Domain: Applied Data Science
Project: Car Resale Value Prediction
Team Size :5
Team Leader: V Sayeesh
Team Members:S Sriramulu,U DiveeshSai,T Saikiran,V Nirmal Varma

TITLE: Tu Weixing. Research on Used Car Evaluation System[J]

AUTHOR: Nanjing: Nanjing Forestry University

In order to meet the needs of second-hand car value assessment, the used car value assessment system has been designed based on the improved replacement cost method. The system includes system management module, used car parameter management module, used car evaluation management module and evaluation information inquiry module. We enter the relevant basic information of second-hand car information, and figure out the used car's new rate, the purchase price and the selling price through the calculation to the system.

TITLE: Determinants of used vehicle resale value.

AUTHOR: Richardson, M. S

YEAR: 2009

 In his theory it states more durable vehicles will be produced by vehicle producer. He compared the hybrid vehicles and traditional vehicles in hoe it actually retains their value for longer time using multiple regression techniques. This improves the environmental conditions, and also it helps to provide huge efficiency of using fuels.

TITLE: Used Cars Price Prediction.

AUTHOR: Pattabiraman Venkatasubbu et al

YEAR: 2007

This paper is more concentrated on the relation between seller and buyer. In order to predict the price of four wheelers, more features are required such as already given price, mileage, make, model, trim, type, cylinder, liter, doors, cruise, sound, leather. Using these features the price of vehicle has been predicted with the help of statistical analysis system for exploratory data analysis.

TITLE: An expert system of price forecasting for used vehicles using adaptive neuro-fuzzy inference.

AUTHOR: Wu, et al

YEAR: 2009

this paper they have used neuro fuzzy knowledge based system to demonstrate vehicle price prediction. By considering the following attributes such as brand, year of production and type of engine they predicted a model which has similar results as the simple regression model. Moreover, they made an expert system named ODAV (Optimal Distribution of Auction Vehicles) as there is a high demand for selling the by vehicles at the end of the leasing year by vehicle dealers. This system gives insights into the best prices for vehicles, as well as the location where the best price can be gained. To predict a price of vehicles, the K – nearest neighbor machine learning algorithm has been used which is based on regression models. More number of vehicles has been exchanged through this system so this particular system is more successfully managed.