

Arowwai Industries

TRAFFICTELLIGENCE: ADVANCED TRAFFIC VOLUME ESTIMATION WITH MACHINE LEARNING

Balancing Innovation and Responsibility

www.reallygreatsite.com

ABOUT US

Project Objectives

By the end of this project:

- You'll be able to understand the problem to classify if it is a regression or a classification kind of problem.
- You will be able to know how to pre-process/clean the data using different data pre-processing techniques.
- You will be able to analyze or get insights into data through visualization.
- Applying different algorithms according to a dataset and based on visualization.
- You will be able to know how to find the accuracy of the model.
- You will be able to know how to build a web application using the Flask framework.



PROJECT FLOW

Project Flow

User interacts with the UI (User Interface) to enter the input values.

Entered input values are analyzed by the model which is integrated.

Once the model analyses the input the prediction is showcased on the UI.

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

Data Collection.

Collect the dataset or Create the dataset

Data Pre-processing.

Import the Libraries.

Importing the dataset

OUR MISSION

- Application Building
- In this section, we will be building a web application that is integrated into the model we built. A UI is provided for the user where he has to enter the values for predictions. The entered values are given to the saved model and prediction is showcased on the UI.

This section has the following tasks

- Building HTML Pages
- Building server-side script





PROCESS

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GOALS

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INTELLIGENCE

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ACHIEVEMENT

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THANK YOU!

FOR YOUR ATTENTION

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