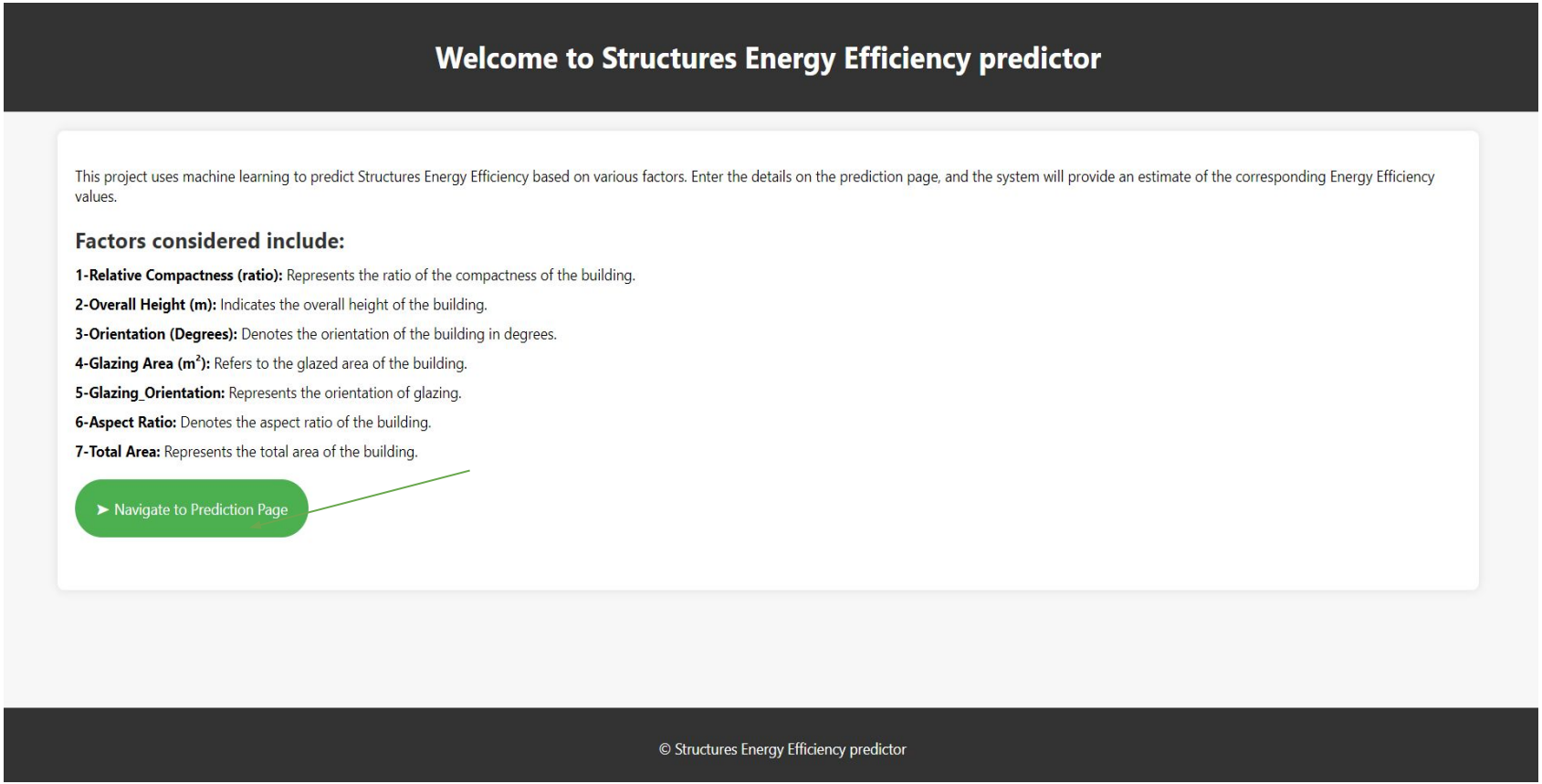
Structures Energy Efficiency Predictor (Wireframe Document)

A wireframe for a data science project is a visual representation of the project's workflow and how the different components interact with each other. It's similar to a blueprint for a house, but instead of rooms and walls, it shows the flow of data, the models being used, and the outputs generated.

Indexpage

Here is some information about the interface you see:



The image shows a webpage interface for “Structures Energy Efficiency predictor”.

- The interface uses machine learning to predict Structures Energy Efficiency based on various factors.

- Users are instructed to enter details on the prediction page, and the system will provide an estimate of the corresponding Energy Efficiency values.

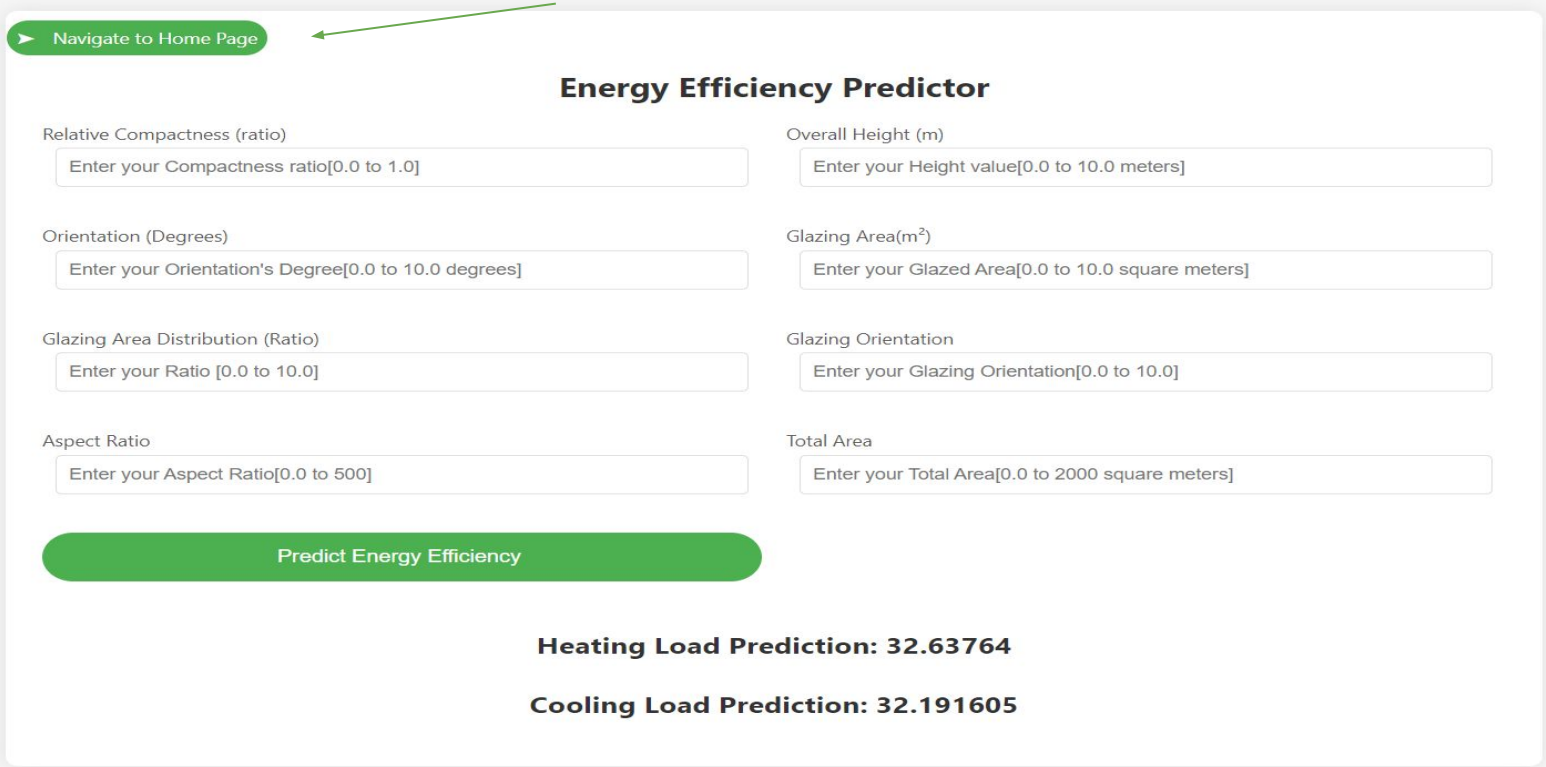
- There is a list of factors considered for predicting energy efficiency, including Relative Compactness, Overall Height, Orientation, Glazing Area, Glazing Orientation, Aspect Ratio, and Total Area.

- A green button labeled “Navigate to Prediction Page” is available for users to proceed with entering their details

To navigate to prediction page, Click on "Navigate to Prediction page"

HomePage

Here is some information about the interface you see:



The image shows a user interface of an online tool named ‘Energy Efficiency Predictor’.

- Various input fields are organized in two columns, each labeled with parameters related to building specifications like compactness, orientation, glazing area, etc., along with their units of measurement or range where applicable.

- A prominent green button at the center-bottom is designed for users to click after entering their data to predict energy efficiency.

- Results of predictions, specifically heating load prediction and cooling load prediction values, are displayed below the green button.

-The top left corner has a “navigation to home page” button leading back to the home page.