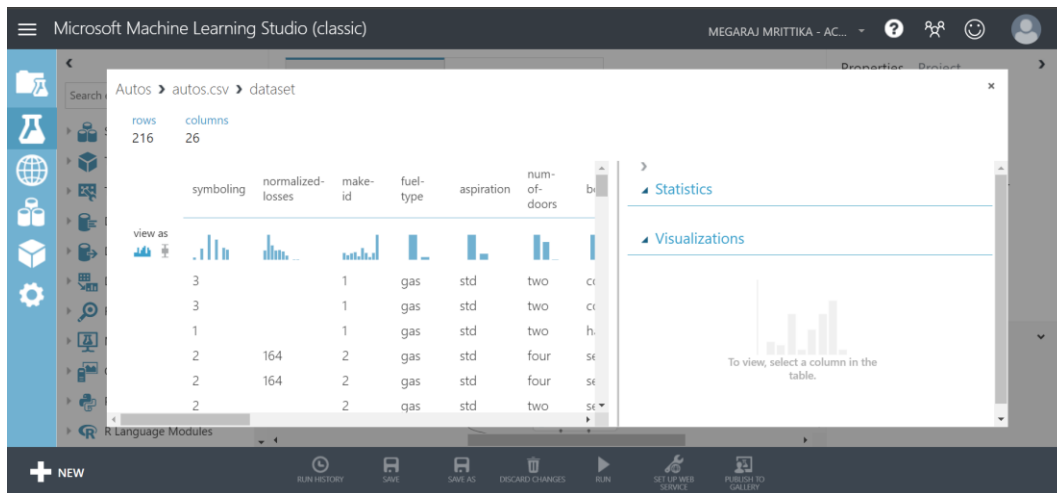
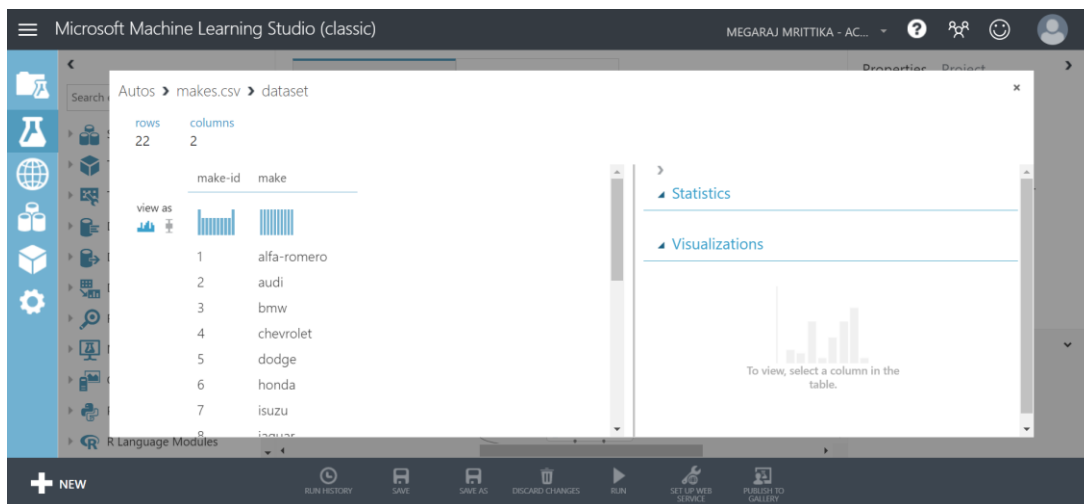


Autos Dataset Prediction

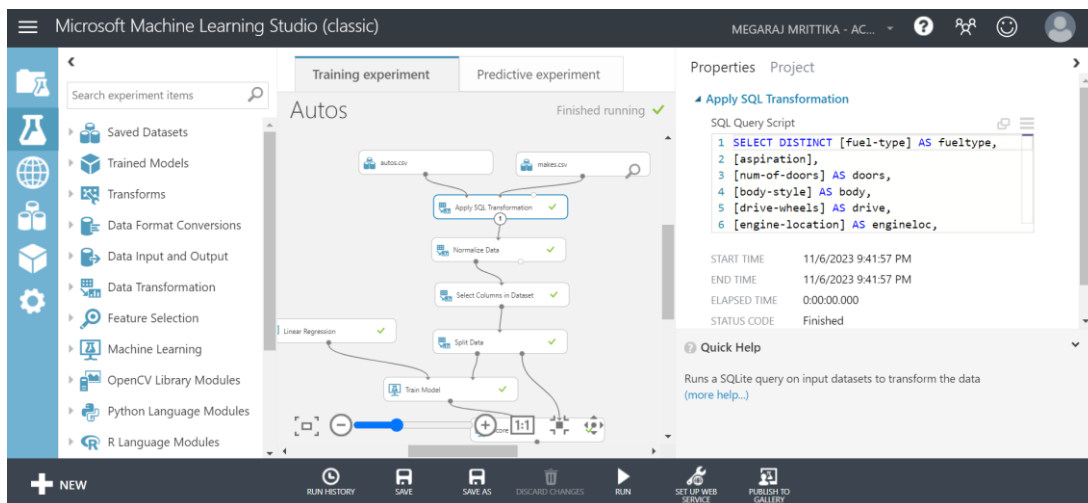
Overview of Autos Dataset

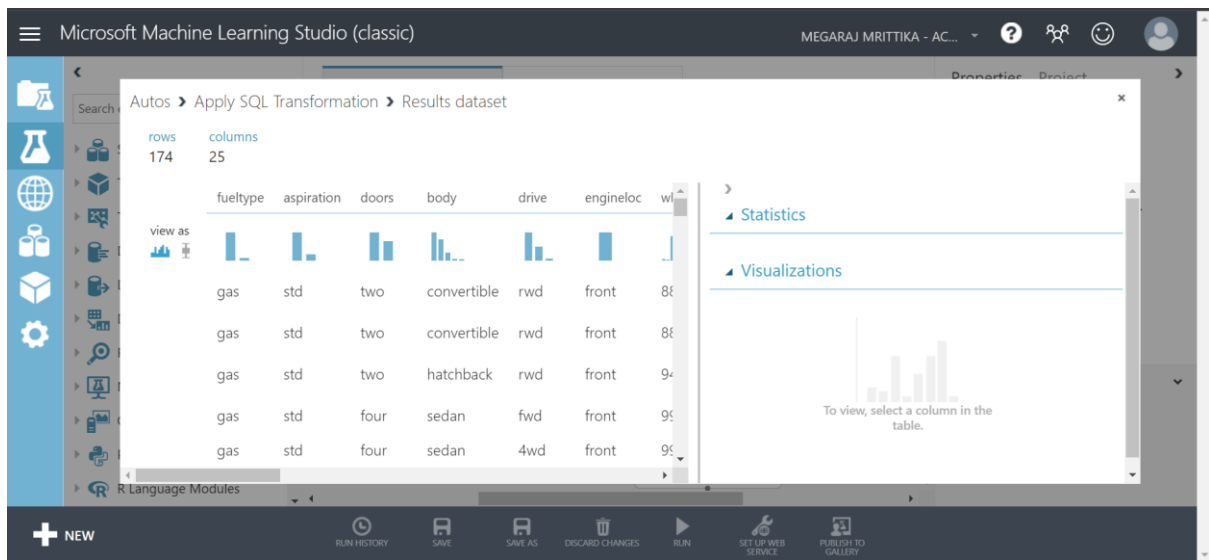


Overview of Makes Dataset

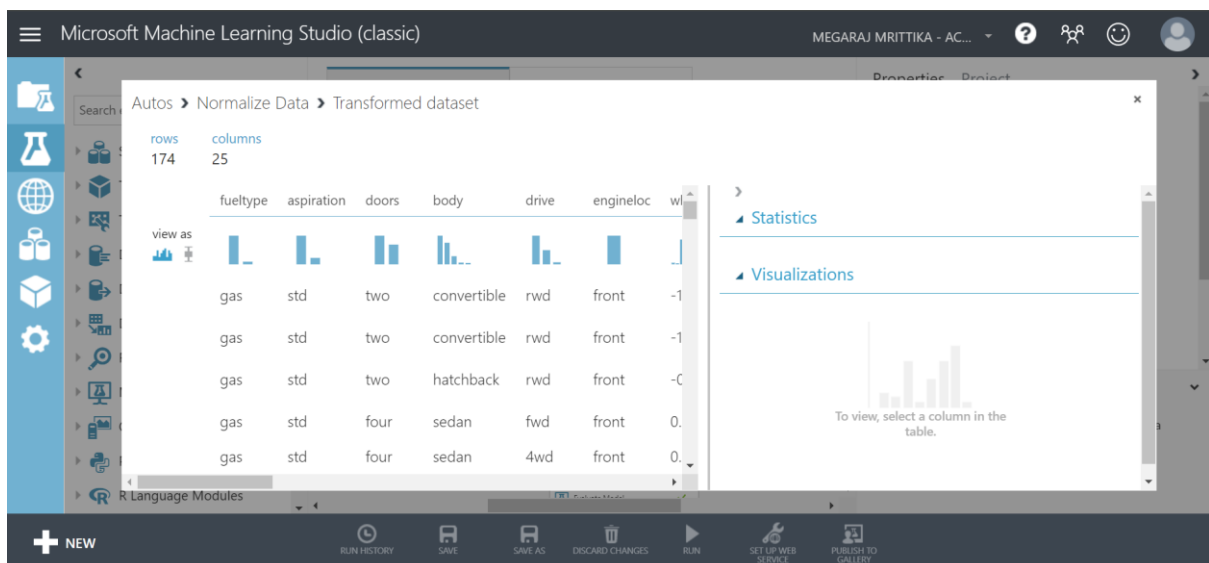
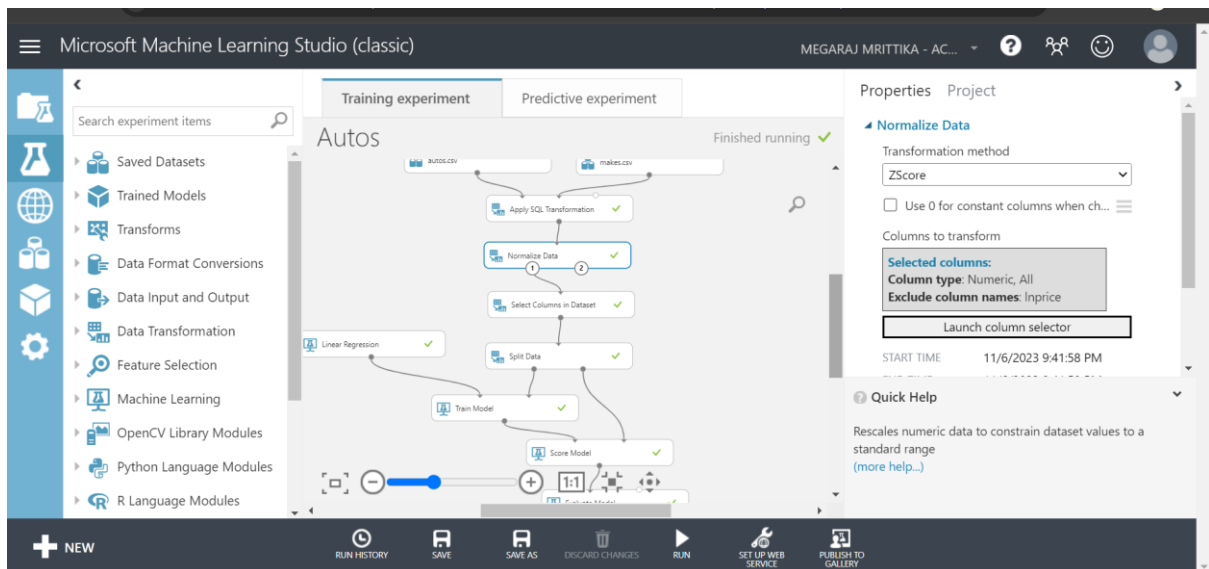


Apply SQL Transformation





Normalize Dataset



Select Column in Dataset

The screenshot shows the Microsoft Machine Learning Studio (classic) interface. The main workspace displays a workflow titled 'Autos' with the following steps: 'autos.csv', 'Apply SQL Transformation', 'Normalize Data', 'Select Columns in Dataset' (highlighted), 'Split Data', 'Train Model', and 'Score Model'. The 'Select Columns in Dataset' step is currently selected, and its properties are shown on the right. The 'Selected columns' list includes: fueltype, aspiration, weight, enginetype, cylinders, engineize. The 'Launch column selector' button is visible. The 'Properties' pane on the right also shows the 'START TIME', 'END TIME', 'ELAPSED TIME', and 'STATUS CODE'.

Microsoft Machine Learning Studio (classic)

MEGARAJ MRITTIKA - AC...

Training experiment Predictive experiment

Autos Finished running

Select Columns in Dataset

Select columns

Selected columns:

Column names:

fueltype, aspiration, weight, enginetype, cylinders, engineize

Launch column selector

START TIME 11/6/2023 9:41:58 PM

END TIME 11/6/2023 9:41:58 PM

ELAPSED TIME 0:00:00.000

STATUS CODE Finished

Quick Help

Selects columns to include or exclude from a dataset in an operation. Formerly known as Project Columns. (more help...)

The screenshot shows the 'Results dataset' for the 'Select Columns in Dataset' step. The dataset is displayed as a table with 174 rows and 24 columns. The columns are: fueltype, aspiration, doors, body, drive, engine loc, and weight. The data is shown in a grid format. The 'Statistics' and 'Visualizations' panes are also visible on the right.

Microsoft Machine Learning Studio (classic)

MEGARAJ MRITTIKA - AC...

Autos > Select Columns in Dataset > Results dataset

rows 174 columns 24

fueltype	aspiration	doors	body	drive	engine loc	weight
gas	std	two	convertible	rwd	front	-1
gas	std	two	convertible	rwd	front	-1
gas	std	two	hatchback	rwd	front	-0
gas	std	four	sedan	fwd	front	0
gas	std	four	sedan	4wd	front	0

Statistics

Visualizations

To view, select a column in the table.

Split Data

The screenshot shows the Microsoft Machine Learning Studio (classic) interface. The main workspace displays a workflow titled 'Autos' with the following steps: 'autos.csv', 'Apply SQL Transformation', 'Normalize Data', 'Select Columns in Dataset', 'Split Data' (highlighted), 'Train Model', and 'Score Model'. The 'Split Data' step is currently selected, and its properties are shown on the right. The 'Splitting mode' is set to 'Split Rows', the 'Fraction of rows in the first output dataset' is 0.7, and 'Randomized split' is checked. The 'Random seed' is 123. The 'Stratified split' is set to 'False'. The 'Properties' pane on the right also shows the 'Quick Help' text.

Microsoft Machine Learning Studio (classic)

MEGARAJ MRITTIKA - AC...

Training experiment Predictive experiment

Autos Finished running

Split Data

Splitting mode

Split Rows

Fraction of rows in the first output dataset

0.7

Randomized split

Random seed

123

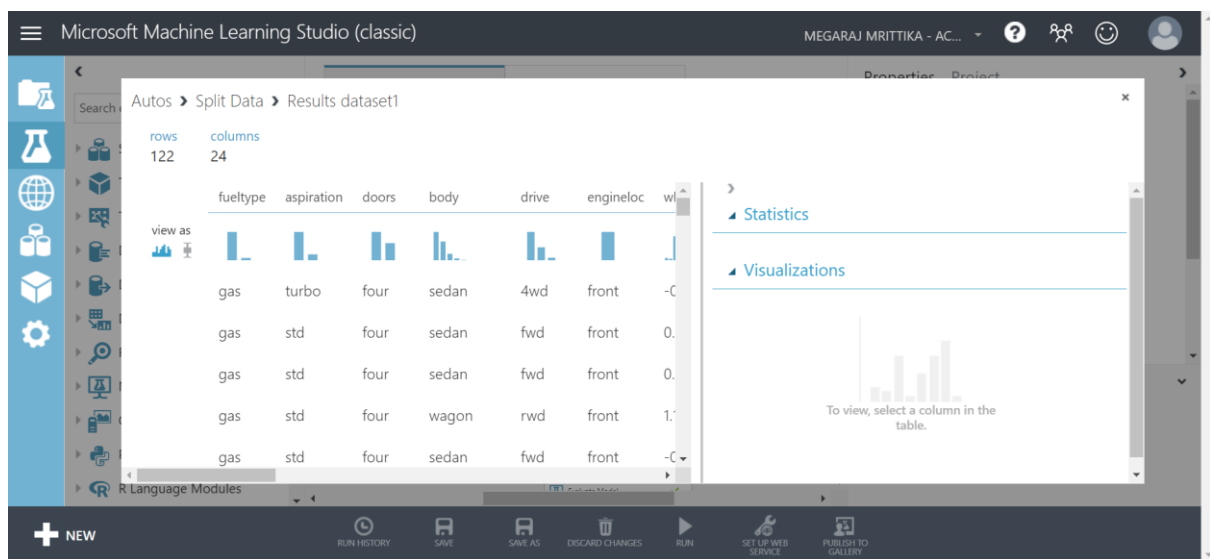
Stratified split

False

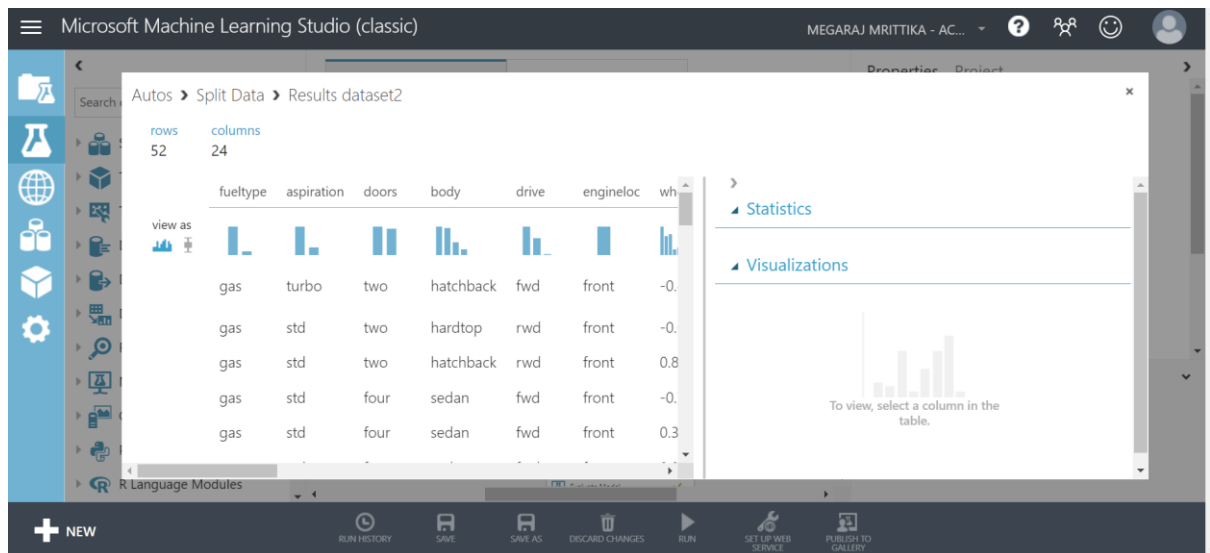
Quick Help

Split the rows of a dataset into two distinct sets (more help...)

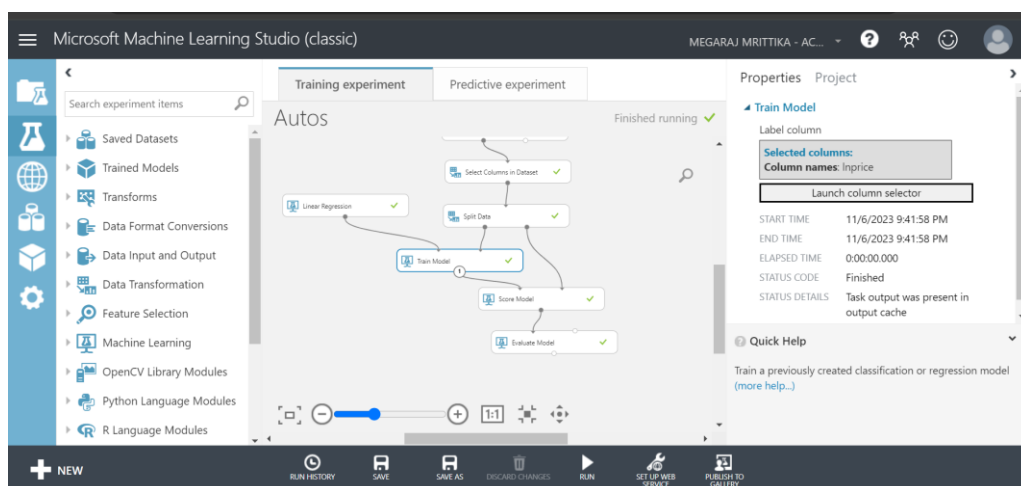
Train Data

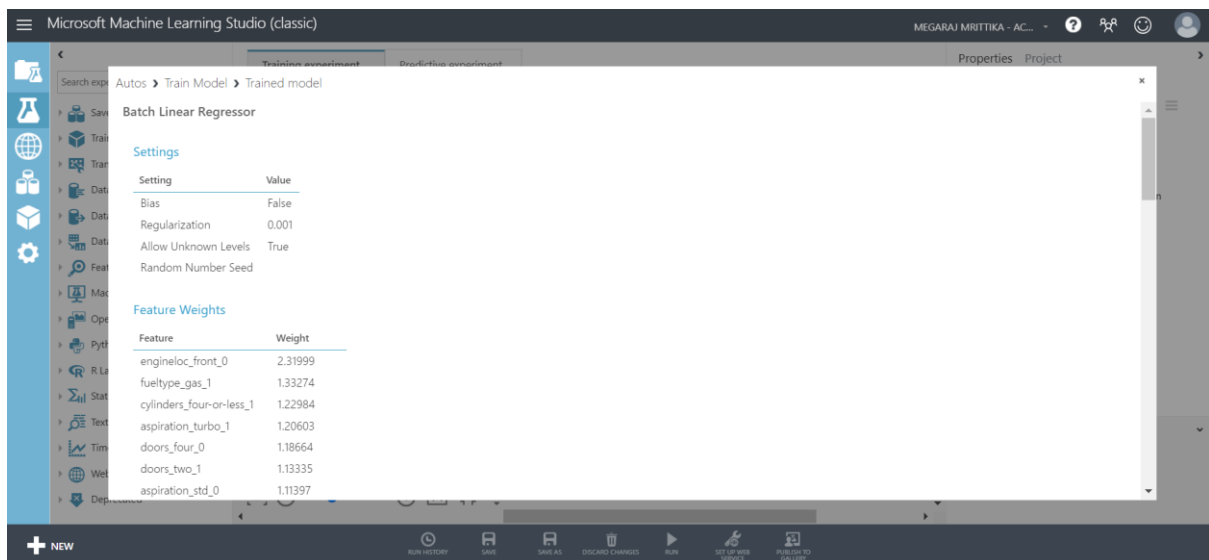


Test Data

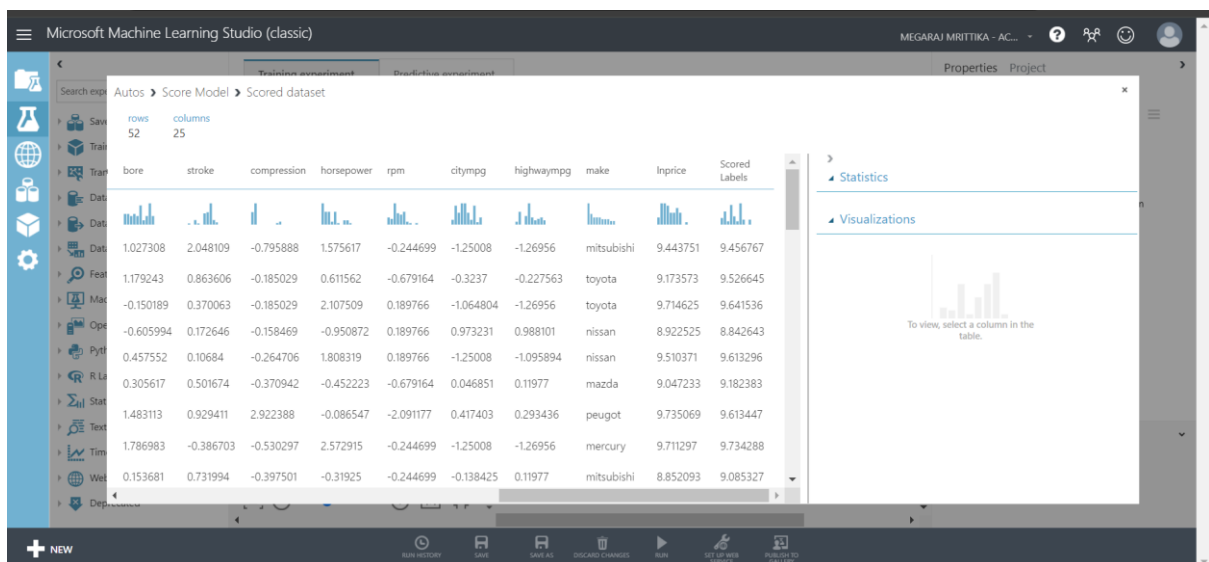


Train Model

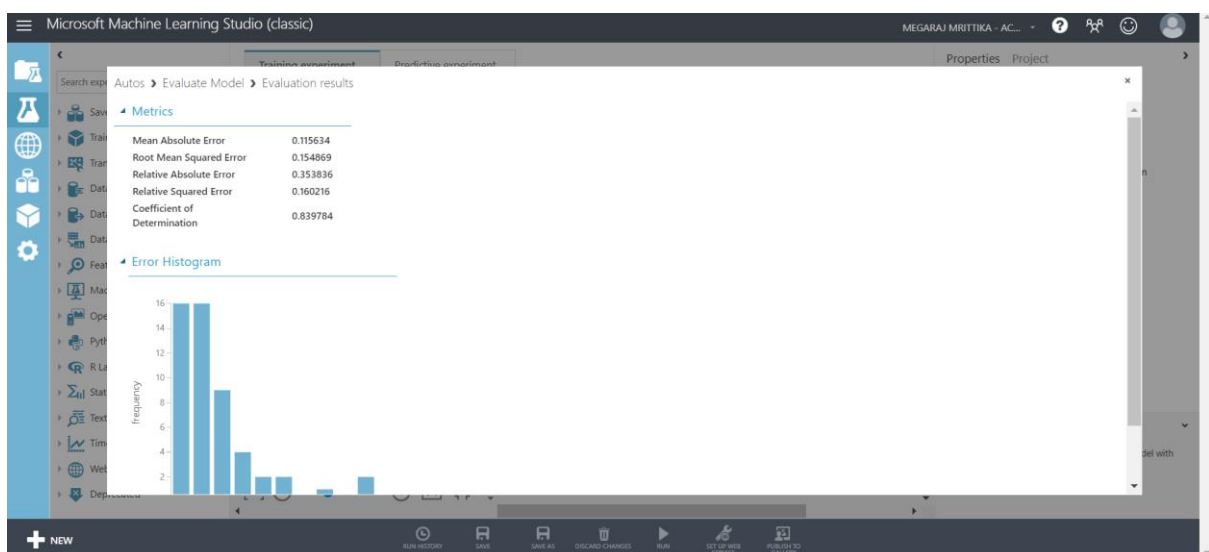




Score Model

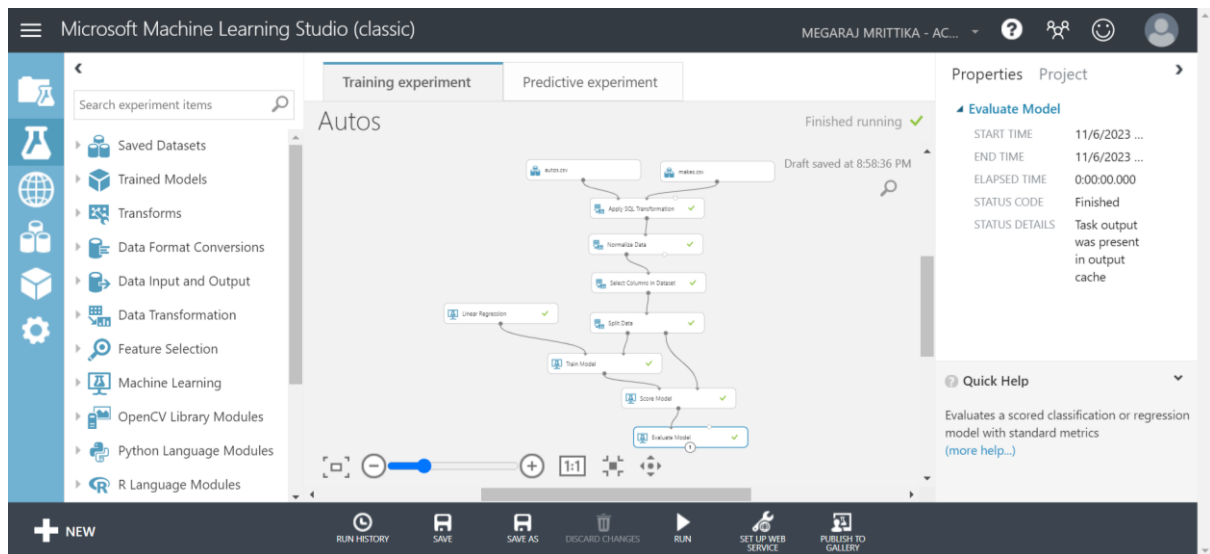


Evaluate Model

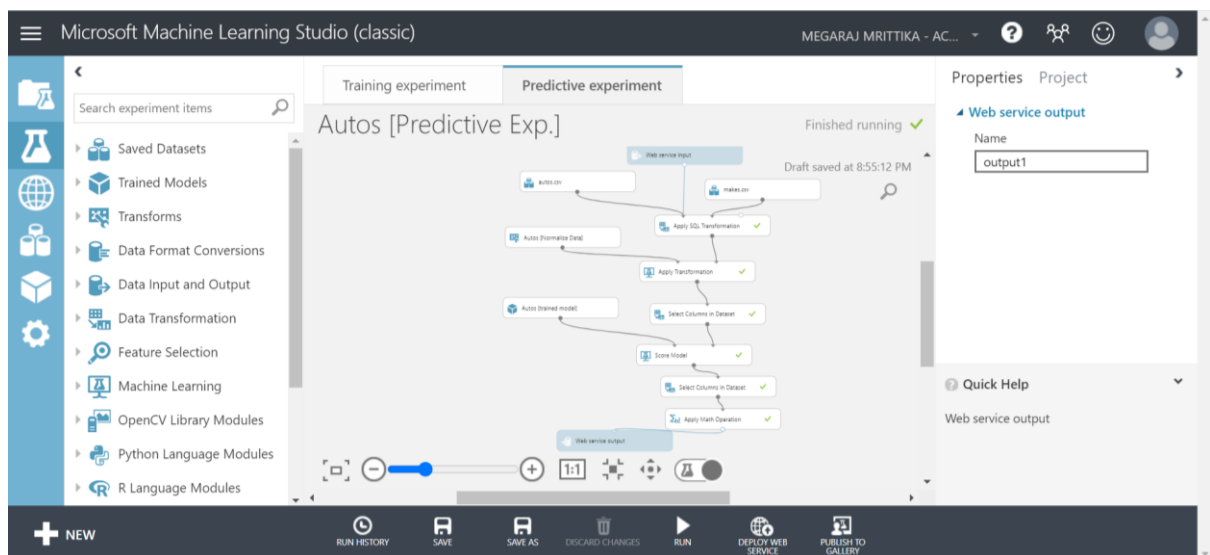


Experiment:

Training Experiment:



Predictive Experiment:



Visualization of Evaluation Model:

The screenshot displays the 'Evaluation results' window in Microsoft Machine Learning Studio (classic). The window shows the following metrics:

Metrics	
Mean Absolute Error	0.115634
Root Mean Squared Error	0.154869
Relative Absolute Error	0.353836
Relative Squared Error	0.160216
Coefficient of Determination	0.839784

