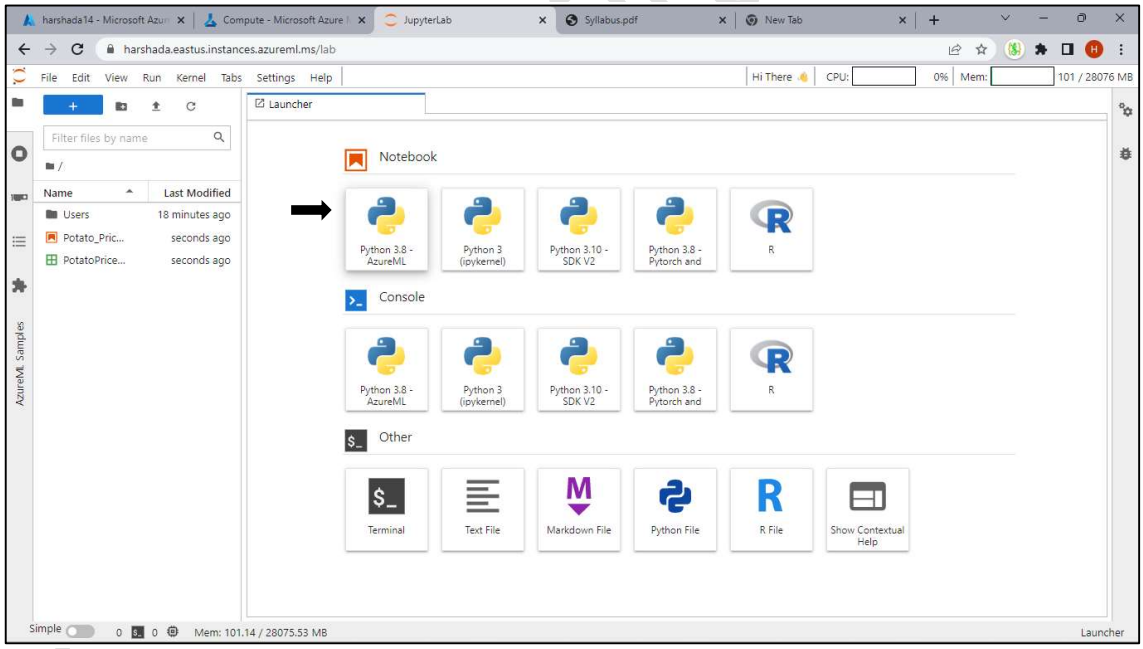




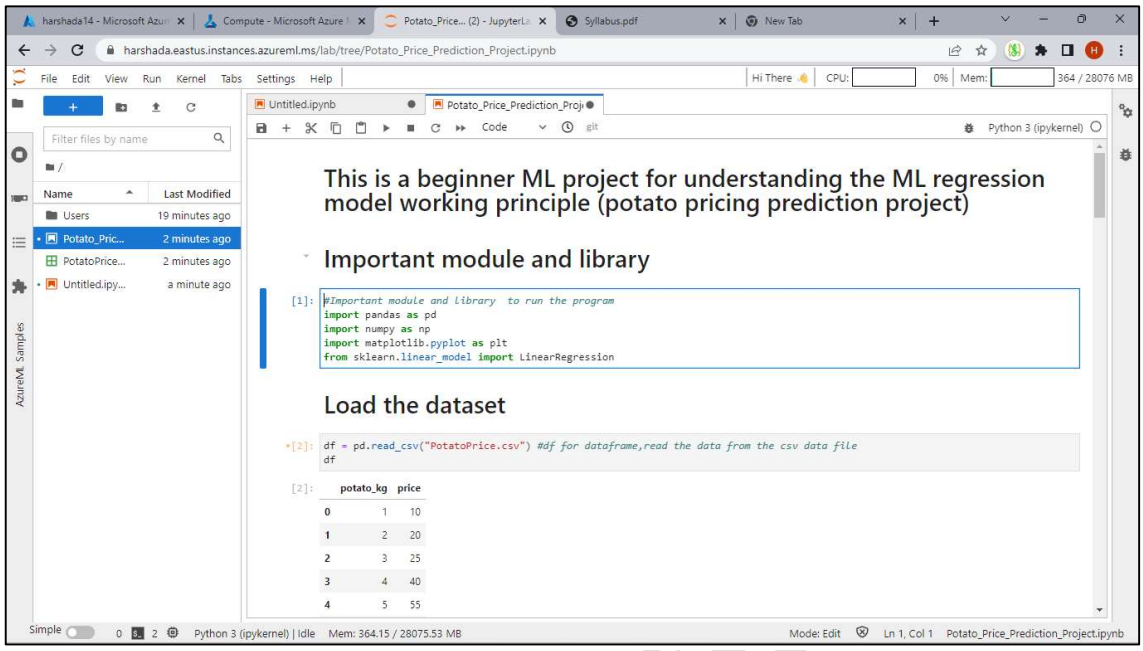
- Click on the JupyterLab Application > download the dataset[Linear_Regression_potato_price] from DeltaOptimist [*https://github.com/DeltaOptimist*] > upload the data.





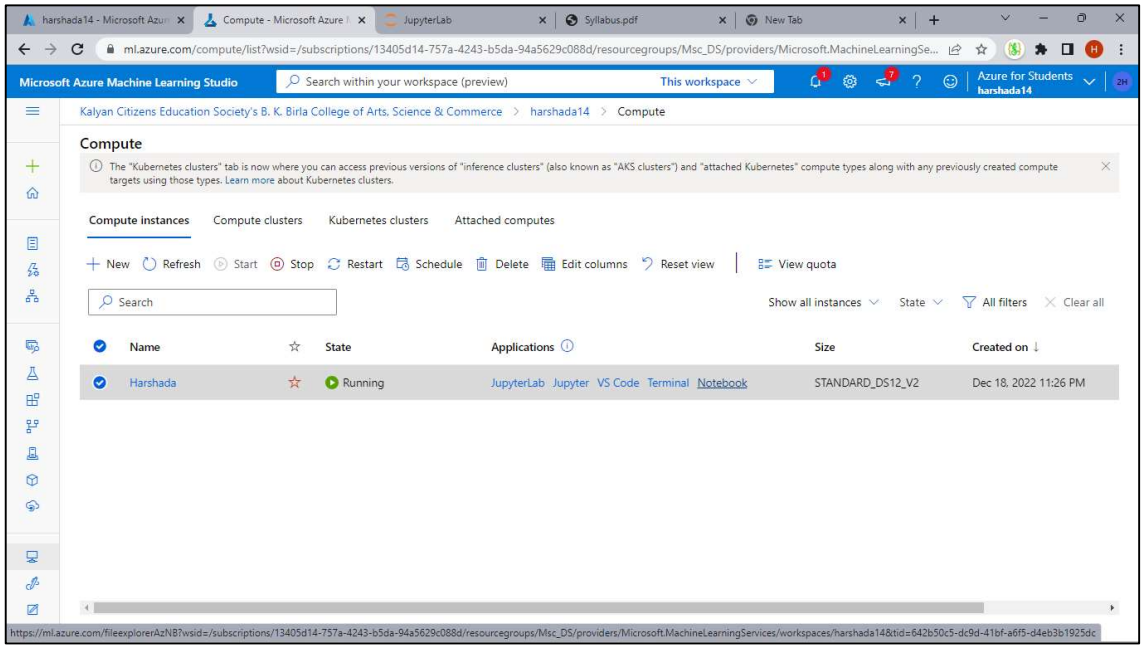


- Type code manually..

➢ 

P.no.[7] Create logistic Regression model using azure ml notebook on Azure machine learning studio.

➢ Go to back the compute instances > now select the Notebook Application > create the new folder > download the dataset [Portuguese_banking_digital_Logistic_Regression] from the same link which is given in previous > upload the file .


Microsoft Azure Machine Learning Studio
Search within your workspace (preview)
This workspace
Azure for Students
harshada14
Kalyan Citizens Education Society's B. K. Birla College of Arts, Science & Commerce > harshada14 > Compute
Compute
The "Kubernetes clusters" tab is now where you can access previous versions of "inference clusters" (also known as "AKS clusters") and "attached Kubernetes" compute types along with any previously created compute targets using those types. Learn more about Kubernetes clusters.
Compute instances
Compute clusters
Kubernetes clusters
Attached computes
New
Refresh
Start
Stop
Restart
Schedule
Delete
Edit columns
Reset view
View quota
Search
Show all instances
State
All filters
Clear all
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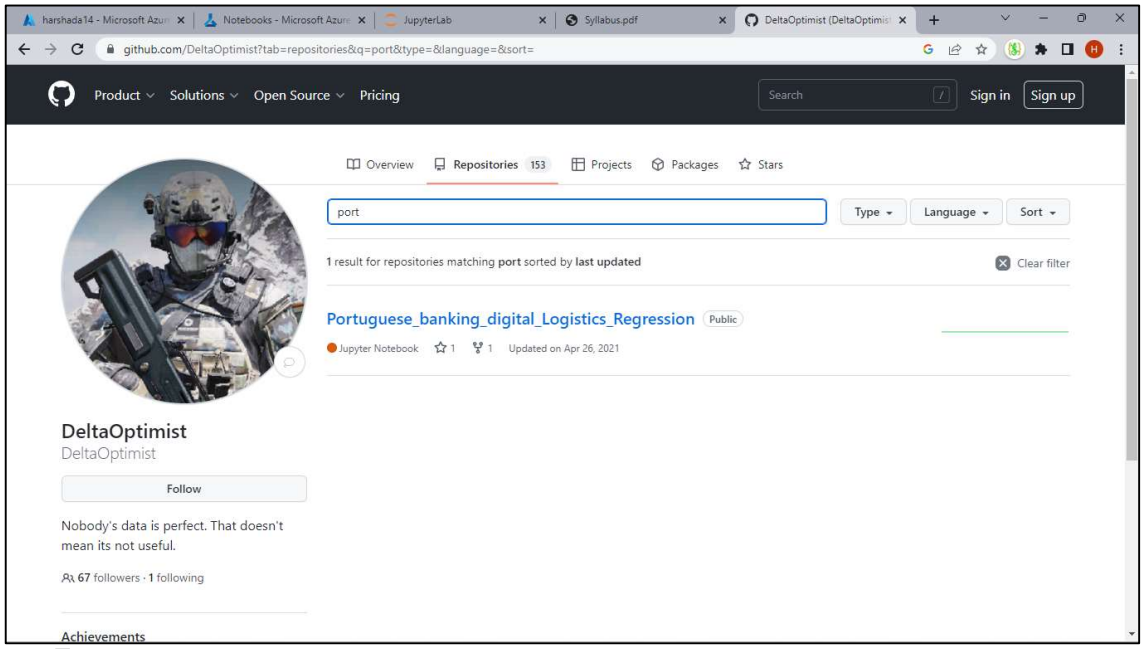
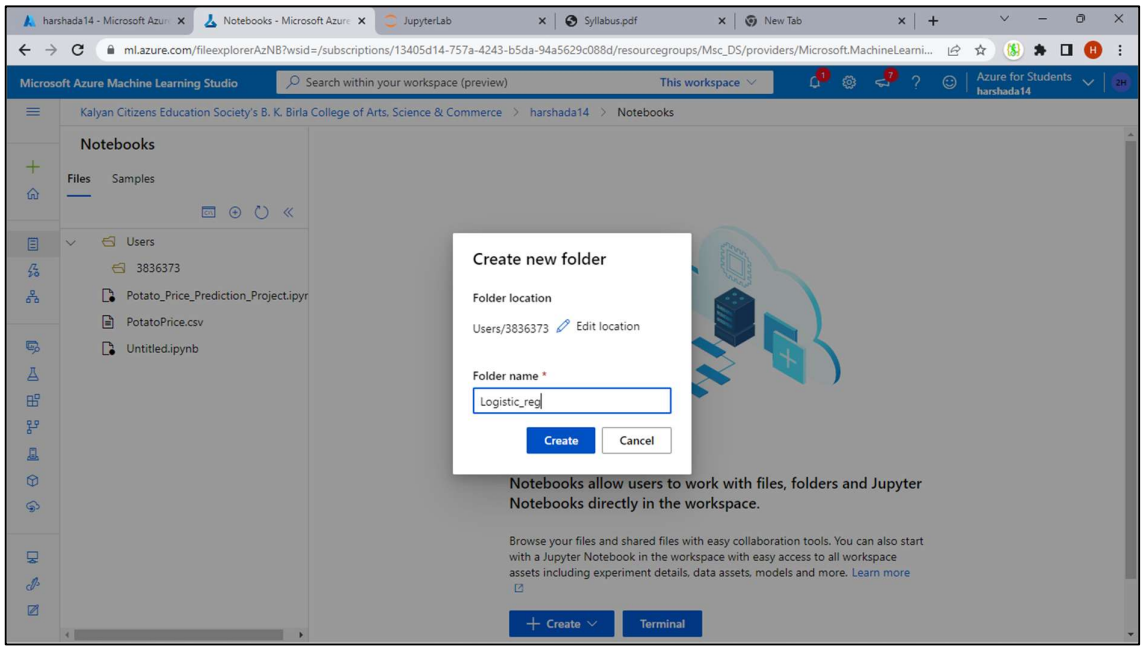

github.com/DeltaOptimist?tab=repositories&q=port&type=&language=&sort=
Product
Solutions
Open Source
Pricing
Search
Sign in
Sign up
Overview
Repositories 153
Projects
Packages
Stars
port
Type
Language
Sort
1 result for repositories matching port sorted by last updated
Clear filter
Portuguese_banking_digital_Logistics_Regression
Public
Jupyter Notebook
Updated on Apr 26, 2021
DeltaOptimist
DeltaOptimist
Follow
Nobody's data is perfect. That doesn't mean its not useful.
67 followers · 1 following
Achievements


Microsoft Azure Machine Learning Studio
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This workspace
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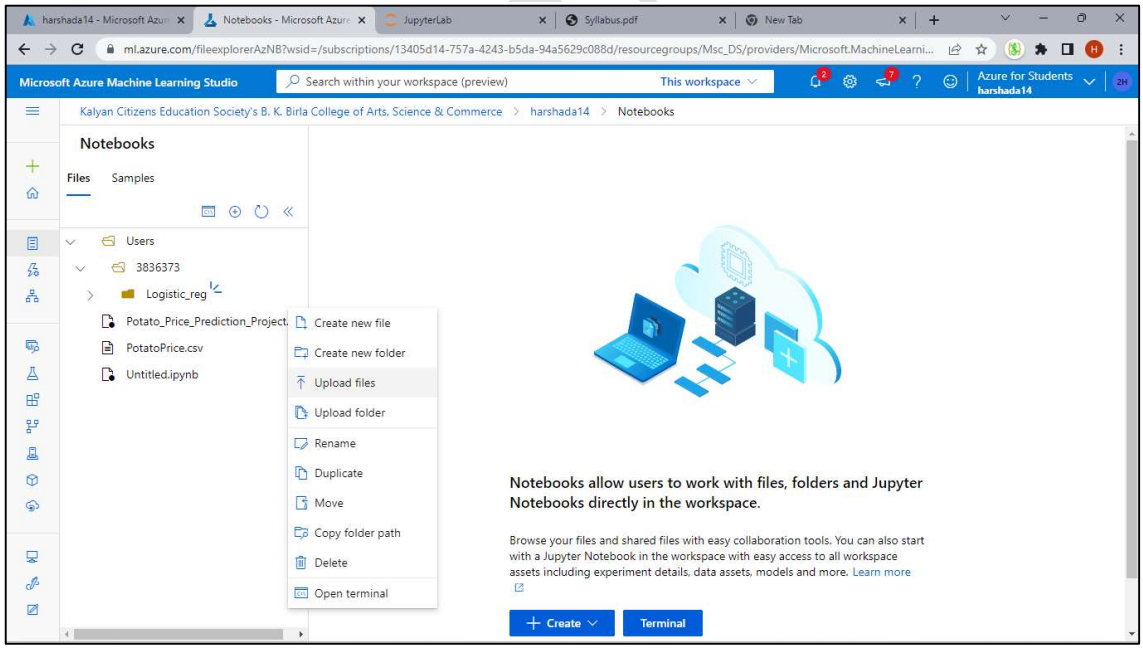
harshada14
Notebooks
Files
Samples
Users
3836373
Potato_Price_Prediction_Project.ipyr
PotatoPrice.csv
Untitled.ipynb
Create new folder
Folder location
Users/3836373
Edit location
Folder name *
Logistic_reg
Create
Cancel
Notebooks allow users to work with files, folders and Jupyter Notebooks directly in the workspace.
Browse your files and shared files with easy collaboration tools. You can also start with a Jupyter Notebook in the workspace with easy access to all workspace assets including experiment details, data assets, models and more. Learn more
Create
Terminal


Microsoft Azure Machine Learning Studio
Search within your workspace (preview)
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Kalyan Citizens Education Society's B. K. Birla College of Arts, Science & Commerce
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Notebooks
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PotatoPrice.csv
Untitled.ipynb
Create new file
Create new folder
Upload files
Upload folder
Rename
Duplicate
Move
Copy folder path
Delete
Open terminal
Notebooks allow users to work with files, folders and Jupyter Notebooks directly in the workspace.
Browse your files and shared files with easy collaboration tools. You can also start with a Jupyter Notebook in the workspace with easy access to all workspace assets including experiment details, data assets, models and more. Learn more
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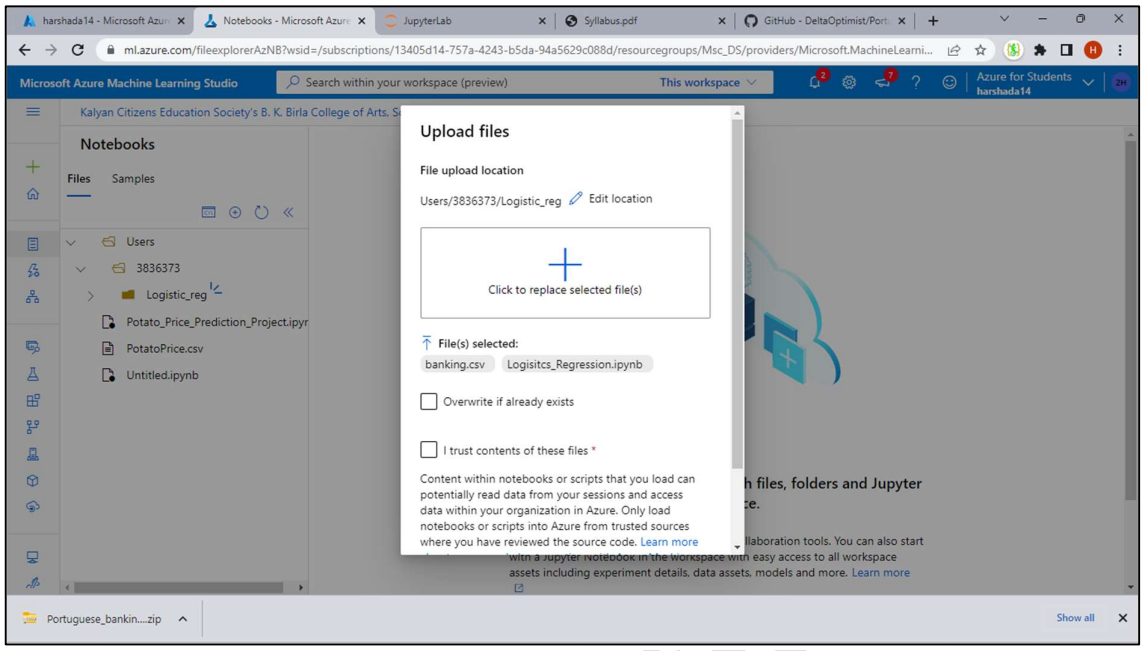
Microsoft Azure Machine Learning Studio
Search within your workspace (preview)
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Notebooks
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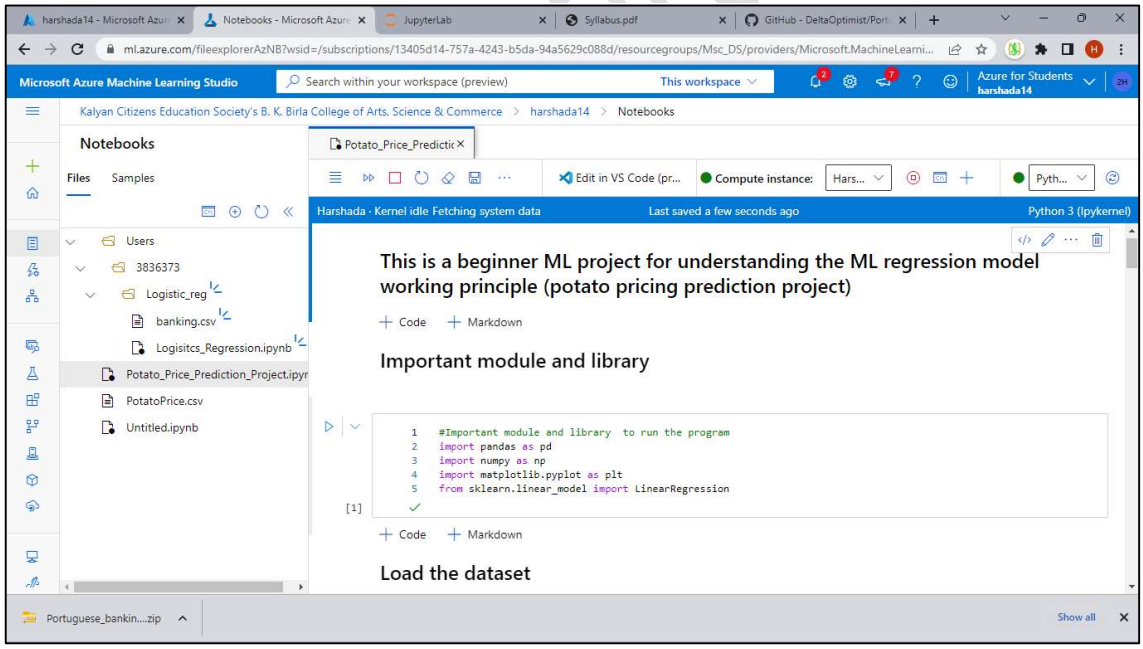
Untitled.ipynb
Upload files
File upload location
Users/3836373/Logistic_reg
Edit location
Click to replace selected file(s)
File(s) selected:
banking.csv
Logisitcs_Regression.ipynb
Overwrite if already exists
I trust contents of these files *
Content within notebooks or scripts that you load can potentially read data from your sessions and access data within your organization in Azure. Only load notebooks or scripts into Azure from trusted sources where you have reviewed the source code. Learn more
Portuguese_bankin....zip
Show all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Notebooks
Files
Samples
Users
3836373
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Logisitcs_Regression.ipynb
Potato_Price_Prediction_Project.ipyr
PotatoPrice.csv
Untitled.ipynb
Edit in VS Code (pr...
Compute instance:
Harshada · Kernel idle Fetching system data
Last saved a few seconds ago
Python 3 (Ipykernel)
This is a beginner ML project for understanding the ML regression model working principle (potato pricing prediction project)
Code
Markdown
Important module and library
#Important module and library to run the program
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
from sklearn.linear_model import LinearRegression
[1]
Code
Markdown
Load the dataset
Portuguese_bankin....zip
Show all