UNIVERSITY ADMIT ELIGIBILITYPREDICTOR

Team ID : PNT2022TMID32417
Project Name : UNIVERSITY ADMIT ELIGIBILITY PREDICTOR

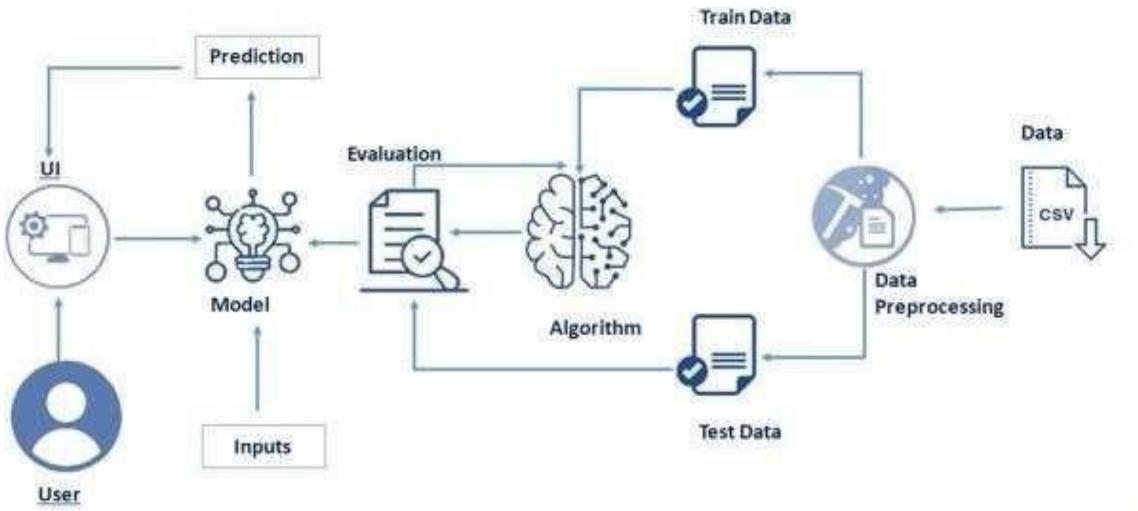
Project Flow

- User who is a student interact with our user interface and enter the required details like GRE, TOFEL scores, LOR, SOP
- The entered data is analysed by the model which is integrated
- Once model analyses the input the prediction is displayed on the user interface

The following steps are followed for building our application

- Data Collection.
  - Collect the dataset and import it into our python notebook
- Data Pre-processing.
  - Import the Libraries.
  - Checking for Null Values.
  - Data description
  - Data Visualization.
  - Handling Missing Data
  - Splitting Data into Train and Test set.
- Model Building
  - Training and testing the model
  - Evaluation of Model
- Application Building
  - Create html jinja templates
  - Import saved models, necessary libraries
  - Build Database models (orm layer mapping for data base tables)
  - Connect to postgresql database
  - Write functions to handle http requests to URLs

Diagram:


Train Data
Prediction
Data
UI
Evaluation
CSV
Model
Algorithm
Data
Preprocessing
Test Data
Inputs
User