PROJECT DESIGN PHASE

Problem-Solution Fit

Date	28-06-2025
Team ID	LTVIP2025TMID45015
Project Name	TrafficTelligence: Advanced Traffic Volume Estimation with Machine Learning
Maximum Marks	2 marks

Traffic congestion is a significant challenge in growing cities, affecting daily commuters, logistics services, and emergency response systems. The lack of predictive systems for anticipating traffic volume leads to delays, fuel wastage, and increased stress among commuters.

TrafficTelligence directly addresses this issue by:

- Empowering daily commuters to check expected traffic conditions and plan accordingly
- Assisting urban planners with historical trend-based data-driven insights, Offering educational use for AI/ML students learning realworld problem-solving with traffic data

