 House Rent Prediction

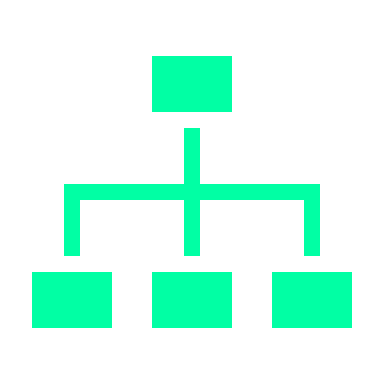
Documentation

Project Timeline



Time







Pandas Dataframe

Pre-processed Data

> Kmeans model clustering the location lat long attributes

> xgboost Regressor model fpr predicting the House rent

> Flask server which runs on port number 8080 in AWS cloud instance machine

> All routings connecting to different pages

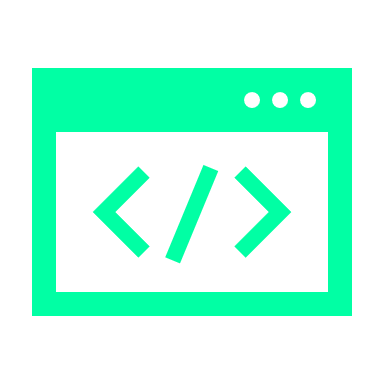
> A dedicated UI coded in HTML, CSS, Java script and twitter Boostrap

Data matrix csv

Predicted Data

output

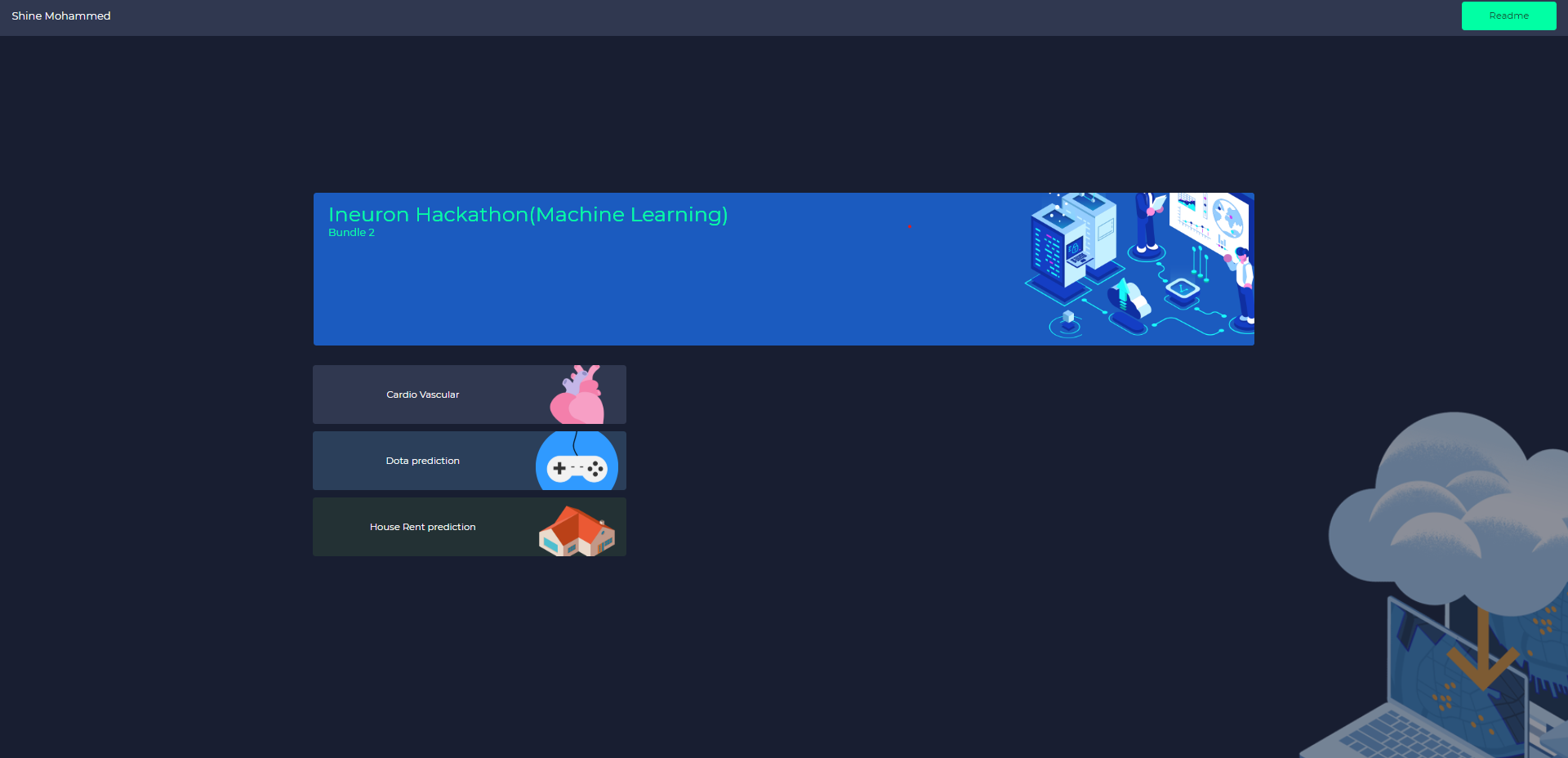
Application Structure



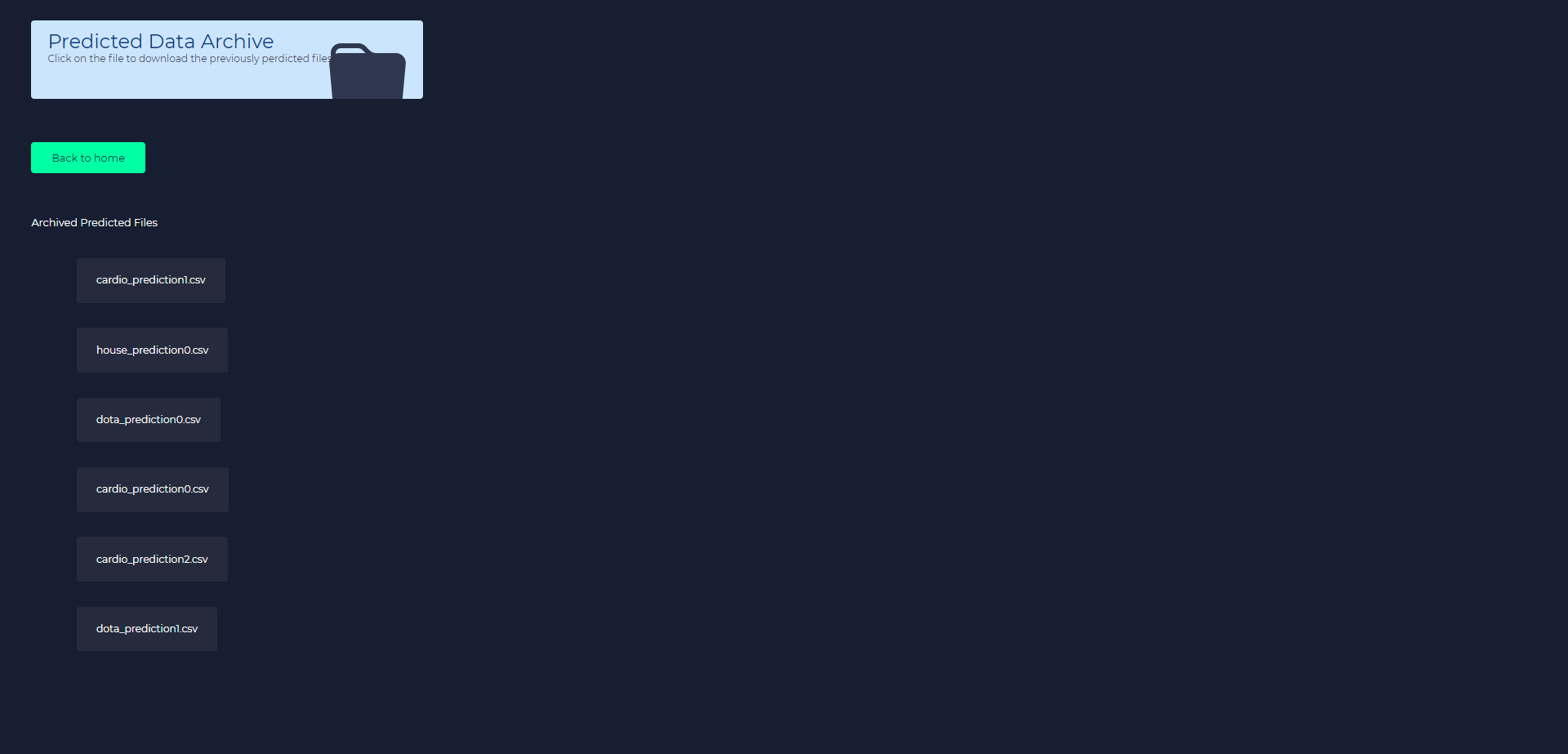
UI Documentation

Public\_url : <http://ec2-3-6-92-45.ap-south-1.compute.amazonaws.com:8080/>

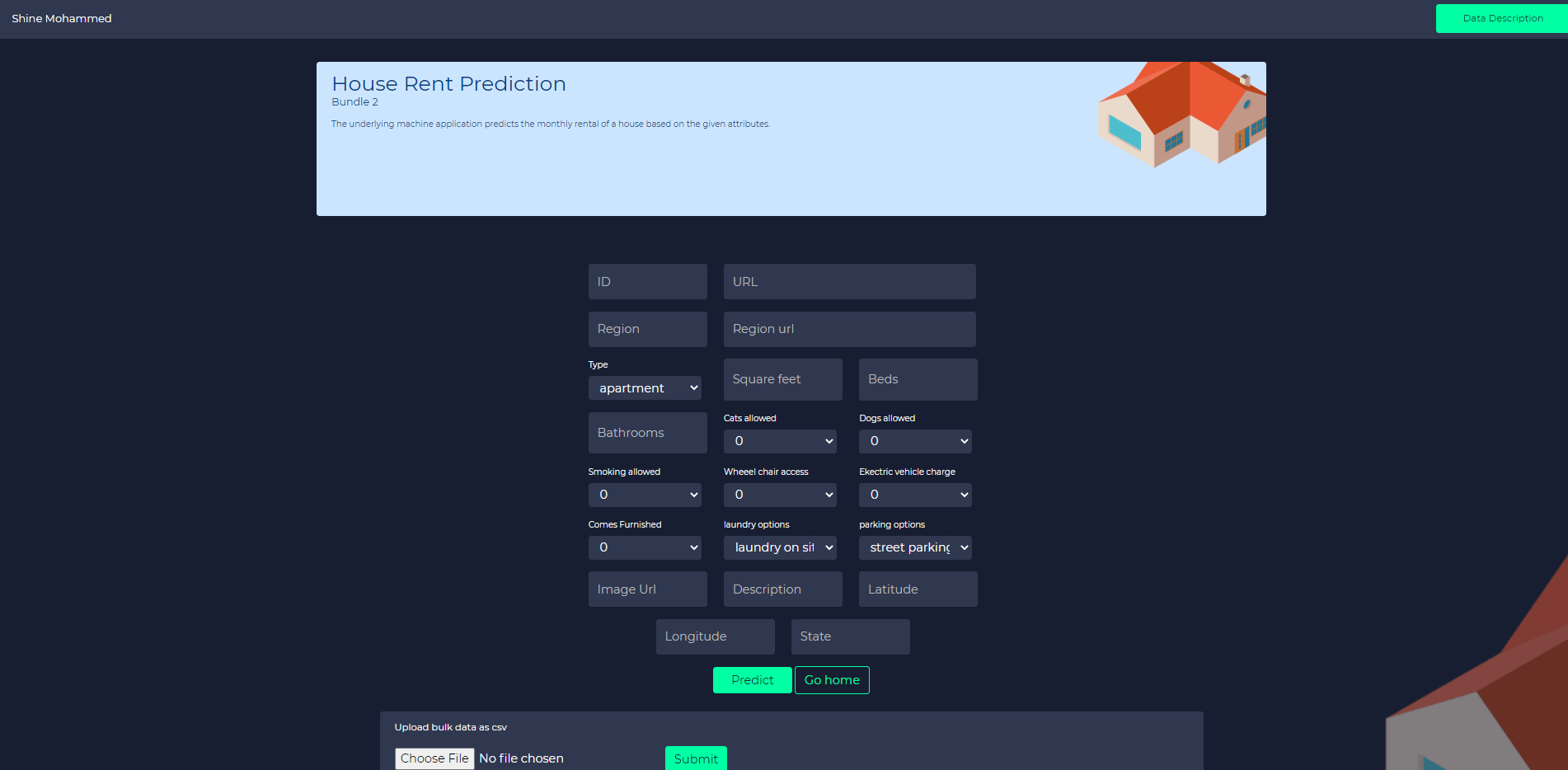
Dashboard : A well binded single UI dashboard is implemented to route to respective the model prediction page



Predicted archive files : One stop place for all previously predicted data, that the download will be triggered on click.



House Rent Prediction page : Dedicated web page u=is designed for easy prediction of data and as form values and bulk csv.



Data description page: A guideline page to show the data attributes and the sequence at which the csv file must be arranged.

