Vehicle Price Prediction System using Machine Learning Techniques

Abstract

This paper presents a vehicle price prediction system by using the supervised machine learning technique. The research uses multiple linear regression as the machine learning prediction method which offered 98% prediction precision. Using multiple linear regression, there are multiple independent variables but one and only one dependent variable whose actual and predicted values are compared to find precision of results. This paper proposes a system where price is dependent variable which is predicted, and this price is derived from factors like vehicle’s model, make, city, version, color, mileage, alloy rims and power steering.

References


Index Terms

Computer Science & Artificial Intelligence

Keywords

Multiple Linear regression, Car Price, Regression model.