

## Project Design Phase

### Solution Architecture

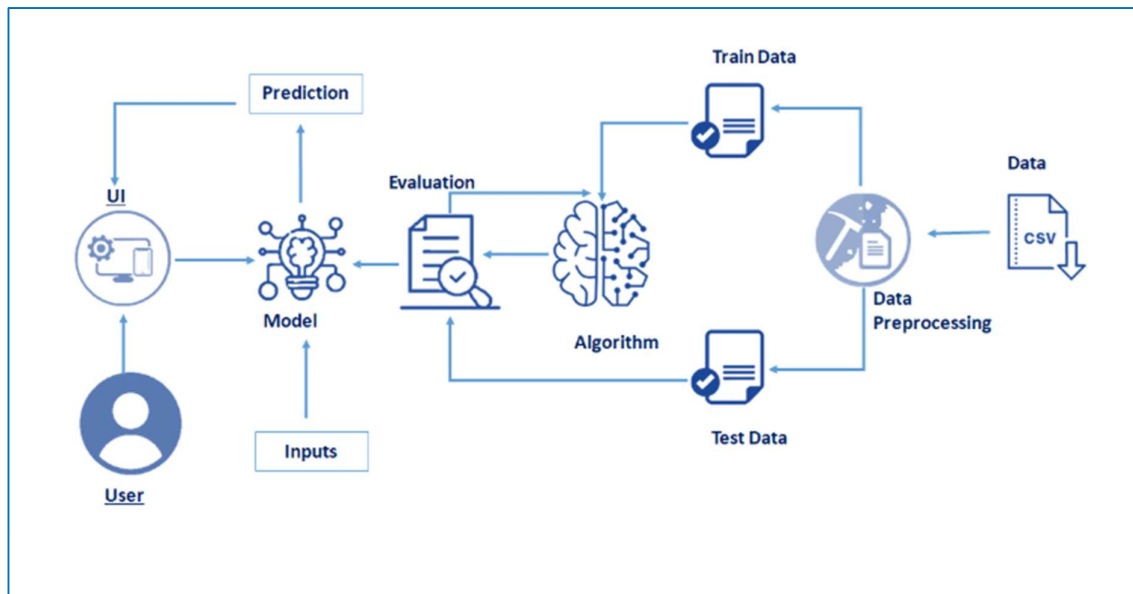
Date	26 June 2025
Team ID	LTVIP2025TMID32654
Project Name	TrafficTelligence: Advanced Traffic Volume Estimation with Machine Learning
Maximum Marks	4 Marks

#### 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:

- Find the best tech solution to solve existing business problems.
- Describe the structure, characteristics, behavior, and other aspects of the software to project stakeholders.
- Define features, development phases, and solution requirements.
- Provide specifications according to which the solution is defined, managed, and delivered.

#### Solution Architecture Diagram:



- Best solution to estimate traffic is to use AI/ML
- For this we use python programming, HTML and flask framework.
- This application will enable us to enter the parameters and get the estimated traffic.