

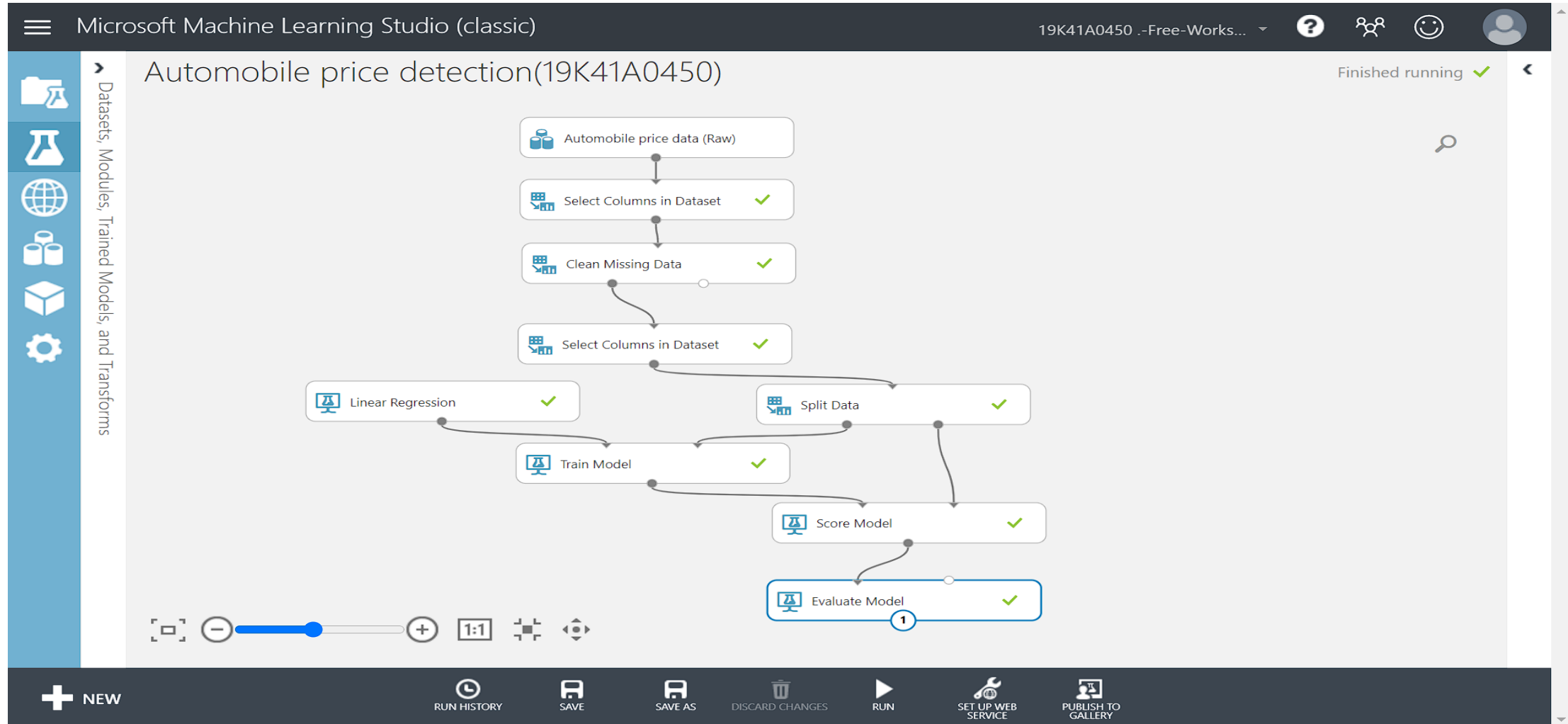
**Microsoft  
ML Studio(classic)  
19K41A0450**

Predicting Automobile prices using Regression Model.

**Gallery Link:**

<https://gallery.cortanaintelligence.com/Experiment/Automobile-price-detection-19K41A0450>

# Workflow



# Raw Data

Microsoft Machine Learning Studio (classic)

19K41A0450 - Free-Works... ?

Automobile price detection(19K41A0450)

Finished running ✓ Properties Project

Automobile price detection(19K41A0450) > Automobile price data (Raw) > dataset

rows: 205 columns: 26

view as

	symboling	normalized-losses	make	fuel-type	aspiration	num-of-doors	body-style	drive-wheels	engine-location	wheel-base	length	width	height	curb-weight
3			alfa-romero	gas	std	two	convertible	rwd	front	88.6	168.8	64.1	48.8	2541
3			alfa-romero	gas	std	two	convertible	rwd	front	88.6	168.8	64.1	48.8	2541
1			alfa-romero	gas	std	two	hatchback	rwd	front	94.5	171.2	65.5	52.4	2823
2		164	audi	gas	std	four	sedan	fwd	front	99.8	176.6	66.2	54.3	2334
2		164	audi	gas	std	four	sedan	4wd	front	99.4	176.6	66.4	54.3	2823
2			audi	gas	std	two	sedan	fwd	front	99.8	177.3	66.3	53.1	2501
1		158	audi	gas	std	four	sedan	fwd	front	105.8	192.7	71.4	55.7	2843
1			audi	gas	std	four	wagon	fwd	front	105.8	192.7	71.4	55.7	2953
1		158	audi	gas	turbo	four	sedan	fwd	front	105.8	192.7	71.4	55.9	3086
0			audi	gas	turbo	two	hatchback	4wd	front	99.5	178.2	67.9	52	3096
2		192	bmw	gas	std	two	sedan	rwd	front	101.2	176.8	64.8	54.3	2399
0		192	bmw	gas	std	four	sedan	rwd	front	101.2	176.8	64.8	54.3	2399
0		188	bmw	gas	std	two	sedan	rwd	front	101.2	176.8	64.8	54.3	2715
0		188	bmw	gas	std	four	sedan	rwd	front	101.2	176.8	64.8	54.3	2769
1			bmw	gas	std	four	sedan	rwd	front	103.5	189	66.9	55.7	3096
0			bmw	gas	std	four	sedan	rwd	front	103.5	189	66.9	55.7	3218
0			bmw	gas	std	two	sedan	rwd	front	103.5	193.8	67.9	53.7	3389
0			bmw	gas	std	four	sedan	rwd	front	110	197	70.9	56.3	3503
2		121	chevrolet	gas	std	two	hatchback	fwd	front	88.4	141.1	60.3	53.2	1482

Statistics

Visualizations

To view, select a column in the table.

NEW

RUN HISTORY SAVE SAVE AS DISCARD CHANGES RUN SET UP WEB SERVICE PUBLISH TO GALLERY

Remove normalized-losses column due to more missing values, and remaining missing values are removed using “clean missing data” by removal of correspondent row.

Microsoft Machine Learning Studio (classic)

19K41A0450 .-Free-Works...

Automobile price detection(19K41A0450)

Finished running ✓

Properties Project

Select Columns in Dataset

BY NAME

WITH RULES

Allow duplicates and preserve column order in selection

Begin With

ALL COLUMNS NO COLUMNS

Exclude column names normalized-losses X

+

-

✓

9/21/20...  
9/21/20...  
0:00:00.0...  
Finished  
Task  
output  
was  
present in  
output  
cache

Include or exclude from a  
dataset in an operation. Formerly known as  
Project Columns.  
(more help...)

NEW

RUN HISTORY

SAVE

SAVE AS

DISCARD CHANGES

RUN

SET UP WEB SERVICE

PUBLISH TO GALLERY

Microsoft Machine Learning Studio (classic)

19K41A0450 .-Free-Works... ?

Finished running ✓

Properties Project

Automobile price detection(19K41A0450)

Select Columns in Dataset

BY NAME

WITH RULES

☐ Allow duplicates and preserve column order in selection

Begin With

ALL COLUMNS NO COLUMNS

Include column names

num-of-cylinders x fuel-type x body-style x drive-wheels x price x

+

-

✓

9/21/2021 ...

9/21/2021 ...

0:00:01.422

Finished

None

+

-

+

NEW

RUN HISTORY

SAVE

SAVE AS

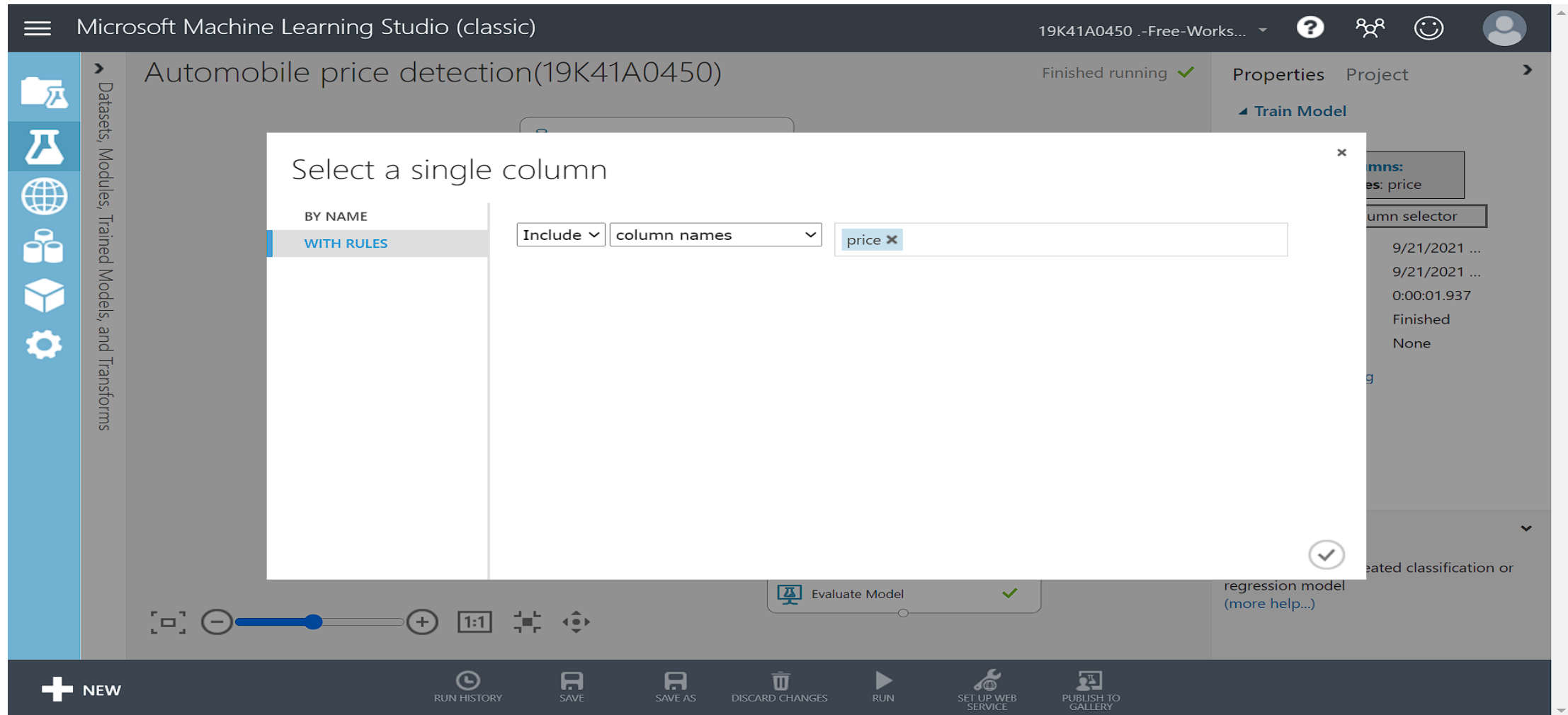
DISCARD CHANGES

RUN

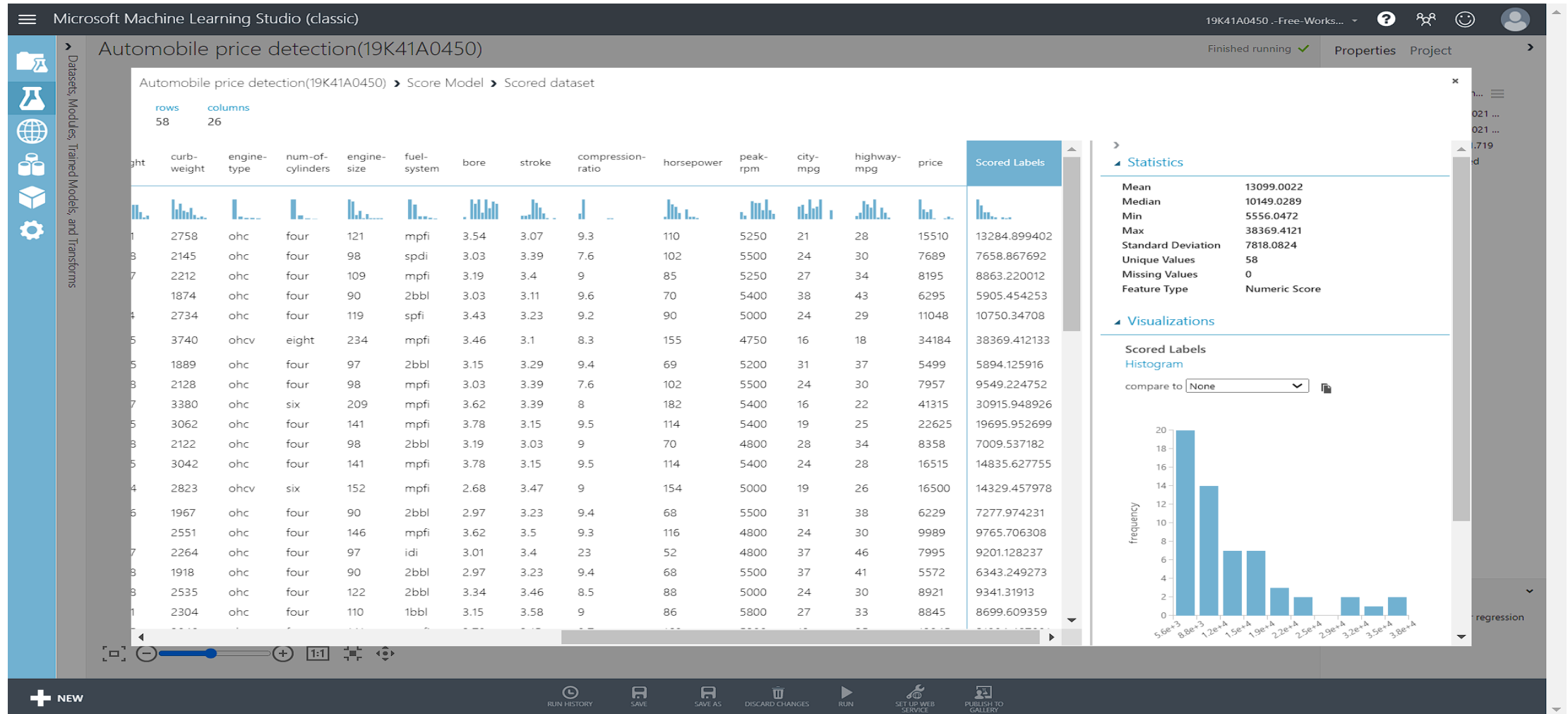
SET UP WEB SERVICE

PUBLISH TO GALLERY

## Use Linear regression to train model



# Score Model





# Evaluate Model

