

INSURANCE PREMIUM PREDICTION

WIREFRAME DOCUMENT

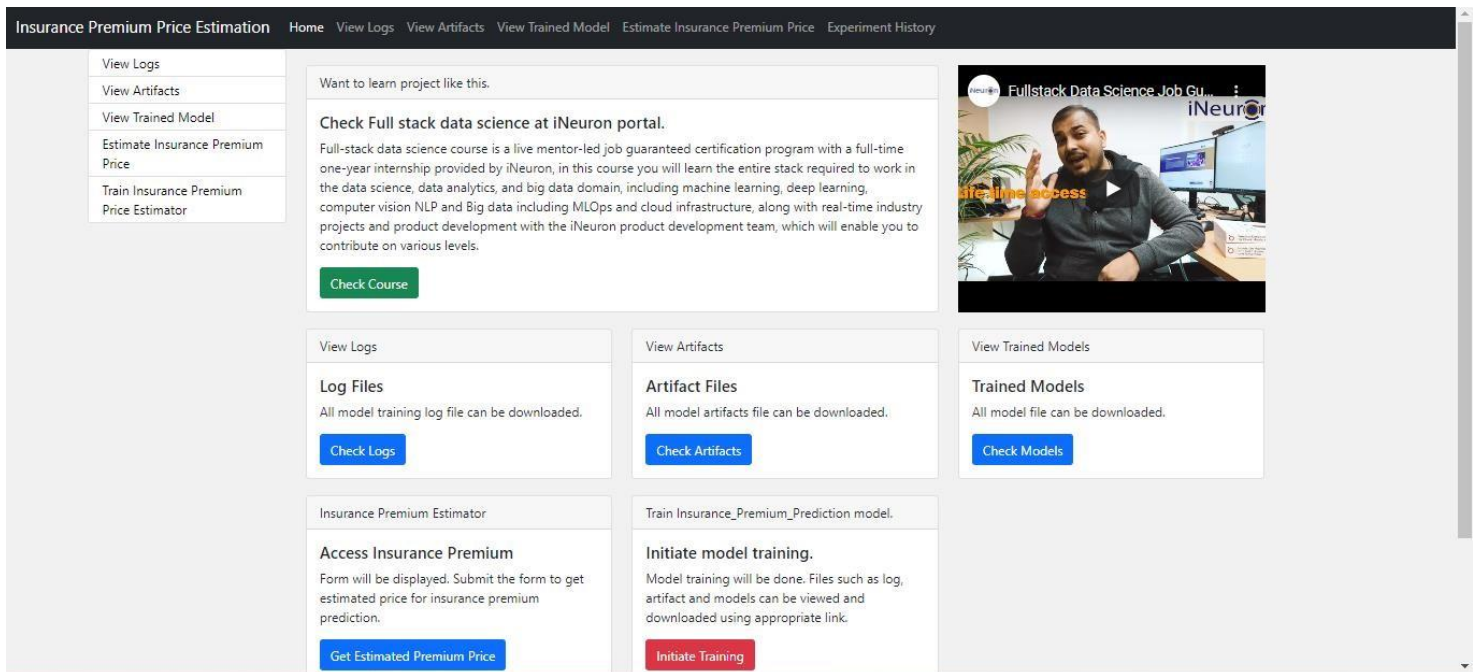


Danish Alam

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:

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

Insurance Premium Estimation Form

age

sex

smoker

bmi

children

region

[Predict Insurance Premium Value](#)

Insurance Premium price:

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

Insurance Premium Prediction

Go to [Home](#)


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 experiement records







View Logs

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



log_22-11-15-06-39-05.log [Download](#)

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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
[2022-06-02 09:45:58,266]:\$Traning_pipeline_config:TrainingPipelineConfig(artifact_dir='/app/insurancePremiumPrediction/artifact')\n
[2022-06-02 09:45:58,267]:\$Pipeline starting.\n
[2022-06-02 09:45:58,269]:\$Pipeline experiment: Experiment(experiment_id='ccca0661-e9a5-48b9-8ee1-ae0aacc178', initialization_timestamp='22-06-02-09-45-58', artifact_time_stamp='22-06-02-09-45-58', running_status=True, start_time=datetime.datetime(2022, 6, 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
[2022-06-02 09:45:58,277]:\$+----- Data Ingestion Log Started -----+\n
[2022-06-02 09:45:58,278]:\$Downloading file from :[https://drive.google.com/u/0/uc?id=1QuiH3YyUuQRMCh5T-ictME30_kh1H9x&export=download]\n
[2022-06-02 09:45:58,831]:\$File [https://drive.google.com/u/0/uc?id=1QuiH3YyUuQRMCh5T-ictME30_kh1H9x&export=download] has been downloaded successfully at /app/insurancePremiumPrediction/artifact/data_ingestion/22-06-02-09-45-58/zip_data/insurance.zip) . \n
[2022-06-02 09:45:58,831]:\$Extraction of data started from [/app/insurancePremiumPrediction/artifact/data_ingestion/22-06-02-09-45-58/raw_data]\n
[2022-06-02 09:45:58,833]:\$-----Extraction Completed -----+\n
[2022-06-02 09:45:58,857]:\$***** Data Ingestion Successfully *****\n
[2022-06-02 09:45:58,857]:\$***** Data Ingestion Log Completed. ***** \n
NaN
NaN
[2022-06-02 09:45:58,858]:\$***** Data Validation Log Started. *****\n
[2022-06-02 09:45:58,858]:\$***** Checking is Train and Test File is available or not. *****\n
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View Trained Models

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

Back

saved_models/20221115070435


model.pkl


f
t
G
@
in

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View Artifacts

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


artifact

f
t
G
@
in

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

[View Logs](#)[View Artifacts](#)[View Trained
Model](#)[Estimate Insurance
Premium Price](#)[Train Insurance
Premium Price
Estimator](#)[←Back](#)

InsurancePremiumPrediction/artifact



model_trainer



data_validation



data_ingestion



model_evaluation



experiment



data_transformation

