


INSURANCE PREMIUM PREDICTION

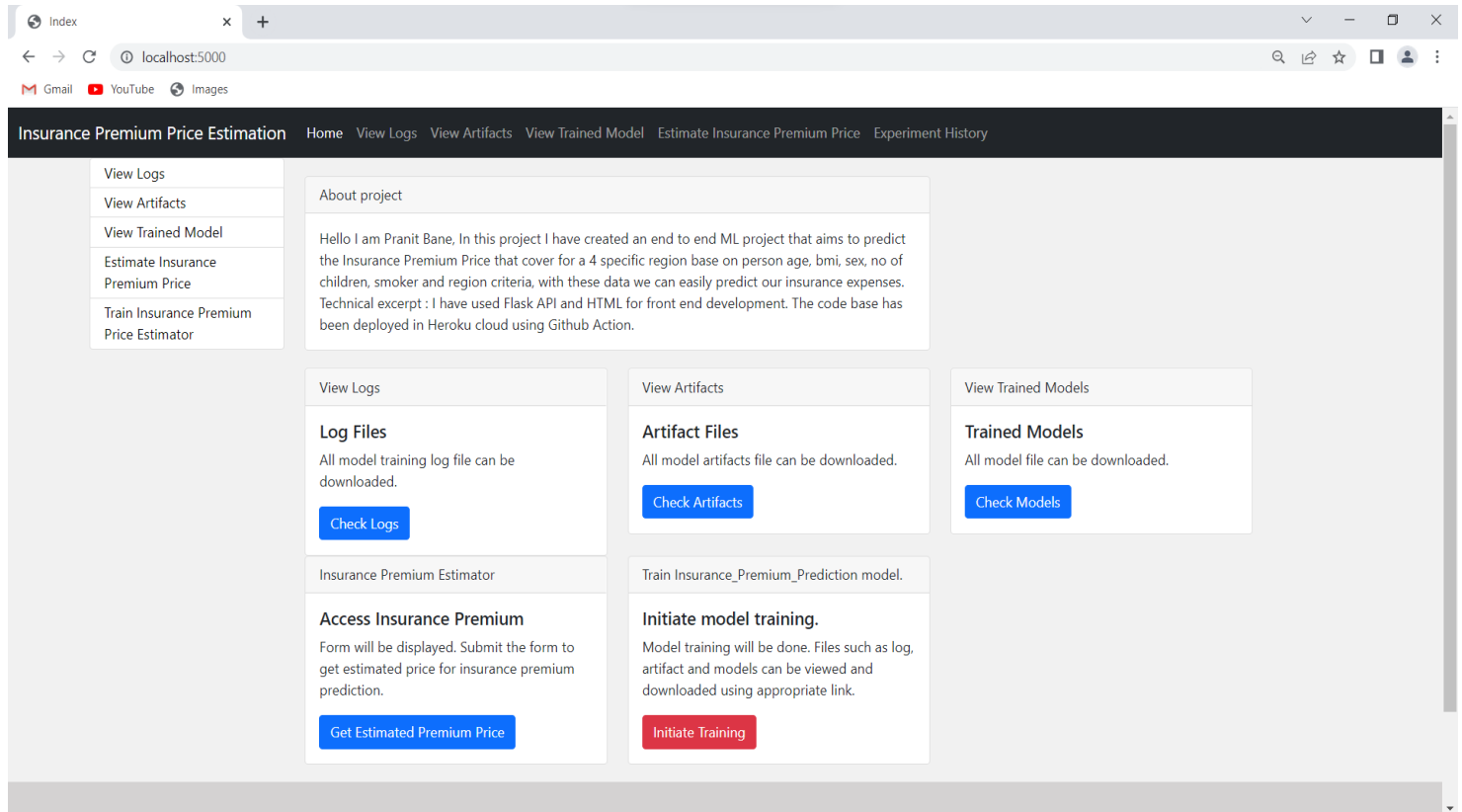
WIREFRAME DOCUMENT



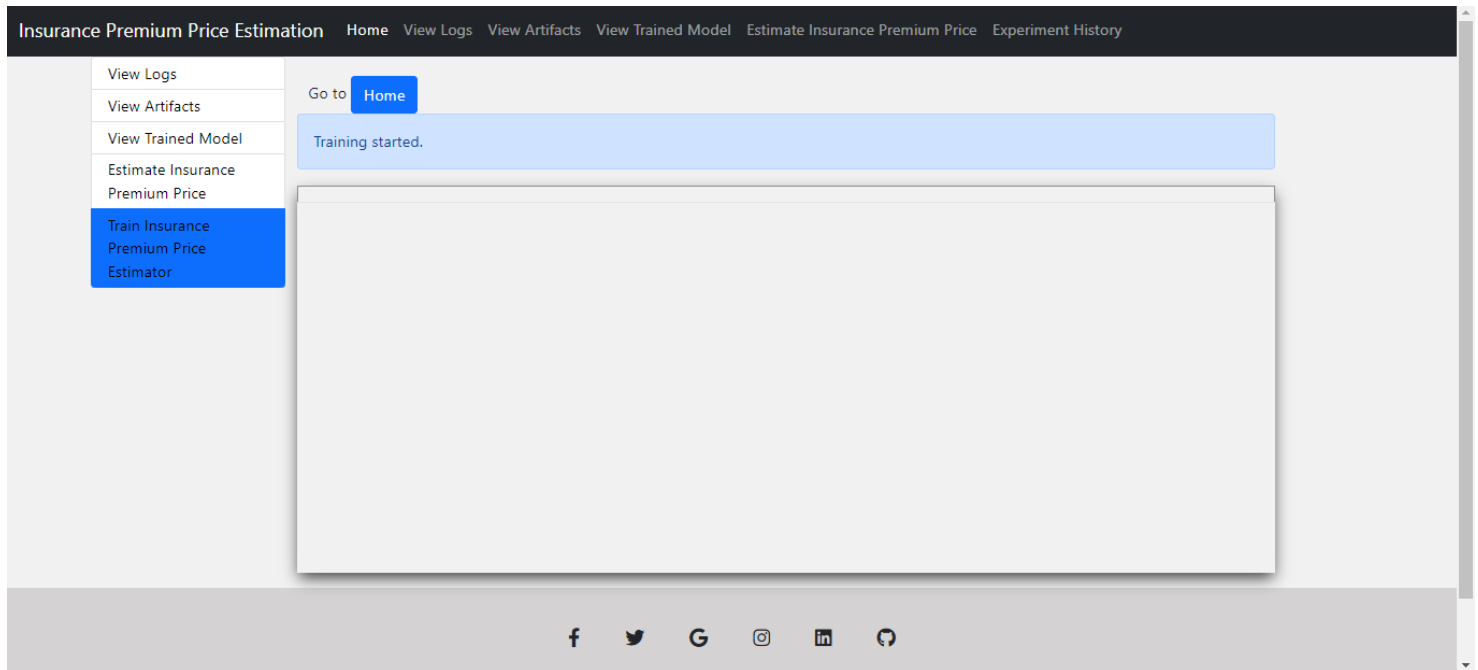
Pranit Bane
iNeuron

Homepage

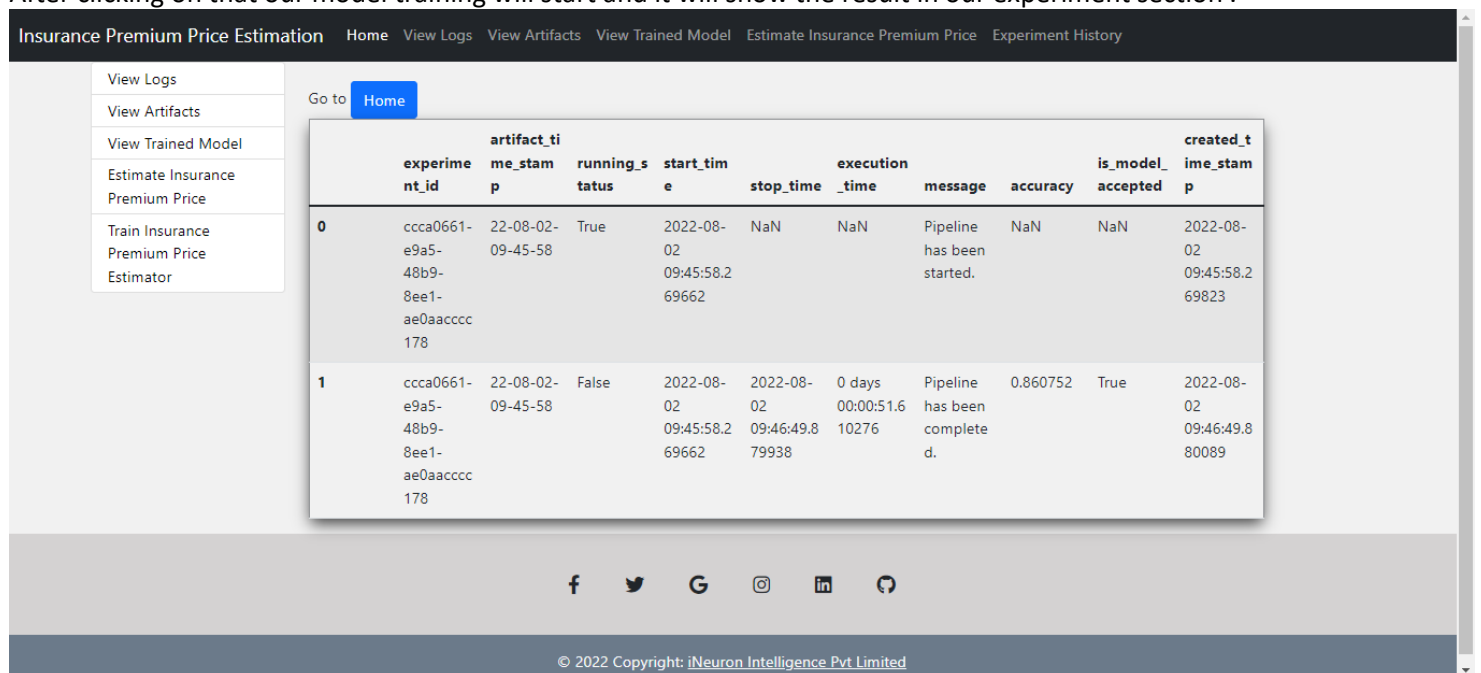
Homepage consists of single page having different section to go on. The page designed in such way that user can switch between Home page, view logs ,view Artifact, View trained models ,Estimate Insurance Premium price prediction and train insurance premium model . There are 5 different sections in the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



After Clicking on Train Insurance Premium Price Estimator:



After clicking on that our model training will start and it will show the result in our experiment section .



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

The screenshot displays the 'Insurance Premium Price Estimation' web application. The top navigation bar includes links: Insurance Premium Price Estimation, Home, View Logs, View Artifacts, View Trained Model, Estimate Insurance Premium Price, and Experiment History. On the left, a sidebar menu lists: View Logs, View Artifacts, View Trained Model, Estimate Insurance Premium Price (highlighted), and Train Insurance Premium Price Estimator. The main content area is titled 'Insurance Premium Estimation Form' and contains input fields for age, sex, smoker, bmi, children, and region. A 'Predict Insurance Premium Value' button is present. Below the button, a modal window titled 'Insurance Premium price' displays a table of input features and their values.

Input Feature	Feature Value
age	23
sex	female
bmi	29.0
children	2
smoker	yes
region	southeast
expenses	20426.055878621806

Below the table, the text 'Insurance Premium Prediction' is visible, followed by a 'Go to Home' button.

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

The screenshot shows the 'View Logs' section of the application. The top navigation bar is the same as in the previous screenshot. The sidebar menu lists: View Logs (highlighted), View Artifacts, View Trained Model, Estimate Insurance Premium Price, and Train Insurance Premium Price Estimator. The main content area displays a large blue document icon representing a log file. Below the icon, the text 'log_22-08-02-09-45-37.log' is shown with a download icon. At the bottom of the page, there is a footer with social media icons for Facebook, Twitter, Google+, Instagram, LinkedIn, and YouTube, followed by the copyright notice: '© 2022 Copyright: iNeuron Intelligence Pvt Limited'.

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

log_message
[2022-08-02 09:45:58,266]:\$Training_pipeline_config:TrainingPipelineConfig(artifact_dir='/app/insurancePremiumPrediction/artifact')\n
[2022-08-02 09:45:58,267]:\$Pipeline starting.\n
[2022-08-02 09:45:58,269]:\$Pipeline experiment: Experiment(experiment_id='cca0661-e9a5-48b9-8ee1-ae0aaccc178', initialization_timestamp='22-08-02-09-45-58', artifact_time_stamp='22-08-02-09-45-58', running_status=True, start_time=datetime.datetime(2022, 8, 2, 9, 45, 58, 269662), stop_time=None, execution_time=None, message='Pipeline has been started.', experiment_file_path='/app/insurancePremiumPrediction/artifact/experiment/experiment.csv', accuracy=None, is_model_accepted=None)\n
[2022-08-02 09:45:58,277]:\$----- Data Ingestion Log Started ,-----\n
[2022-08-02 09:45:58,278]:\$Downloading file from :[https://drive.google.com/u/0/uc?id=1QuiH3YyUUQRMC0h5T-ictME30_kh1H9x&export=download]\n
[2022-08-02 09:45:58,831]:\$File [https://drive.google.com/u/0/uc?id=1QuiH3YyUUQRMC0h5T-ictME30_kh1H9x&export=download] has been downloaded successfully at [/app/insurancePremiumPrediction/artifact/data_ingestion/22-08-02-09-45-58/zip_data/insurance.zip] . \n
[2022-08-02 09:45:58,831]:\$Extraction of data started from [/app/insurancePremiumPrediction/artifact/data_ingestion/22-08-02-09-45-58/zip_data/insurance.zip] into dir : [/app/insurancePremiumPrediction/artifact/data_ingestion/22-08-02-09-45-58/raw_data]\n
[2022-08-02 09:45:58,833]:\$-----Extraction Completed -----\n
[2022-08-02 09:45:58,857]:\$----- Data Ingestion Successfully -----\n
[2022-08-02 09:45:58,857]:\$----- Data Ingestion Log Completed ,-----\n
NaN
NaN
[2022-08-02 09:45:58,858]:\$----- Data Validation Log Started ,-----\n
[2022-08-02 09:45:58,858]:\$----- Check for Train and Test File is available or not ,-----\n

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View Trained Models

Insurance Premium Price Estimation
Home
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Estimate Insurance Premium Price
Experiment History

View Logs
View Artifacts
View Trained Model
Estimate Insurance Premium Price
Train Insurance Premium Price Estimator

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View Artifacts

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

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InsurancePremiumPrediction/artifact

experiment
model_trainer
model_evaluation
data_transformation
data_ingestion
data_validation

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