

## Project Design Phase-I Solution Architecture

Date	8 September 2022
Team ID	PNT2022TMID33252
Project Name	University Admit Eligibility Test
Maximum Marks	4 Marks

### Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- The aim of this research is to develop a system using machine learning algorithms, we will name it as Student Admission Predictor (SAP).
- It will help the students to identify the chances of their application to an university being accepted.
- Also it will help them in identifying the universities which are best suitable for their profile. And also provide them with the details of those universities.
- A simple user interface will be developed for the users to access the SAP system.
- The system design develops the architectural detail required to build a system. As in the case of any systematic approach, this software has undergone the best possible design phase fine tuning all efficiency, performance and accuracy levels.

Keywords: Student Admission Predictor; Machine Learning; Data Mining

### Example - Solution Architecture Diagram:

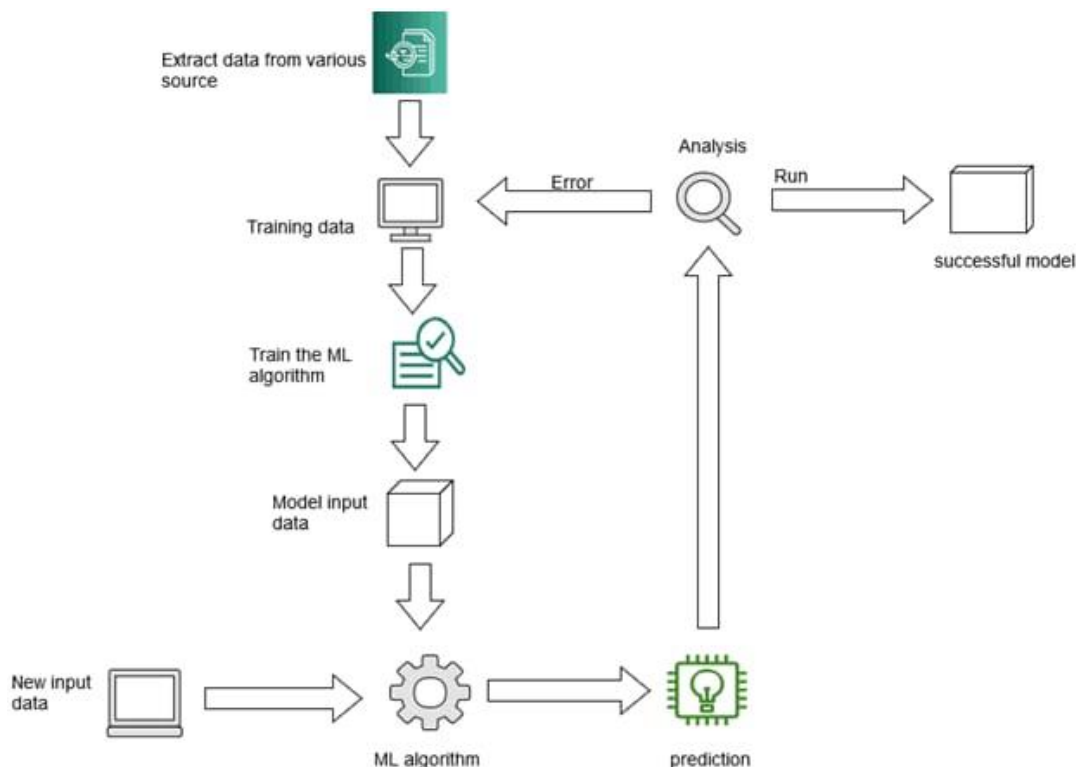
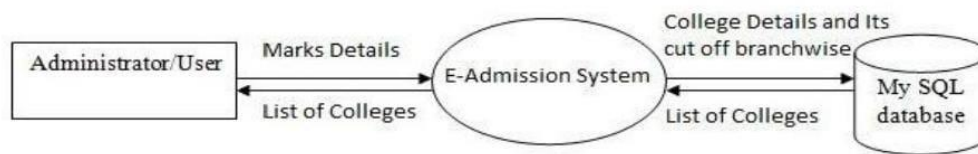


Figure 1: University Admit Eligibility Test Architecture Diagram.



**Figure 2: DATA FLOW DIAGRAM.**

- Register: Student will register themselves to the system by providing name, email ID, marks etc.
- View College: Student will be provided an option to show colleges near him and will show all the colleges based on his score.
- View Profile: Can view their own profile details.
- Feedback: Student can send the feedback to notify the admin about the system