

TRAIN THE MODEL ON IBM

Date	19 November 2022
Team ID	PNT2022TMID25594
Project Name	Car Resale Value Prediction

1) Register for IBM Cloud

Projects / Car Resale Value Prediction

Overview Assets Jobs Manage

Assets

- value prediction 1 minute ago by you
- Cleaned_Car_data.csv_flow 18 minutes ago by you

[View all](#)

Resource usage

For this month in this project

0.5 CUH

Readme

Type project notes, reminders, or instructions

Project history

You created project Car Resale Value Prediction Today at 03:12 PM

2) Train the ML model on IBM

IBM Watson Studio Search in your workspaces Buy

Projects / Car Resale Value Prediction

Overview Assets Jobs Manage

Find assets Import assets New asset

3 assets

All assets

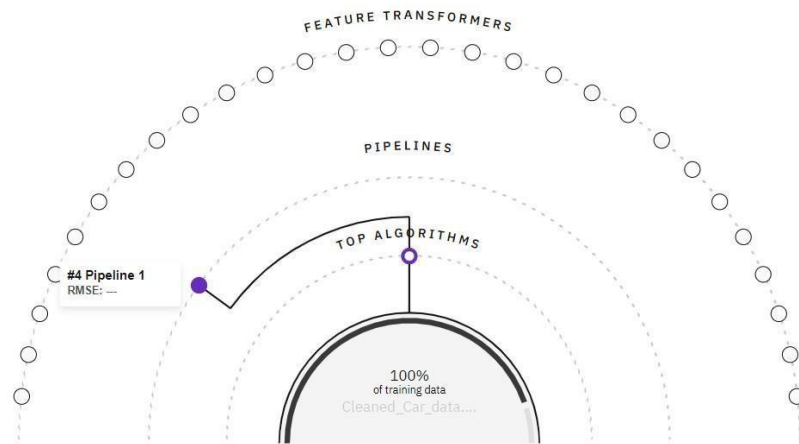
Name	Last modified
value prediction AutoAI experiment	Now Modified by you
Cleaned_Car_data.csv_flow Data Refinery flow	17 minutes ago Modified by you
Cleaned_Car_data.csv csv	29 minutes ago Modified by you

Asset types

- > Data 1
- > Flows 1
- > Experiments 1

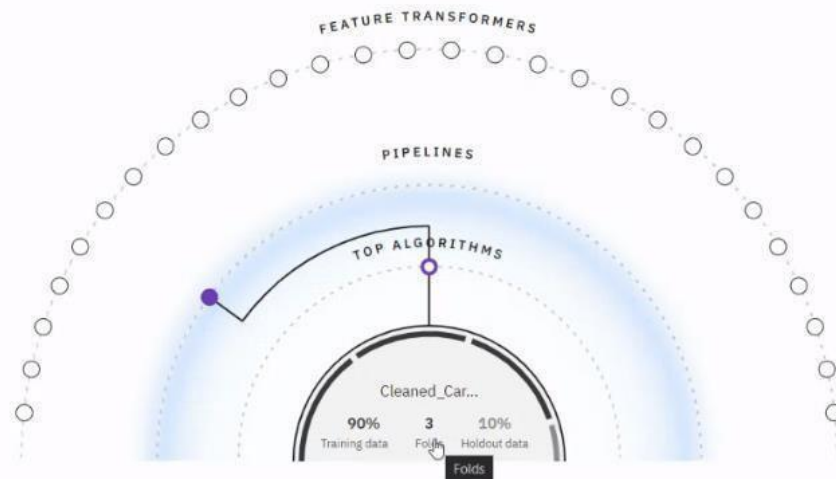
Relationship map ④

Prediction column: Price



Relationship map ④

Prediction column: Price



3) Integrate Flask with Scoring End Point

```
Projects / Car Resale Value Prediction / car-resale-value-prediction-LGBM

In [23]: model_id = uml_client.repository.get_model_id(model_details)
         model_id
Out[23]: '8852c589-045d-4e0e-a2cb-8f586f3b4648'

In [24]: # Set meta
         deployment_props = {
             uml_client.deployments.ConfigurationMetaNames.NAME: DEPLOYMENT_NAME,
             uml_client.deployments.ConfigurationMetaNames.ONLINE: {}
         }

In [25]: # Deploy
         deployment = uml_client.deployments.create(
             artifact_uid=model_id,
             meta_props=deployment_props
         )

=====
Synchronous deployment creation for uid: '8852c589-045d-4e0e-a2cb-8f586f3b4648' started
=====

initializing
Note: online_url is deprecated and will be removed in a future release. Use serving_url instead.

ready

.....
Successfully finished deployment creation, deployment_uid='7f67cbcd-6222-413b-9901-b2a72807ac82'
```