

## TrafficTelligence: Advanced Traffic Volume Estimation with ML

This project predicts traffic volume using machine learning models by analyzing historical and real-time traffic data.

### Project Structure:

- data/: Raw and processed traffic datasets.
- notebooks/: Jupyter notebooks for EDA and training.
- src/: Python scripts for preprocessing, training, and prediction.
- models/: Saved ML models.
- outputs/: Charts, metrics, and final results.
- docs/: Final project report.

### Setup:

```
pip install -r requirements.txt
```

### Run:

```
python src/train.py
```