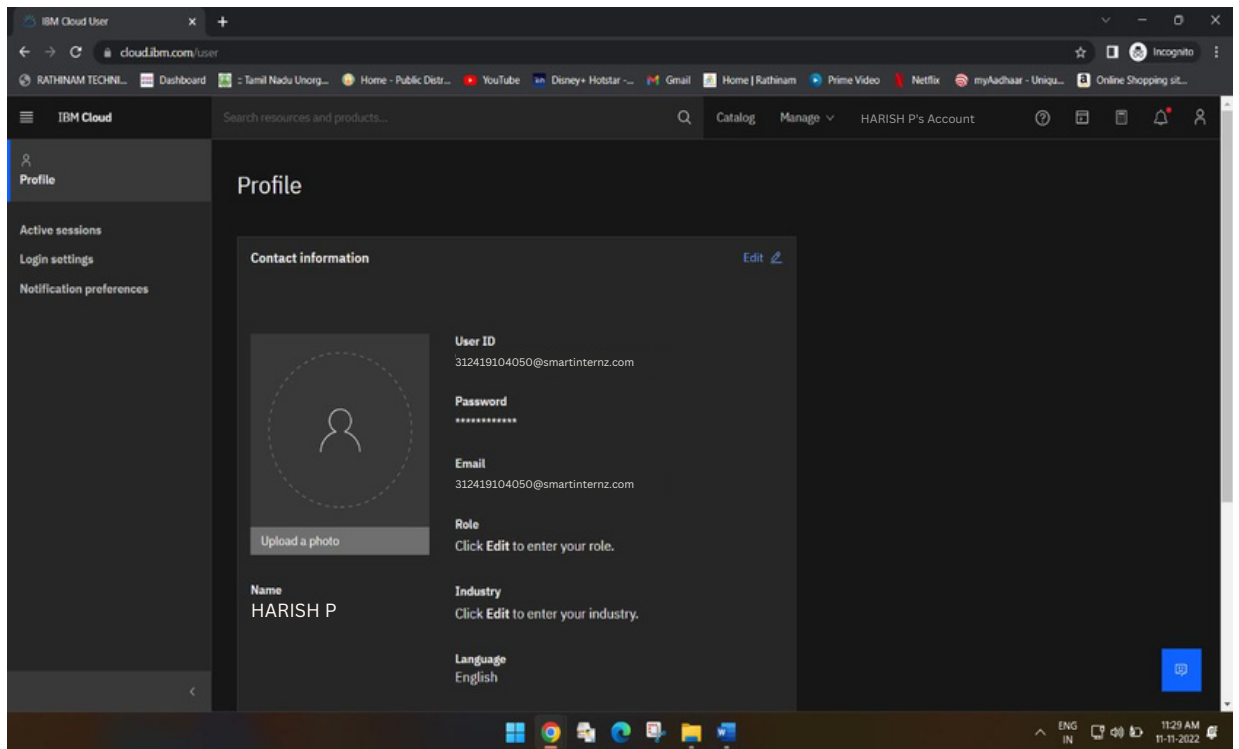


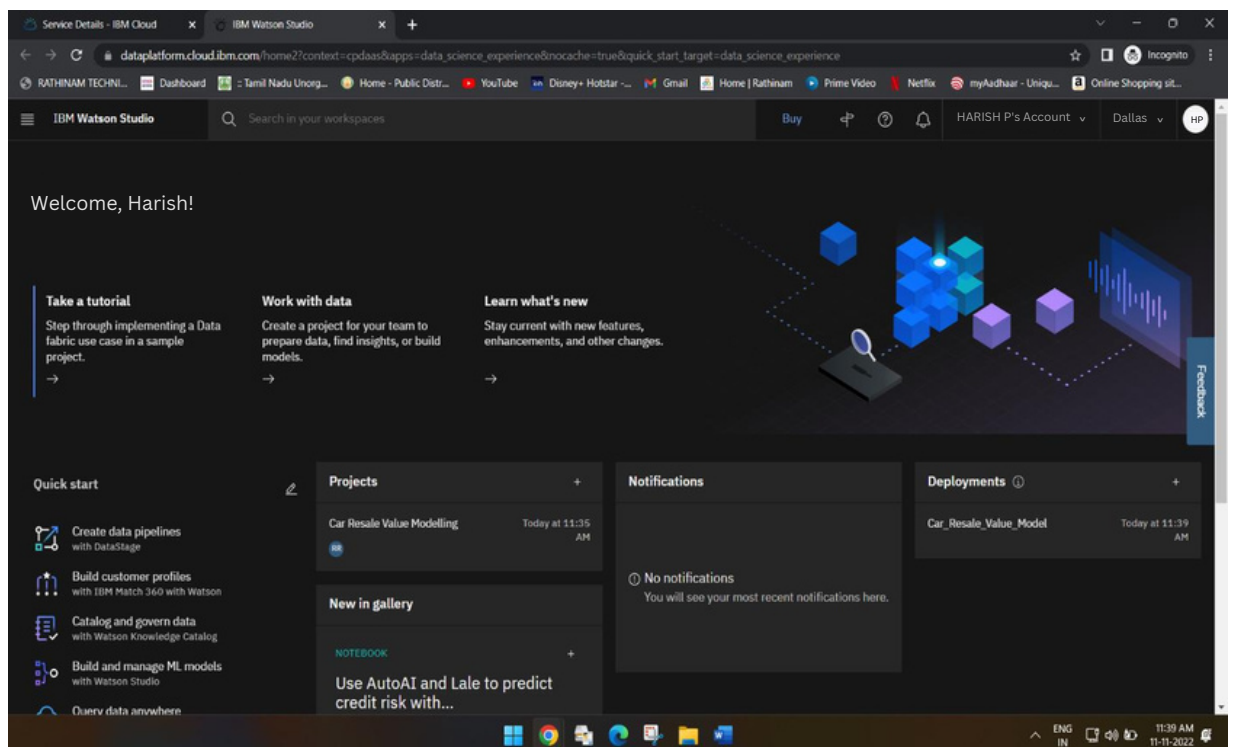
Train the Model on IBM

Date	31 October 2022
Team ID	PNT2022TMID28051
Project Name	Car Resale Value Prediction

1) Register for IBM Cloud



2) Train the ML model on IBM



The screenshot shows the IBM Watson Studio interface. The top navigation bar includes the IBM logo and a search bar. The main content area is titled "Deployments / Car_Resale_Value_Model /". Below this, there's a section for "CRVP" with tabs for "Deployments" and "Model details". The "Deployments" tab is active, showing a table of deployment types. The table has columns for "Name", "Status", and "Last modified". There is one deployment listed: "CRVP" with a status of "Deployed" and a last modified time of "Oct 30, 2022, 2:22 PM". A "New deployment" button is visible in the top right corner of the deployment list.

DEPLOYMENT TYPES	1 Online Deployment(s)
Online (1)	
Batch (0)	

Name	Status	Last modified
CRVP	Deployed	Oct 30, 2022, 2:22 PM

Model details sidebar:

- Created: Oct 30, 2022, 2:22 PM
- Type: scikit-learn_1.0
- Model ID: 8852c589-045d-4e0e-a2cb-8f58f3b4648
- Software specification: runtime-22.1-py3.9
- Description: No description provided.
- Tags: Add tags to make assets easier to find.

3) Integrate Flask with Scoring End Point

The screenshot shows the IBM Watson Studio interface. The top navigation bar includes the IBM logo and a search bar. The main content area is titled "Projects / Car Resale Value Prediction / car-resale-value-prediction-LGBM". Below this, there's a code editor showing the deployment process. The code includes the following steps:

```

In [23]: model_id = wml_client.repository.get_model_id(model_details)
         model_id
Out[23]: '8852c589-045d-4e0e-a2cb-8f58f3b4648'

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

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

Synchronous deployment creation for uid: '8852c589-045d-4e0e-a2cb-8f58f3b4648' 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'

```