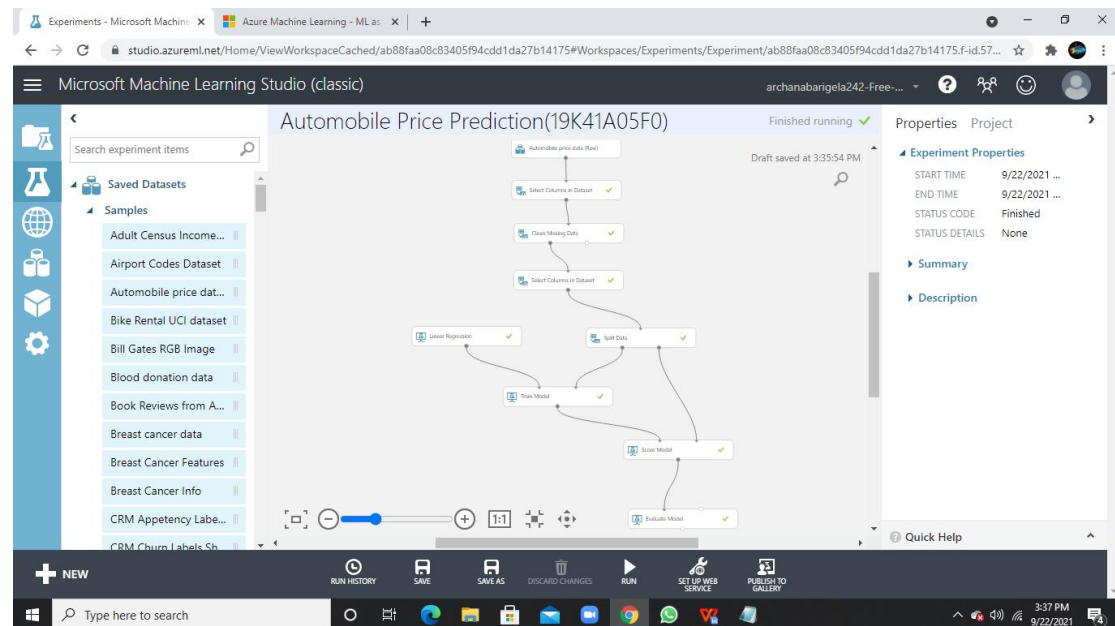


AI ASSIGNMENT

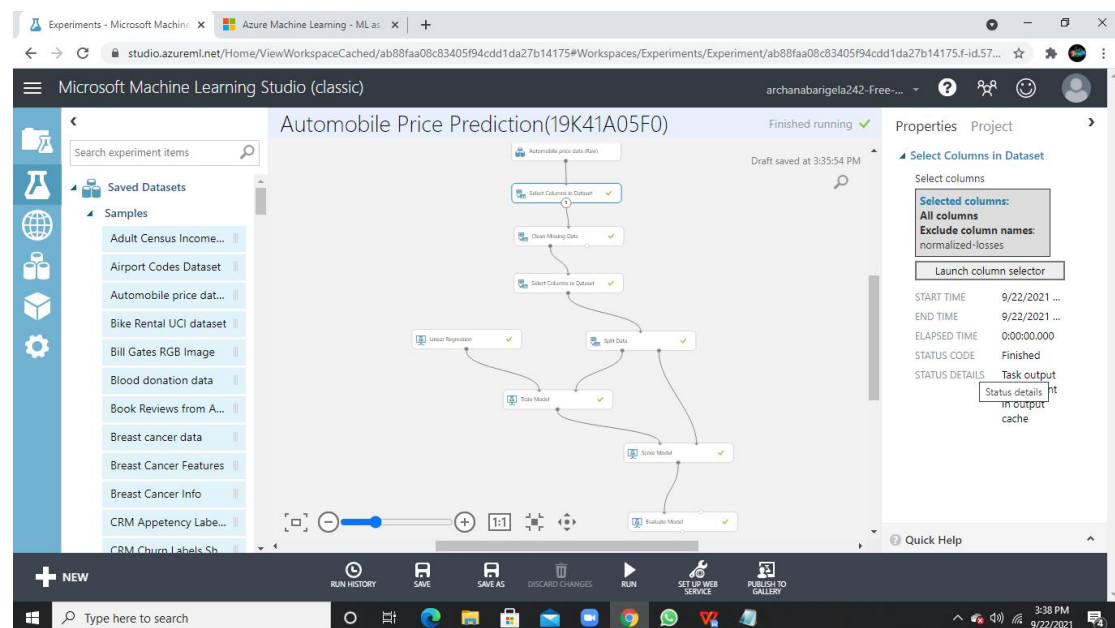
19K41A05F0

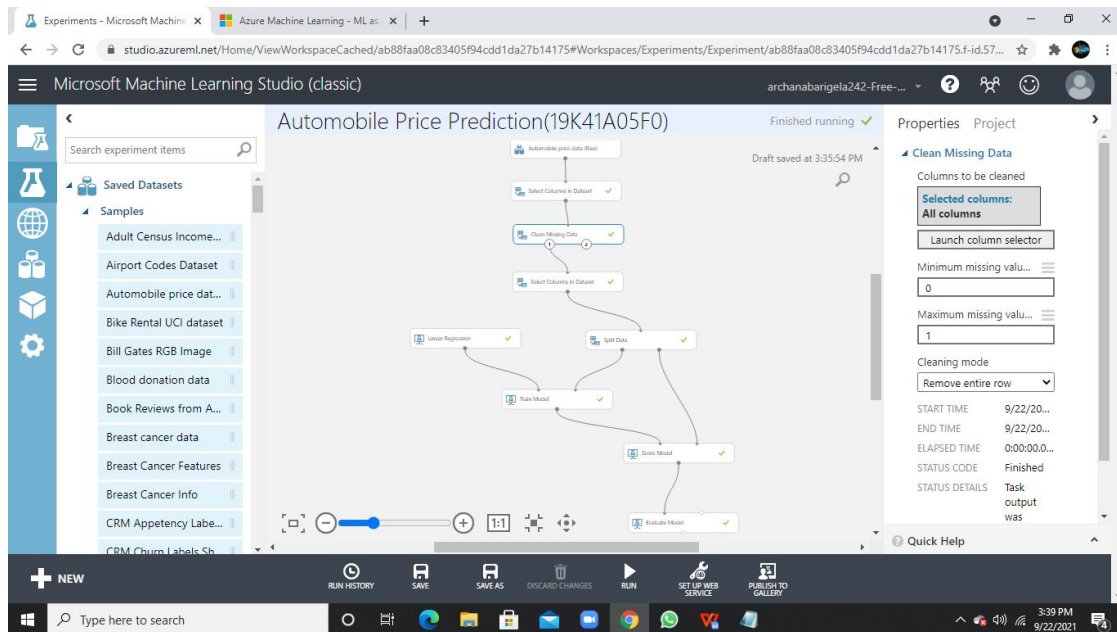
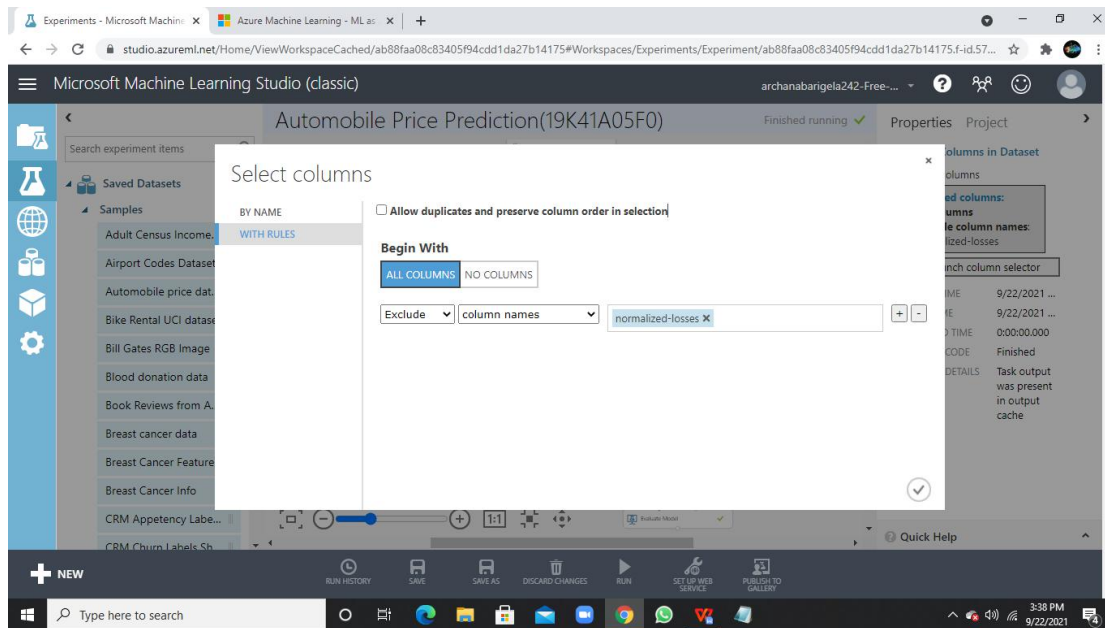
Machine Learning Project Workflow :

Workflow:



Explore Data :





Experiments - Microsoft Machine Learning Studio (classic)

Automobile Price Prediction(19K41A05F0)

Finished running ✓ Draft saved at 3:35:54 PM

Properties Project

Select Columns in Dataset

Select columns

Selected columns:
All columns
Column names: price

Launch column selector

START TIME 9/22/2021 ...
END TIME 9/22/2021 ...
ELAPSED TIME 0:00:00.000
STATUS CODE Finished
STATUS DETAILS Task output was present in output cache

Quick Help

NEW RUN HISTORY SAVE SAVE AS DISCARD CHANGES RUN SETUP WEB SERVICE PUBLISH TO GALLERY

Type here to search

3:39 PM 9/22/2021

Experiments - Microsoft Machine Learning Studio (classic)

Automobile Price Prediction(19K41A05F0)

Finished running ✓

Select columns

BY NAME WITH RULES

☐ Allow duplicates and preserve column order in selection

Begin With

ALL COLUMNS NO COLUMNS

Include column names price X

Columns in Dataset

Selected columns: All columns
Column names: price

Launch column selector

START TIME 9/22/2021 ...
END TIME 9/22/2021 ...
ELAPSED TIME 0:00:00.000
STATUS CODE Finished
STATUS DETAILS Task output was present in output cache

Quick Help

NEW RUN HISTORY SAVE SAVE AS DISCARD CHANGES RUN SETUP WEB SERVICE PUBLISH TO GALLERY

Type here to search

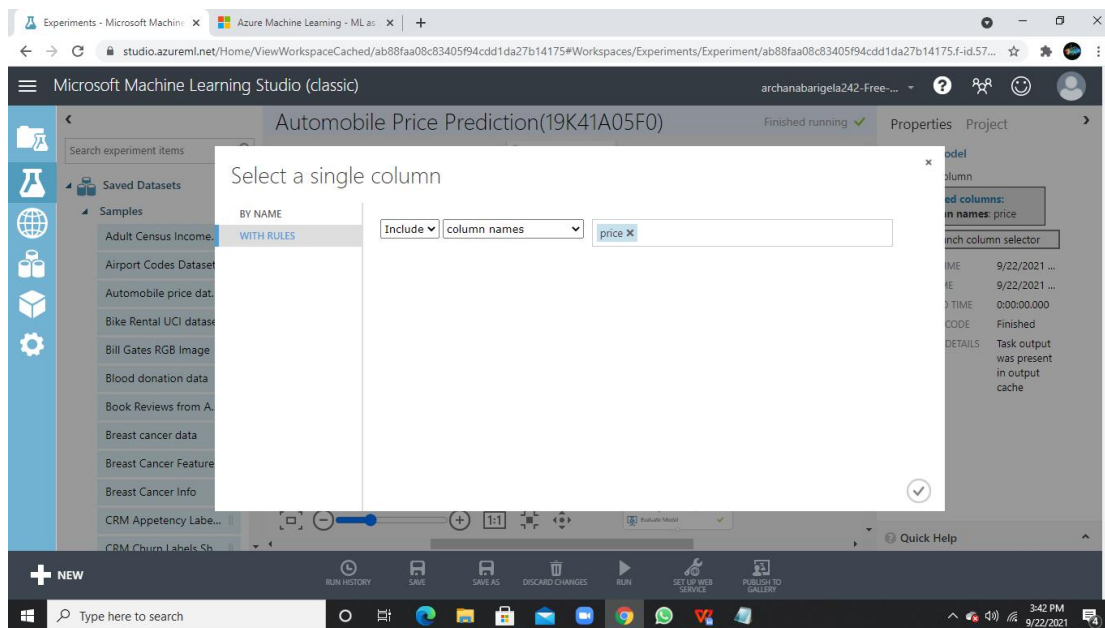
3:40 PM 9/22/2021

Split Data:

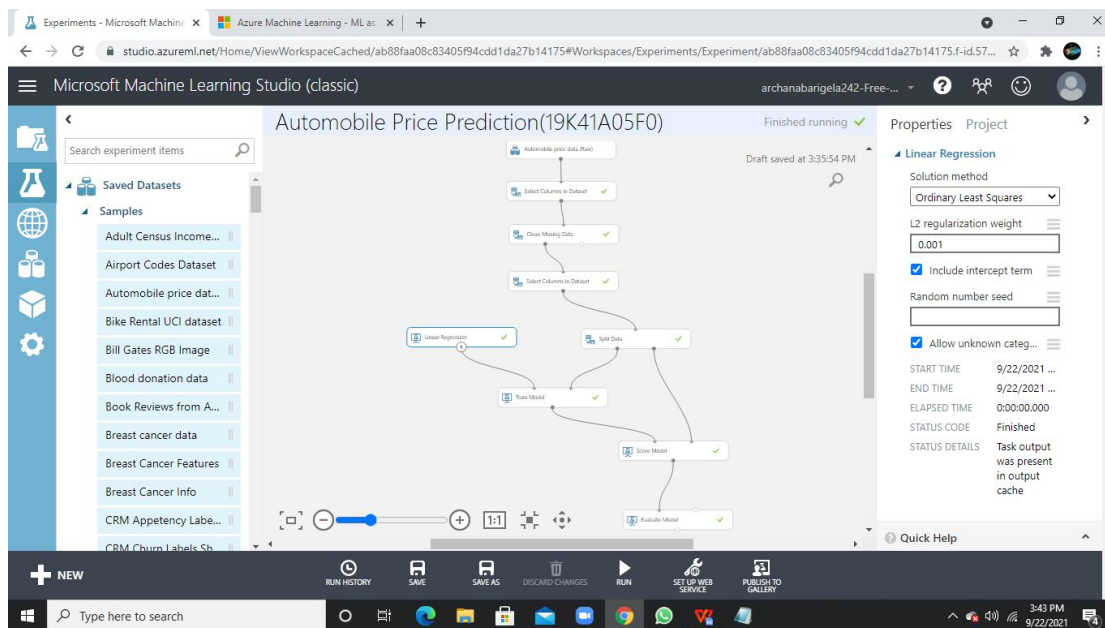
The screenshot displays the Microsoft Machine Learning Studio interface for an experiment titled "Automobile Price Prediction(19K41A05F0)". The left sidebar shows a list of "Saved Datasets" including "Automobile price dat...". The main workspace contains a workflow diagram with tasks: "Automobile price data (Raw)", "Select Columns in Dataset", "Clean Missing Data", "Select Columns in Dataset", "Linear Regression", "Split Data", "Train Model", "Score Model", and "Evaluate Model". The "Split Data" task is selected, and its properties are shown on the right. The "Splitting mode" is set to "Split Rows", the "Fraction of rows in the ..." is "0.70", and "Randomized split" is checked. The "Random seed" is "0". The "Stratified split" is set to "False". The "Properties" pane also shows the "START TIME", "END TIME", "ELAPSED TIME", "STATUS CODE", and "STATUS DETAILS".

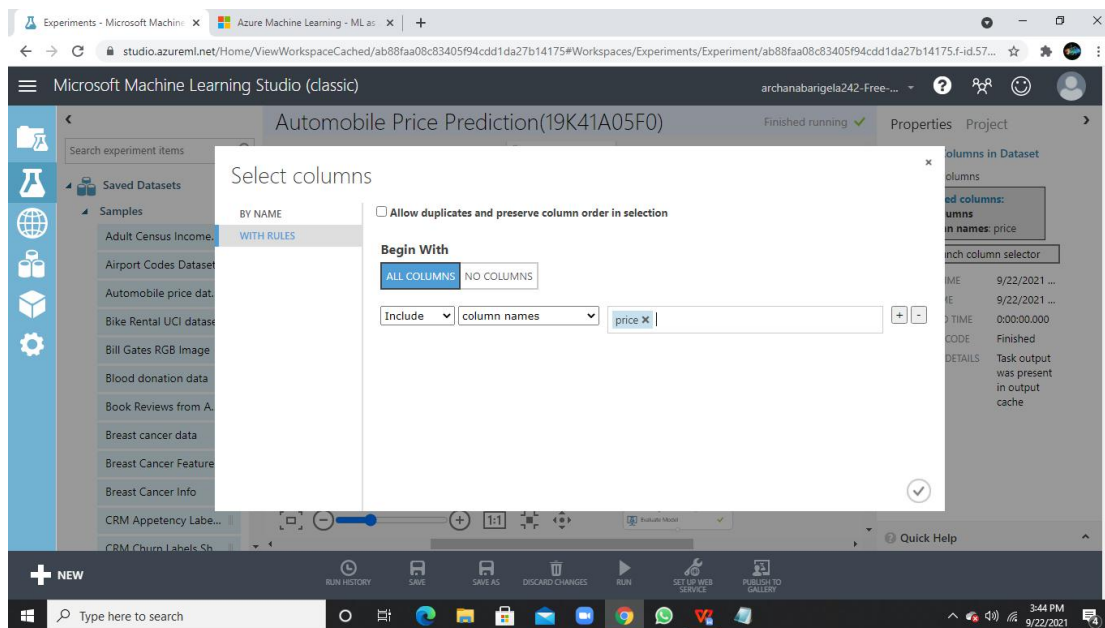
Model Training And Algorithm :

The screenshot displays the Microsoft Machine Learning Studio interface for the same experiment. The workflow diagram is identical to the previous screenshot. The "Train Model" task is now selected, and its properties are shown on the right. The "Label column" is set to "price". The "Selected columns:" are "Column names: price". The "Launch column selector" button is visible. The "Properties" pane also shows the "START TIME", "END TIME", "ELAPSED TIME", "STATUS CODE", and "STATUS DETAILS".

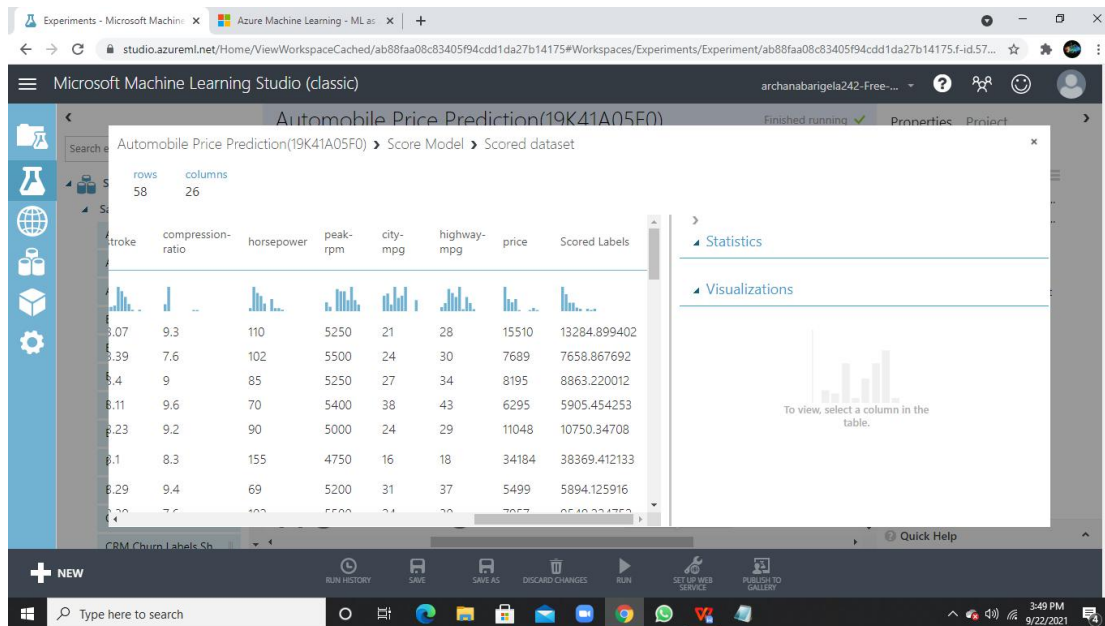


Using Linear Regression To Train The Model :





Score Model and Evaluation Model :



Evaluation Results :

