ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
PROJECT REPORT

Title: Smart Tracity

Team No: **Section:** 2A

Problem Statement:

Nowadays, people are facing issues in traffic mainly in metropolitan cities like Hyderabad. However this approach helps the user to find the best time to start and route to avoid traffic, which can greatly affect the traffic problems and help people for better journey.

Aim:

Our aim is to create application that can recommend best time to start so that they reach before the time reaches out. This application would need to examine the status of traffic and also data which will be given previously and suggest the time to start and also better route to avoid traffic.

Algorithm Used:

AI algorithms in smart city management process real-time and history of traffic data learn patterns form those data sources and predict the traffic conditions and suggest the optimal changes need to be make and also routes to avoid traffic.

Integration with AI:

- **Data Sources:** Collects historical traffic data.
- **AI Models:** Uses machine learning algorithms to predict the traffic and give optimal suggestions. And also Deep learning and Geospatial analysis

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