Model Development Phase Template

Date	20 JULY 2024
Team ID	SWTID1720014187
Project Title	TrafficTelligence: Advanced Traffic Volume Estimation With Machine
Maximum Marks	5 Marks

Feature Selection Report Template

In the forthcoming update, each feature will be accompanied by a brief description. Users will indicate whether it's selected or not, providing reasoning for their decision. This process will streamline decision-making and enhance transparency in feature selection.

Feature	Description	Selected (Yes/No)	Reasoning
holiday	Tells whether a particular day is a holiday or not	No	Converted it to numerical data using lambda apply function in the form of 0's and 1's
temp	Describes about the temperature	No	Already in numerical data
rain	Whether it is raining or not	No	Already in numerical data

snow	Whether it is snowing or not	No	Already in numerical data
weather	Tells about the weather condition	Yes	To give different weather conditions a particular number using label encoding for easy processing
date	Particular date	No	Already in numeric data
time	Particular time	No	Already in numeric data
traffic volume	About traffic volume	No	Already in numeric data