

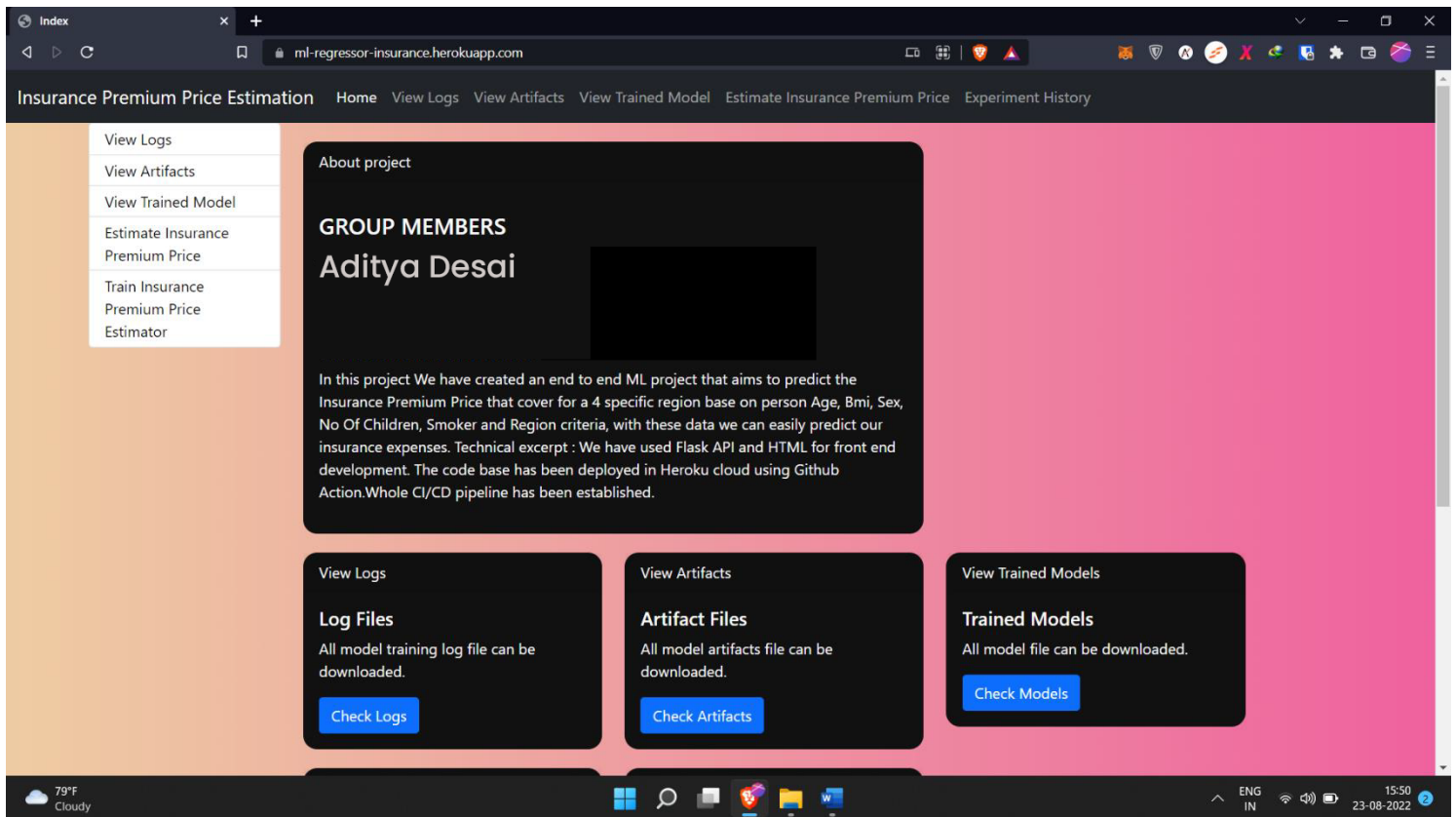
INSURANCE PREMIUM PREDICTION

WIREFRAME DOCUMENT



Homepage

Homepage consists of single page having different section to go on. The page designed in such way that user can switch between Home page, view logs ,view Artifact, View trained models ,Estimate Insurance Premium price prediction and train insurance premium model . There are 5 different sections in the homepage where the user can switch according to requirement.



After Clicking on Train Insurance Premium Price Estimator:

Train Status

ml-regressor-insurance.herokuapp.com/train

Insurance Premium Price Estimation Home View Logs View Artifacts View Trained Model Estimate Insurance Premium Price Experiment History

View Logs

View Artifacts

View Trained Model

Estimate Insurance Premium Price

Train Insurance Premium Price Estimator

Go to Home

Training started.

| | experiment_id | artifact_time_stamp | running_status | start_time | stop_time | execution_time | message | accuracy | is_model_accepted | created_time_stamp |
|---|--------------------------------------|---------------------|----------------|----------------------------|----------------------------|------------------------|------------------------------|----------|-------------------|----------------------------|
| 7 | 2e4f2c08-aa06-4791-b162-34f050eedc57 | 2022-08-23-10-04-07 | False | 2022-08-23 10:04:07.387578 | 2022-08-23 10:04:15.253856 | 0 days 00:00:07.866278 | Pipeline has been completed. | 0.738567 | True | 2022-08-23 10:04:15.253973 |
| 8 | 56b0d368-59e3-498e-b4b0-4c9662031cea | 2022-08-23-10-08-21 | True | 2022-08-23 10:08:21.401287 | NaN | NaN | Pipeline has been started. | NaN | NaN | 2022-08-23 10:08:21.401390 |
| 9 | 56b0d368-59e3-498e-b4b0-4c9662031cea | 2022-08-23-10-08-21 | False | 2022-08-23 10:08:21.401287 | 2022-08-23 10:08:28.601848 | 0 days 00:00:07.200561 | Pipeline has been completed. | 0.738567 | True | 2022-08-23 10:08:28.601976 |

79°F Cloudy

ENG IN

15:51 23-08-2022

After our model trained successfully, we can start prediction while clicking on Estimate Insurance Premium Price Section

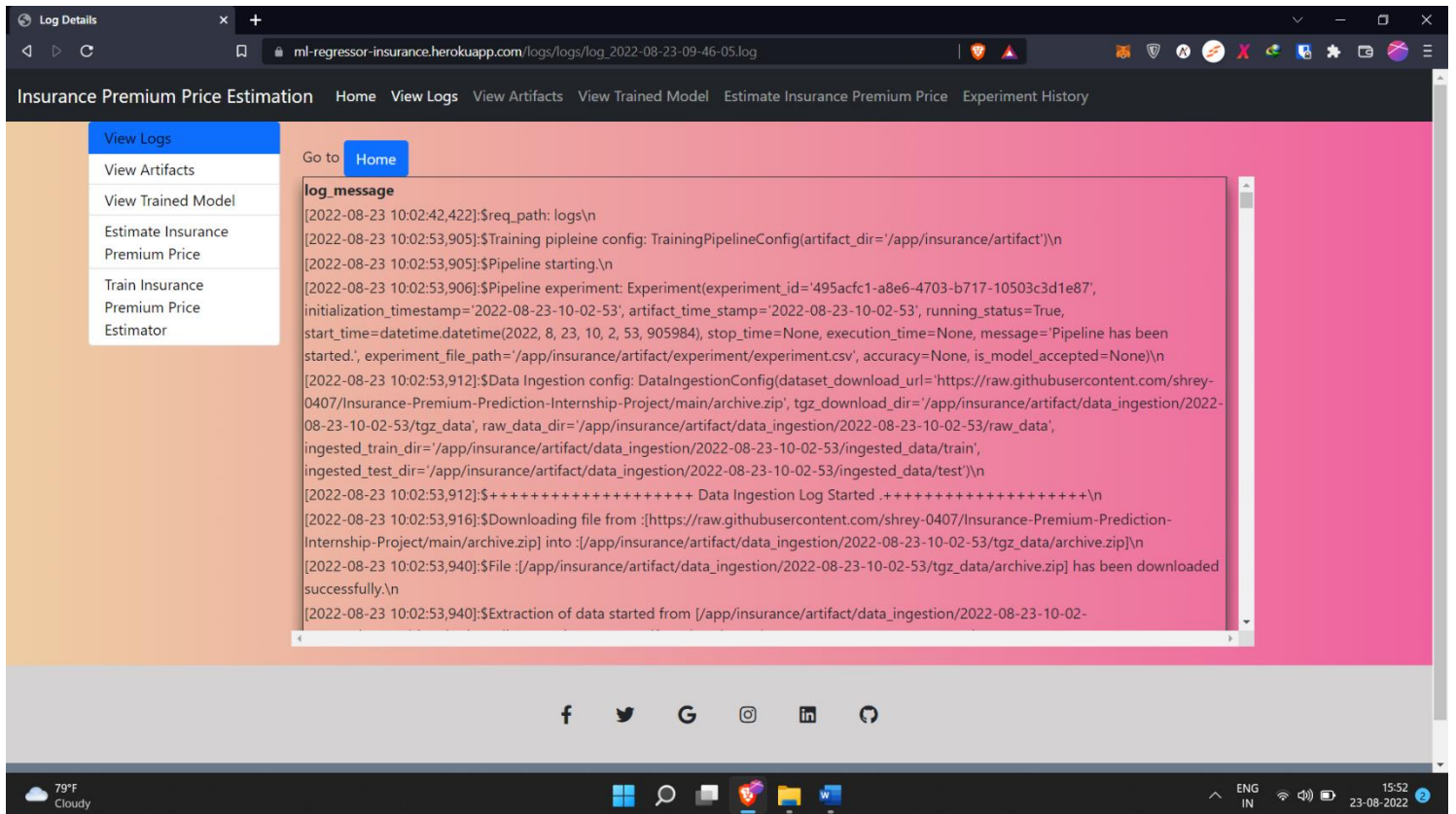
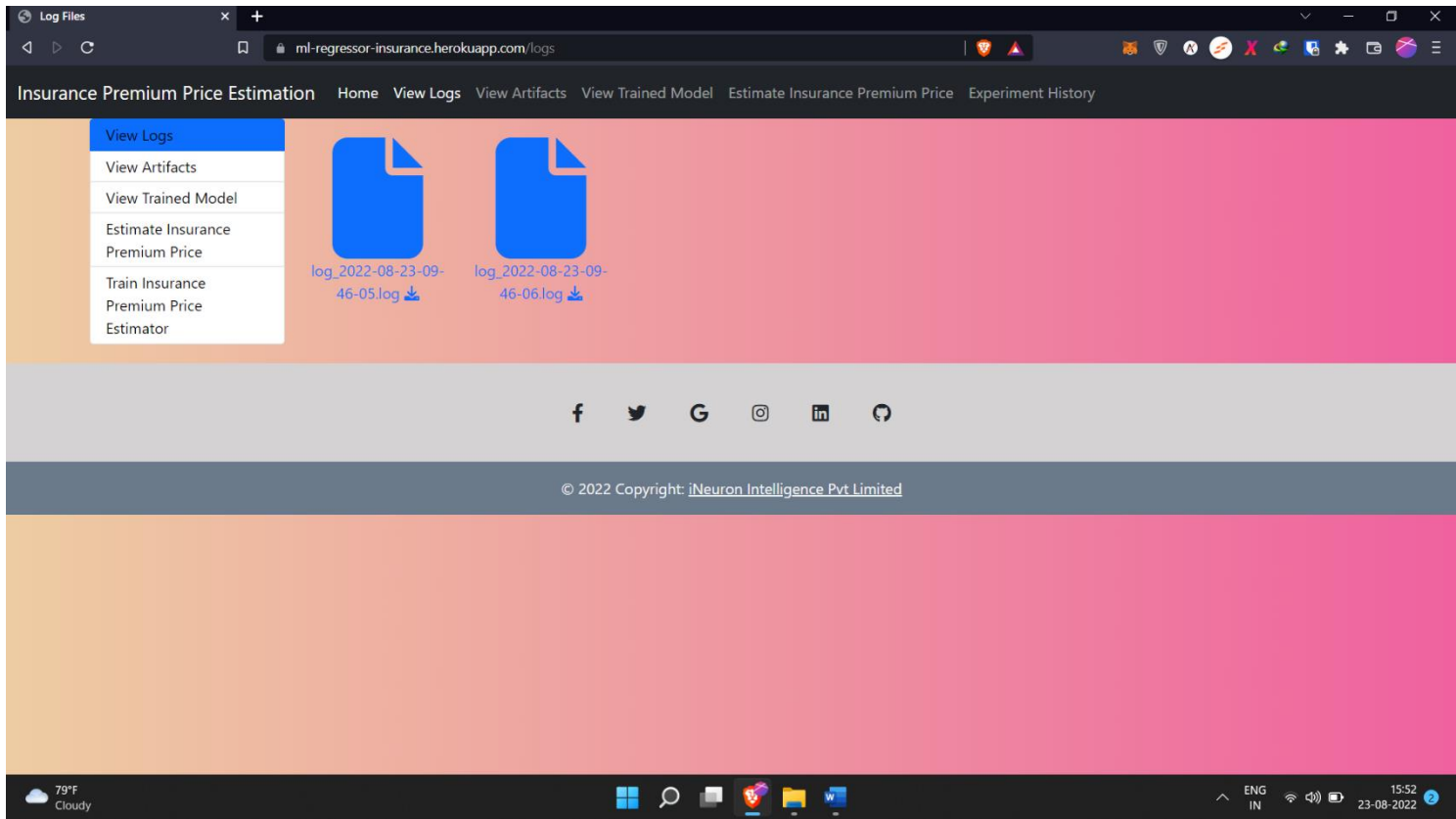
The screenshot shows a web browser window with the address bar displaying 'ml-regressor-insurance.herokuapp.com/predict'. The page has a dark blue header with the title 'Insurance Premium Estimator'. Below the header, there is a white input field containing the text 'northeast'. A blue button labeled 'Predict Insurance Premium Value' is positioned below the input field. Underneath the button, the text 'Insurance Premium price' is displayed. A table with two columns, 'Input Feature' and 'Feature Value', lists the following data: age (30), sex (male), bmi (26.0), children (3), smoker (yes), region (northeast), and expenses (29718.6791, 87582246). Below the table, the text 'Insurance Premium Prediction' is shown. At the bottom of the form, there is a 'Go to' label and a blue button labeled 'Home'. The background of the page is a gradient of orange and blue. The Windows taskbar at the bottom shows the date as 23-08-2022 and the time as 15:52.

| Input Feature | Feature Value |
|---------------|------------------------|
| age | 30 |
| sex | male |
| bmi | 26.0 |
| children | 3 |
| smoker | yes |
| region | northeast |
| expenses | 29718.6791 87582246 |

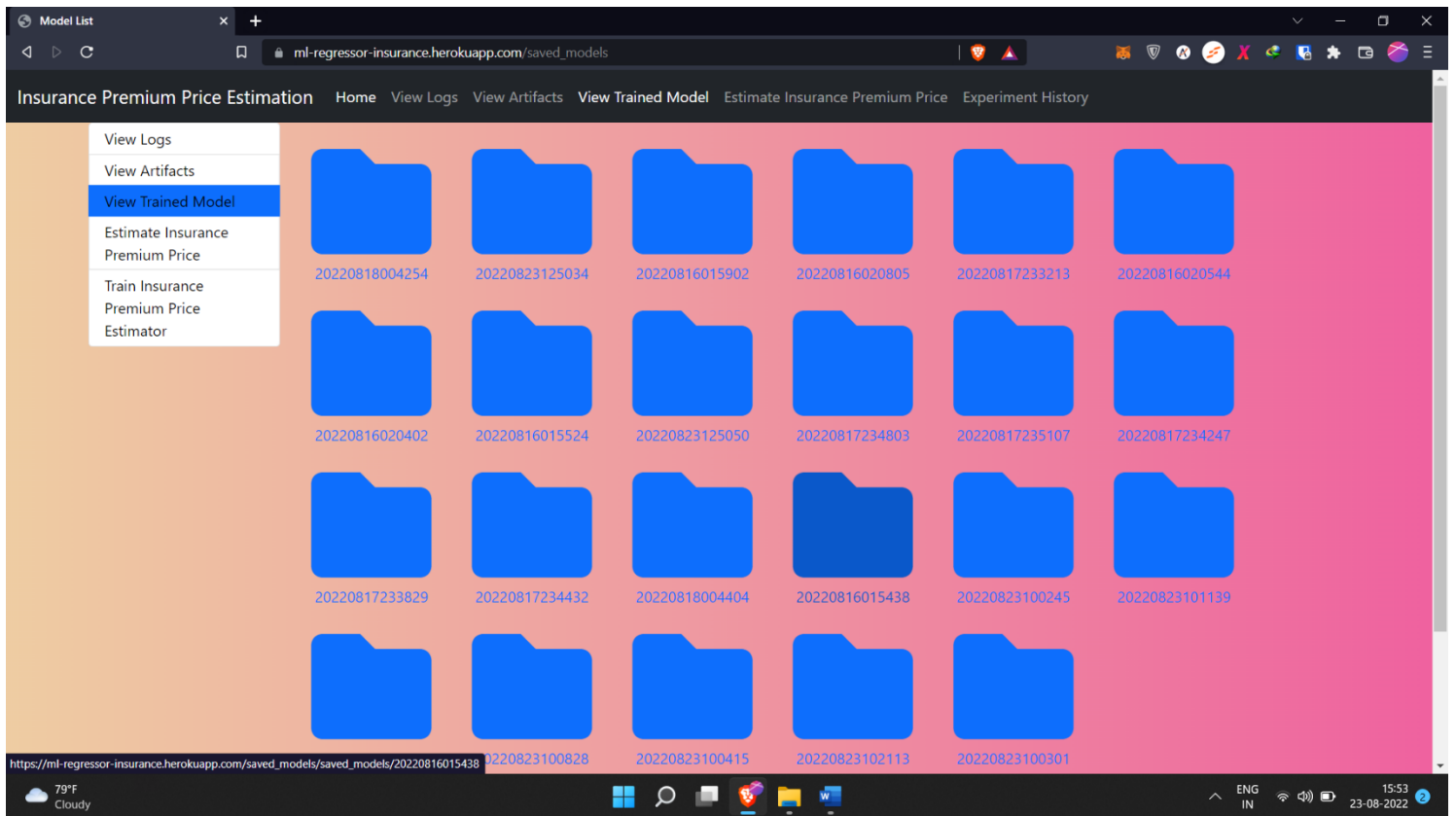
Fill the form for prediction and submit it for prediction.

We can also check our other components of our model such as artifacts, trained models, log history and experiment records

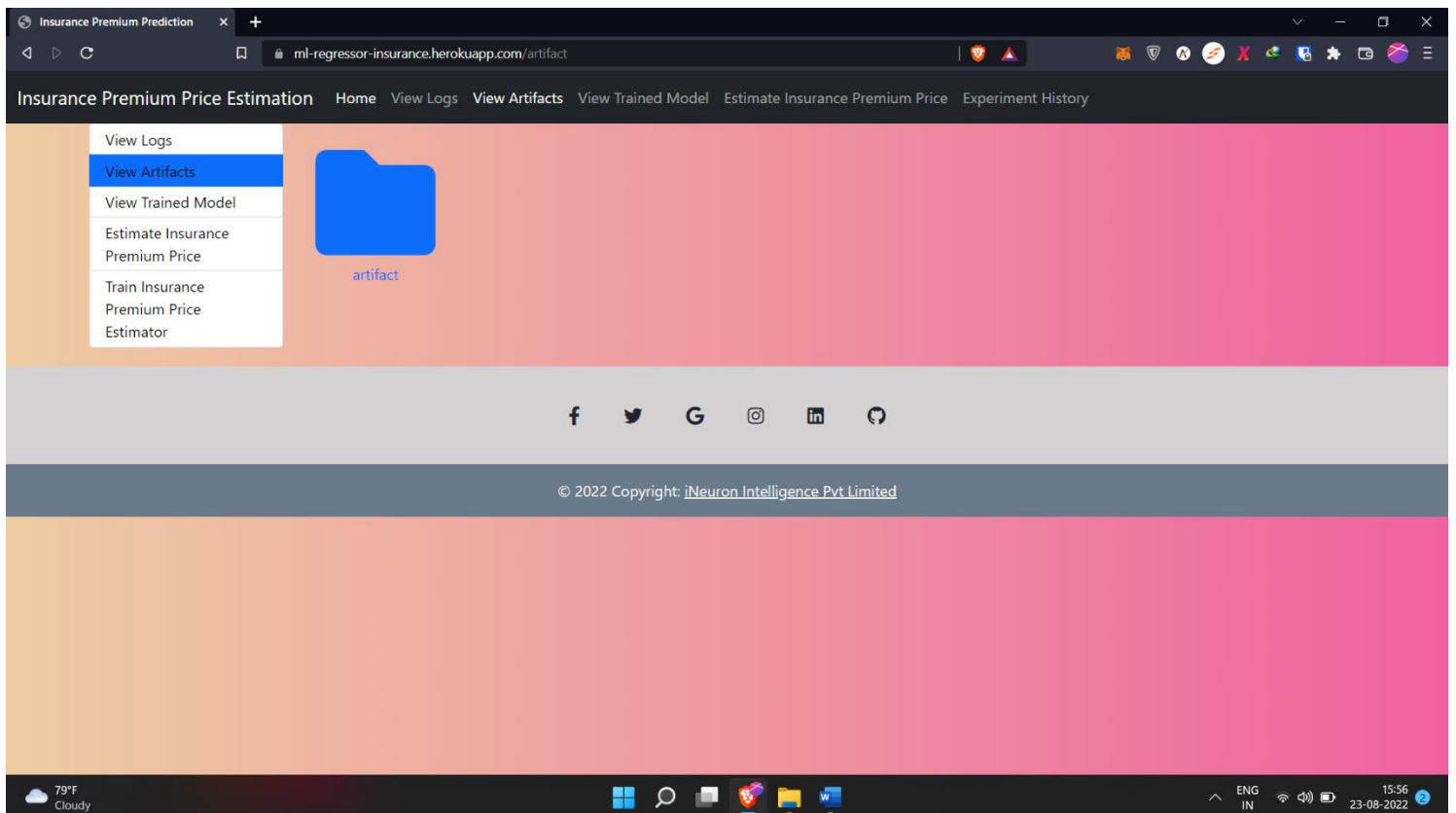
View Logs



View Trained Models



View Artifacts



After further clicking artifact folder we can access all folders inside Artifacts

