**Price Estimation of Used Cars**

END TERM REPORT

***By***

**Rishabh Sen-55**

**Garvit joshi-51**

**Parth Sharma-59**

**Mridul Pal-52**

K18KY



Department of Intelligent Systems

School of Computer Science Engineering

Lovely Professional University, Jalandhar

April-2020

**Student Declaration**

This is to declare that this report has been written by me/us. No part of the report is copied from other sources. All information included from other sources have been duly acknowledged. I/We aver that if any part of the report is found to be copied, I/we are shall take full responsibility for it.

Garvit Joshi

Roll Number: 51

Parth Sharma

Roll Number: 59

Rishabh Sen

Roll Number: 55

Mridul Pal

Roll Number:52

Jalandhar, Punjab

06/04/2020

**TABLE OF CONTENTS**

1. **Introduction ……………………………………………. 4**
2. **The Problem ……………………….…………………...**
3. **The Data ………………………………….…………….**
4. **Bonafide Certificate …………………………………..**

**The Introduction**

The Project was made for price estimation of used cars. The project uses many aspects to find the right price of a car for second hand purposes, it uses fuel type, car body,, door numb, car body, wheelbase, engine located, car length, stroke, fuel system, compression, horse power and many more.

**The Background**

The code in made in such a way that we can look at the aspects of a car in the form if visuals we used a dataframe to collect data from a .csv file. This will help us to understand our data better and give us some clue about pattern in data.

**The Motivation**

We came to know there is always a need for second hand cars, for those who cannot afford a new can, so to get rid of the problem we created this model to make

**The Problem**

The prices of new cars in the industry is fixed by the manufacturer with some additional costs incurred by the Government in the form of taxes. So, customers buying a new car can be assured of the money they invest to be worthy. But due to the increased price of new cars and the incapability of customers to buy new cars due to the lack of funds, used cars sales are on a global increase. There is a need for a used car price prediction system to effectively determine the worthiness of the car using a variety of features. Even though there are websites that offers this service, their prediction method may not be the best. Besides, different models and systems may contribute on predicting power for a used car’s actual market value. It is important to know their actual market value while both buying and selling.

**The Data**

The Data Used in This Project was taken from github.com, due to lack of .csv files. I altered the data so that I can test my program with different set of data.

There Were Many Factors that include for price estimation of used cars. We kept the factors in mind a developed the source code, which takes in mind all aspects of a car, such as dents, paint, volume, occupancy and many more.

The Data Is Present in “CarPrice\_Assignement.csv”.

**BONAFIDE CERTIFICATE**

Certified that this project report Price Estimation of used Cars is the bonafide work of Garvit Joshi, Rishabh Sen, Parth Sharma, Mridul Pal who carried out the project work under my supervision.

Miss Shabnam Sajwan

Assistant Professor

25660

Department of Intelligent System

School of computer Science and Engineering