

Project Design Phase-I

Solution Architecture

Date	07 November 2022
Team ID	PNT2022TMID27596
Project Name	University Admit Eligibility Predictor
Maximum Marks	4 Marks

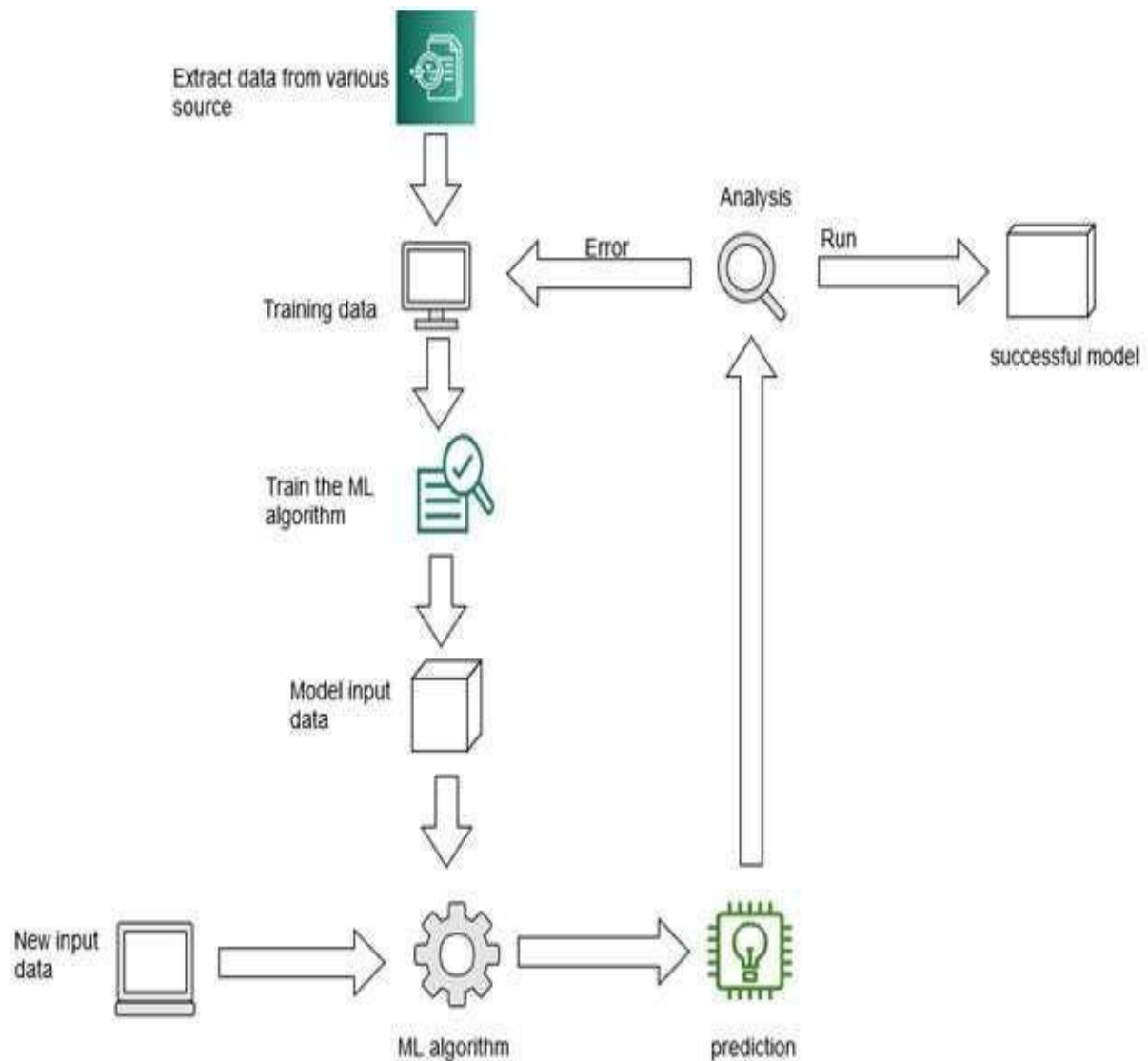
Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. A **solution architect** is in charge of leading the practice and introducing the overall technical vision for a particular solution. Its goals are to:

- Find the best tech solution to solve existing business problems.
- Describe the structure, characteristics, behaviors, and other aspects of the software to project stakeholders.
- Define features, development phases, and solution requirements.
- Gives the details as indicated by which the arrangement is characterized, managed, and delivered.
- Matching solutions with the corporate environment.

A solution architect needs to facilitate clear communication at the intersection of business needs and technology solutions. The Solution Architecture Definition document should be treated as an evolving document throughout the project. It is important to keep the content up to date especially when the projects span over multiple releases.

Example - Solution Architecture Diagram:



Architecture Diagram for University Admit Eligibility Predictor using Machine Learning