TEAM ID: PNT2022TMID21686
PROJECT: University Admit Eligibility Predictor

OBJECTIVE:

What if a system existed that could direct students, suggest the finest universities, and forecast their chances of admission based on their profiles and test results? Considering the above, the concept behind the "University Admit Eligibility Predictor" is as follows.
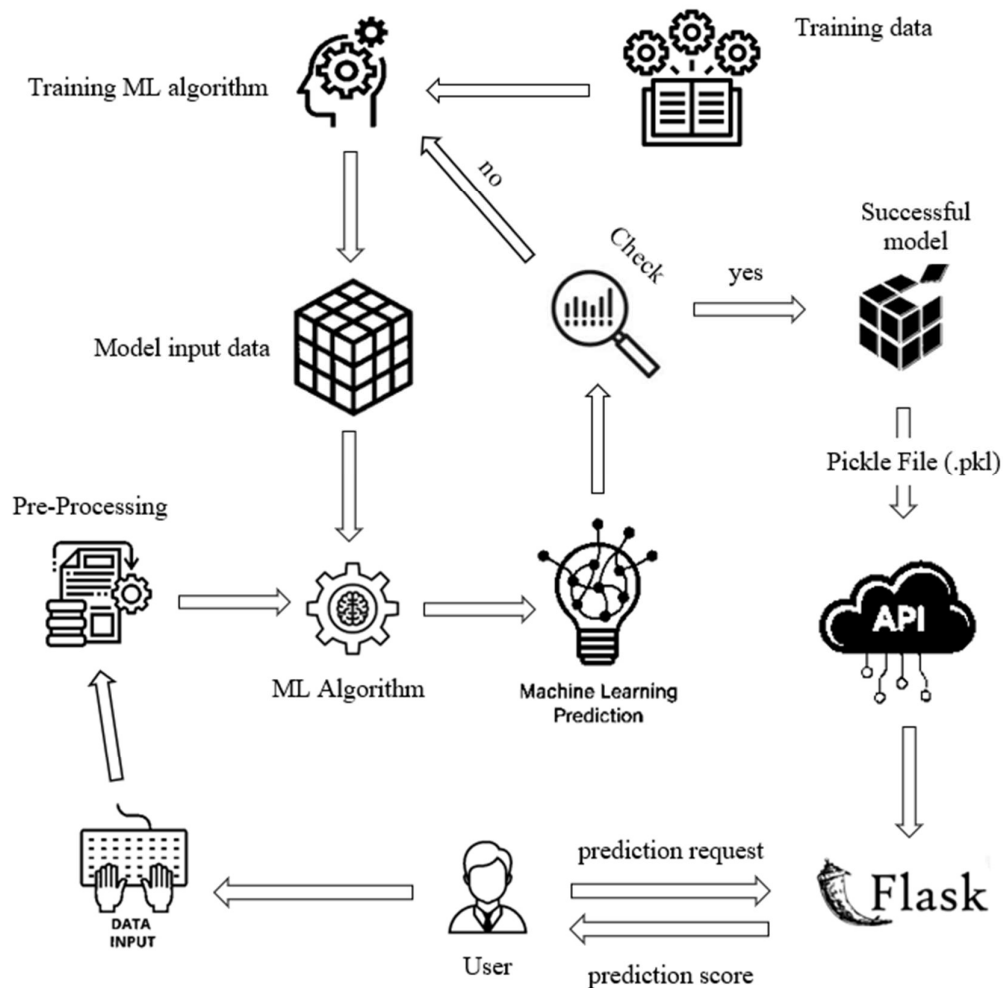
Many students wish to enrol in a degree program at an institution of sufficient calibre. Some of you might like conducting independent college searches. Finding the ideal university in such circumstances is a really difficult endeavour. On those so-called "university hunt" websites with all the information about universities across the world, we look for universities that meet our criteria. To use the "University Predictor" component of these websites, which is typically a paid section, you must enter your information.

I demonstrate how to create your own university admission eligibility predictor, which estimates your odds of admission to the target institution. This model can also be used before tests so that you are aware of the minimum score needed to get admitted to the university of your choice. You can therefore set your academic goals in this manner.

SOLUTION ARCHITECTURE:

- The system shortlists the colleges by comparing the student's marks and the college's cut-off, hence this solution aids students in getting the list of colleges to which they can apply.
- When compared to the current system, the likelihood of an error occurring is lower.
- First, fill in the fields with the scores.
- Next, ask the web application for the prediction.
- A list of colleges based on scores is returned.
- The eligibility score is predicted.
- Advising students on the best universities to attend based on their GRE, GPA, and TOEFL scores and estimating their likelihood of admission

SOLUTION ARCHITECTURE DIAGRAM:

SCALABAILITY:

- With the aid of accurate data and a small dose of reality check on your academic performance, credentials, work experience, and superiority over your peers, this will also assist you in finalizing your dream schools with a realistic route map.
- On the other hand, we have experts who will work with you to increase the likelihood that you will receive offers by making sure the colleges you apply to don't stray from your profile and, most importantly, your ambition.
- However, thanks to the prevalence of open-source technology, analytics solutions are increasingly accessible and becoming more reasonably priced.
- The secret is to spend money on analytics experts who can successfully contribute to the entire process.
- For both kids and teachers, privacy and ownership are other issues.

RELIABILITY:
- Students must put up a lot of effort and perseverance to complete the entire application process because applying to universities is a difficult task.
- It appears that students have a lot of work to do as they get ready for the application process.
- If students were relieved of the responsibility of choosing the top schools and institutions for their applications, life would be much simpler for them.
- This would motivate them to put their all into the other application materials so that their candidacy would be strong enough to be chosen.
- Unless there is a system failure or upgrade work to be done, this system must be always fully functional.
- Downtime following a failure is limited to 24 hours.

PERFORMANCE:

- This system can accommodate any quantity of users concurrently.
- Over a 56 Kbps modem connection, the average amount of time it takes to see a webpage is 5 seconds.

SECURITY:

- The system uses the strong authentication system to the website for all students & admin.

USABILITY:

- The website can be used without any training.
- Within 10 seconds, the form, home, about, FAQ, and analysis pages have loaded.
- It should not take more than 30 seconds to receive the predictor's results.