

Project Design Phase Solution Architecture

Date	15 February 2025
Team ID	LTVIP2025TMID33015
Project Name	Traffic Telligence: Advanced Traffic Volume Estimation Using 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.

Example - Solution Architecture Diagram:

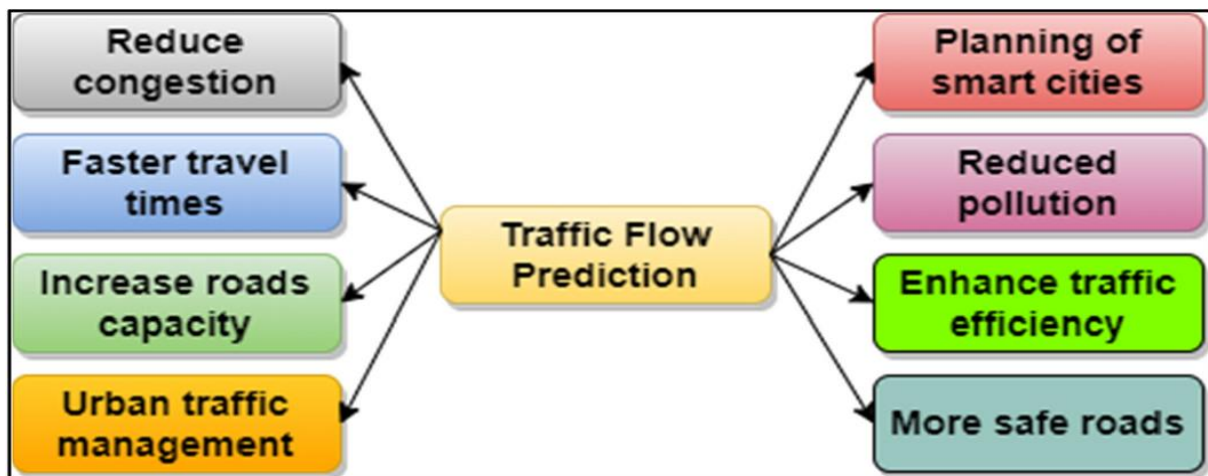


Figure 1: Architecture and data flow of traffic volume estimation

Reference: Traffic Volume Estimation Based on Spatiotemporal Correlation
Adaptive Graph Convolutional Network