Don't Get Kicked

Description:

Goal: Predict if a car purchased at an auction is good/bad buy

One of the biggest challenges of an auto dealership purchasing a used car at an auto auction is the risk of that the vehicle might have serious issues that prevent it from being sold to customers. The auto community calls these unfortunate purchases "kicks".

Kicked cars often result when there are tampered odometers, mechanical issues the dealer is not able to address, issues with getting the vehicle title from the seller, or some other unforeseen problem. Kick cars can be very costly to dealers after transportation cost, throwaway repair work, and market losses in reselling the vehicle.

Modelers who can figure out which cars have a higher risk of being kick can provide real value to dealerships trying to provide the best inventory selection possible to their customers.

The challenge of this competition is to predict if the car purchased at the Auction is a Kick (bad buy).

Best of luck!

Data:

https://www.kaggle.com/c/DontGetKicked/data

Preprocessing of Data:

Both Training and Test Data files contains missing values. So you will have to preprocess the data so that its trained and tested in correct format and feature information is not lost. Use various techniques for preprocessing and use the one, which gives the maximum accuracy. For example, Missing data can be replaced by mean of that particular column.