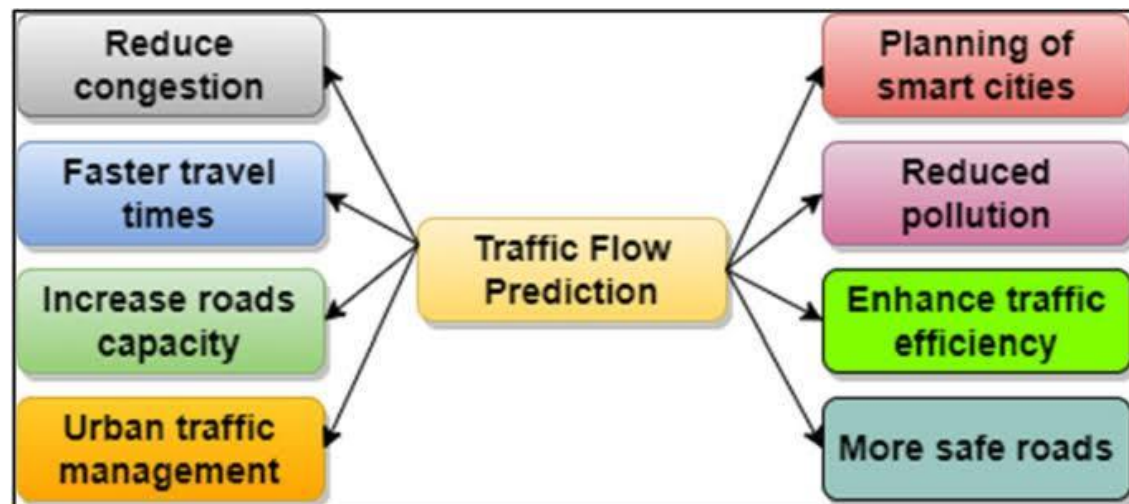# Brainstorm of Traffictrafficttelligence : Advanced traffic volume estimation with machine learning Template

Date	27 Jun 2025
Team ID	LTVIP2025TMID40374
Project Name	Tratraffictelligence: advanced traffic volume estimation with machine learning
Maximum Marks	4 Marks

Trafficttelligence Template:
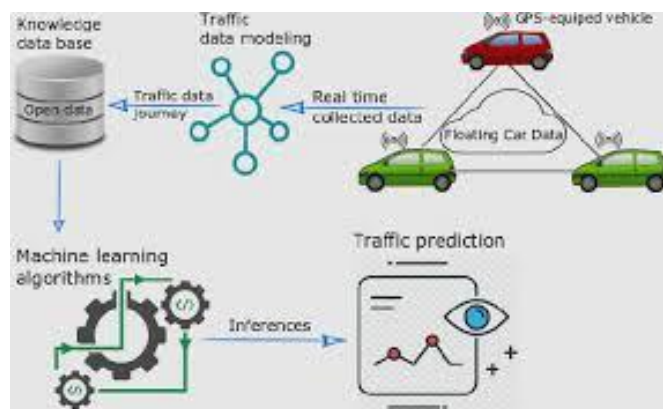
1. **Brainstorm Sticky Notes Layout**
   The future of transportation is likely to include a variety of advanced technologies such as self-driving cars, drones, and maglev trains. These innovations aim to lower carbon emissions, enhance autonomous travel, and improve safety and efficiency, particularly in urban
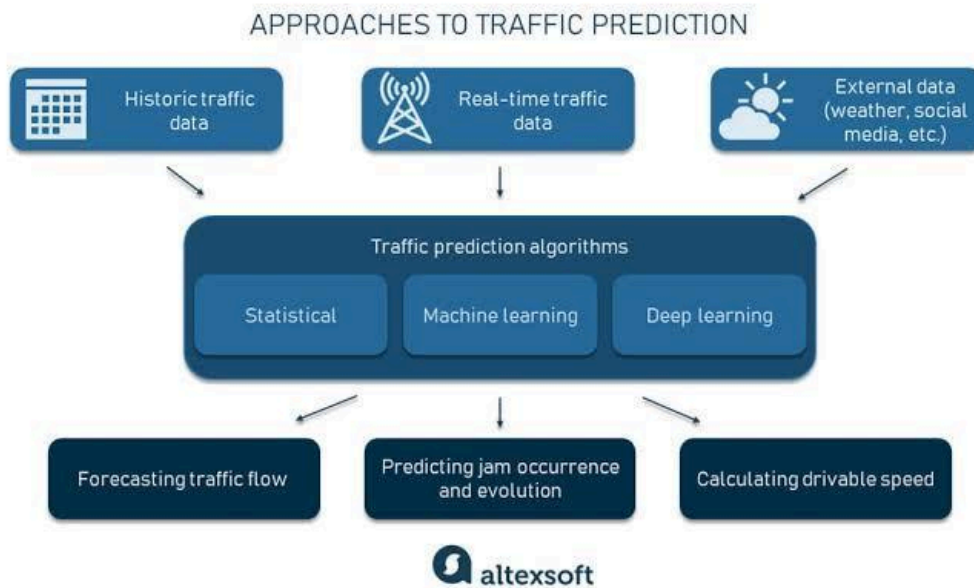

Reference:
https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://www.youtube.com/watch%3Fv%3DGCqnqgWtOpA&ved=2ahUKEwja8s37wY-OAxVQn2MGHdzOOsgQwqsBegQIFBAG&usg=AOvVaw2Y91Fi-Y09QqB6vrujHmeu

Step-1: Team Gathering, Collaboration and Select the Problem Statement

Step-2: Brainstorm, Idea Listing and Grouping

APPROACHES TO TRAFFIC PREDICTION

Historic traffic data

Real-time traffic data

External data (weather, social media, etc.)

Traffic prediction algorithms

Statistical

Machine learning

Deep learning

Forecasting traffic flow

Predicting jam occurrence and evolution

Calculating drivable speed

altexsoft

Step-3: Idea Prioritization

2

(in millions)

1.439   1.483   1.483   1.554   1.540