

عنوان مقاله:

Predicting the price of used cars using data mining techniques

محل انتشار:

دوازدهمین کنفرانس بین المللی مهندسی صنایع، بهره وری و کیفیت (سال: 1402)

تعداد صفحات اصل مقاله: 11

نویسندگان:

Seyyed amir mahdi Ghoreishi zadeh - M.Sc. Student in Industrial Engineering Majoring In Macro Engineering systems, K. N. Toosi University

Mostafa Setak - Associate Professor, Department of Industrial Engineering, Economic and Social Systems, K. N. Toosi University

خلاصه مقاله:

In the automotive field, price analysis is very important for companies and individuals looking to gauge the market value of a vehicle before selling or buying. With the exponential increase in used car sales, dealers often take advantage of this trend by raising prices due to increased demand. The purpose of this research is to predict the price of used cars using supervised learning models of decision tree regression, random forest regression, AdaBoostRegressor to detect the effect of each feature on pricing and choose the best model, which finally among the tested models, random forest regression to The title of the .top algorithm appears, which has the highest accuracy (۹۴%) in predicting the price of used cars

کلمات کلیدی:

Prediction, machine learning, used cars, regression algorithms, classification

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/2019629>

