Minor Project

USED CAR'S PRICE PREDICTION

PROJECT DESCRIPTION OUR PROJECT HELP THE BUYER OF

OUR PROJECT WISE HELP THE BUYER OF USED CAR TO GET THE CAR AT RIGHT PRICE AND WILL ASSIST BUYER TO HAVE CLEAR PRICE OF CAR TO NEGOCIATE UPON WITH THE SELLER BY USING OUR PRODUCT WHICH PREDICT THE ACCURATE PRICE OF USED CAR .

WORKING OF PROJECT

USER JUST HAVE TO ENTER SOME PRESENT FEATURE ABOUT THE CAR AND AFTER THAT OUR MACHINE LEARNING WILL GIVE PREDICTED VALUE OF CAR PRICE .

UNIQUE PROPOSITION

- IT GIVES THE BUYER CLEAR ESTIMATED PRICE .
- BUYER DON'T NEED TO ASK PEOPLE FOR WHETHERE HE IS GETTING RIGHT PRICE OR NOT
- NO NEED TO PAY TO ANYBODY FOR GETTING PRICE BY SEEING CONDITION OF CAR .
- PROCESS OF PRICE PREDICTION IS EASY
- PRICE IN OUR IS ACCURATE .

USED ALGORITHM

LINEAR REGRESSION

- SIMPLE LINEAR REGRESSION
- MULTIPLE LINEAR REGRESSION

OUR DATASET

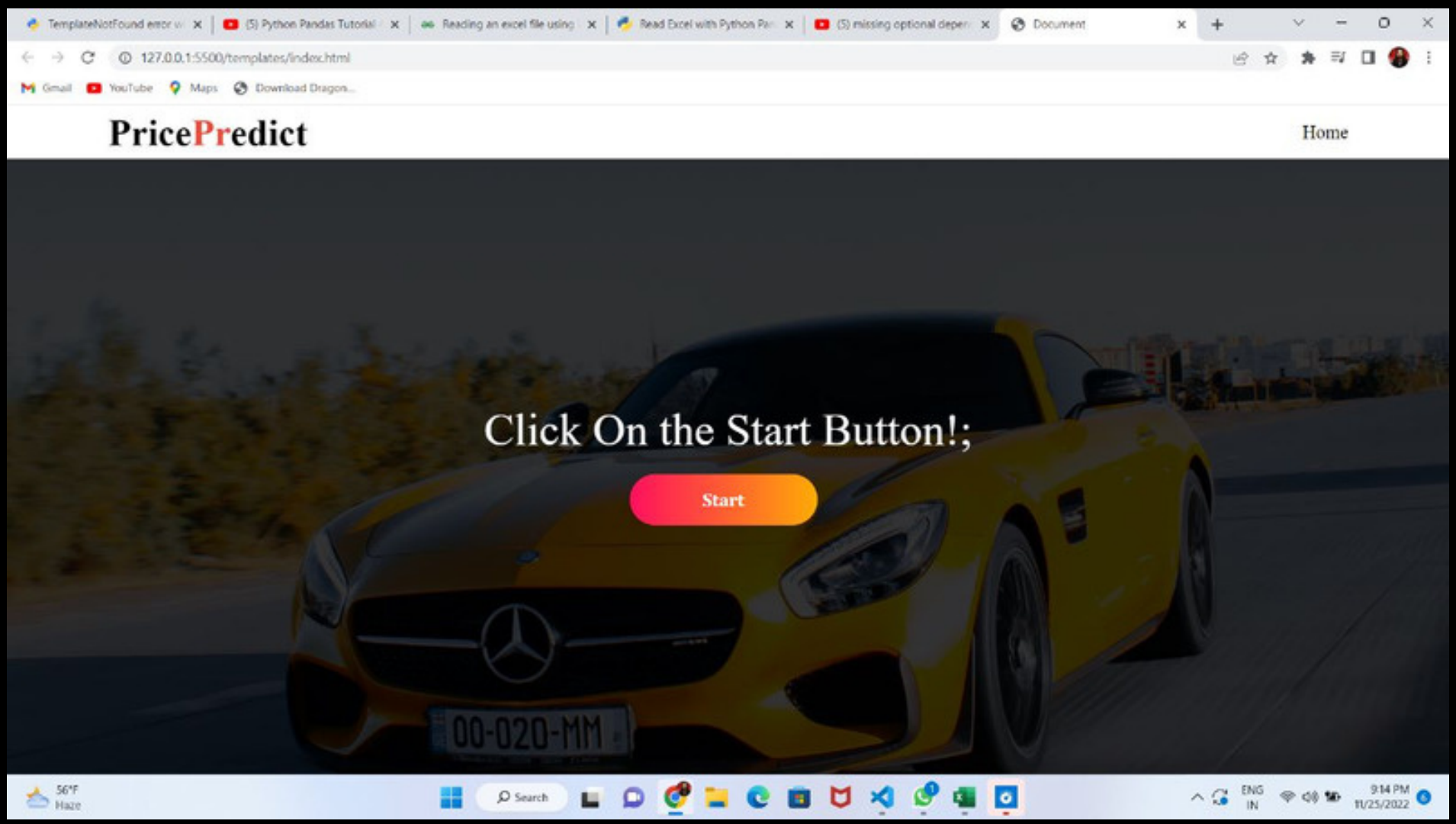
	name	company	year	Price	kms_driven	fuel_type
0	Hyundai Santro Xing	Hyundai	2007	80000	45000	Petrol
1	Mahindra Jeep CL550	Mahindra	2006	425000	40	Diesel
2	Hyundai Grand i10	Hyundai	2014	325000	28000	Petrol
3	Ford EcoSport Titanium	Ford	2014	575000	36000	Diesel
4	Ford Figo	Ford	2012	175000	41000	Diesel
...	...	...	...	...	...	...
811	Maruti Suzuki Ritz	Maruti	2011	270000	50000	Petrol
812	Tata Indica V2	Tata	2009	110000	30000	Diesel
813	Toyota Corolla Altis	Toyota	2009	300000	132000	Petrol
814	Tata Zest XM	Tata	2018	260000	27000	Diesel
815	Mahindra Quanto C8	Mahindra	2013	390000	40000	Diesel

816 rows × 6 columns

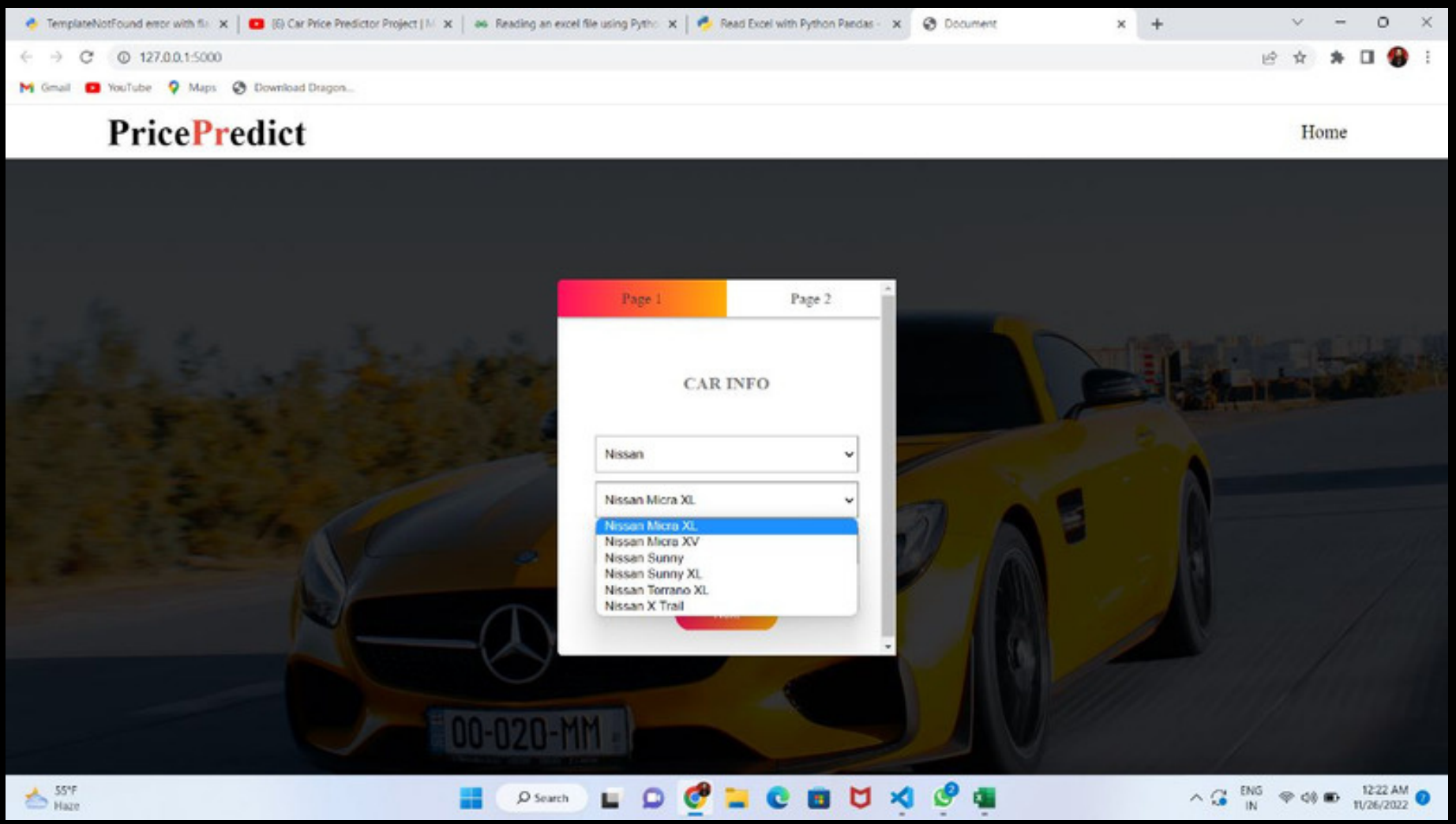
PROCESS OF BUILDING ML MODEL

- DATA PREPROCESSING
- ONEHOTENCODING
- TRAIN TEST SPLIT
- FIT THE MODEL
- GENERATE PREDICTIONS
- ACCURACY
- VISUALIZATION

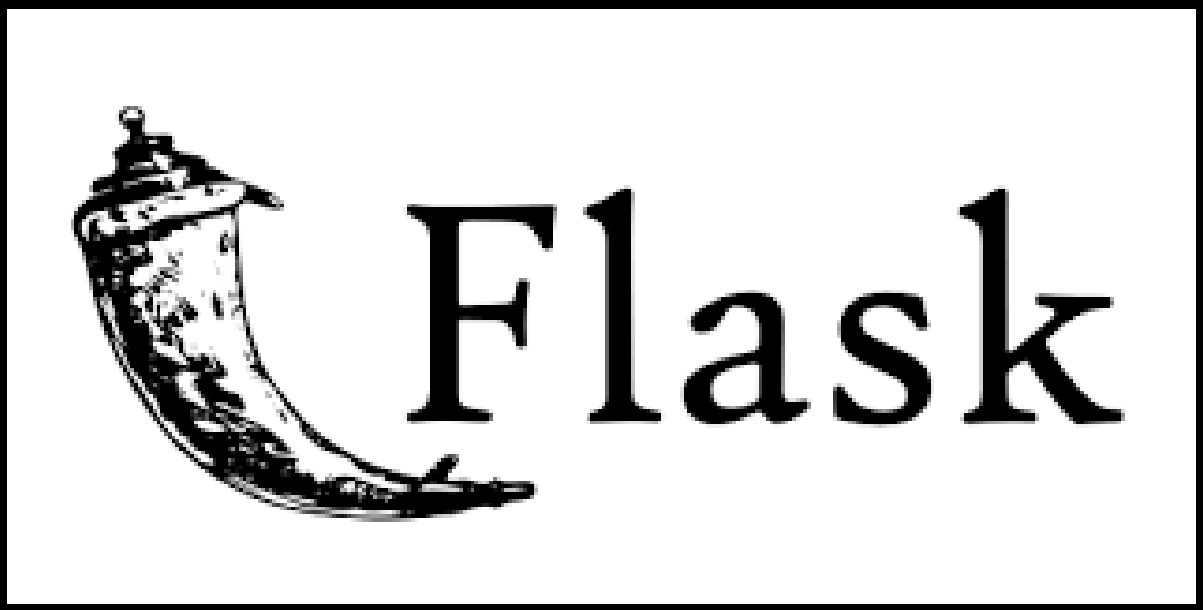
WEBSITE LOOK



ENTER YOUR DETAILS



BACKEND



FUTURE VISION

In the future the system are often furthur improved using more factors like :-

- Deep Learning
- Big Data

our team also decided to improve our product by including price prediction for the two wheeler also in our website.

CONCLUSION

- USED CARS PRICE PRIDICTION SYTEMBY USIG A MACHINE LEARNING ALGORITHM.BYUSING REGRESSION MODEL.
- THE PEOPLE WHO WANTS TO BUY A USED CARS WILL BE BENFITTED.
- OUR MACHINE LEARNING MODEL WILL MAKE EASIER FOR THE BUYER AS WELL AS THE SELLER TO ESTIMATE THE CORRECT PRICE OF THE FOUR VEHICLE ACCORDING TO THE CONDITION OF THE CAR.

TEAM MEMBERS NAME

Devashish Upadhyay
Vikas Verma
Ayushi Prajapati
Ankit Solanki
Abhishek Mandal
Divyanshu Shivhare
parag Agarwal

THANK YOU