TrafficTelligence:Advanced Traffic Volume Estimation With Machine Learning

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Project Flow

User interacts with the UI to enter the input.
Entered input is analysed by the model which is integrated.
Once model analyses the input the prediction is showcased on the UI

To accomplish this, we have to complete all the activities listed below,

- Data collection.
  - Collect the dataset or
  - Create the data set
- Data Pre-processing
  - Import the libraries
  - Importing the dataset
  - Data visualization.
  - Taking care of Missing data
  - Feature scaling.
  - Splitting Data into Train and Test
- Model Building
  - Import the model building libraries
  - Initializing the model
  - Training and testing the model
  - Evaluation of model
  - Save the Model
- Application Building
  - Create an HTML file
  - Build a Python code
  - Run the app