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CSE 4334 Data Mining
Project Idea

Vehicle Recommender App

Transportation is part of our everyday lives, we all will at some point buy a vehicle if we don't already have one. Sometimes we have so many options that we really do not know what the best fit will be each person. This app will recommend the best-fit car for you based on specifications and questions.

This data set pulls all the available cars on the current American market and has all the specifications available ranging from price to SAE net horsepower. It will be able to give you the top options for you based on questions it asks you. The questions it will ask will be ranging from MSRP, MPG, model, etc. It will give you a list of vehicles and give you all the details on those vehicles. It will be able to rank the vehicles based on the information you provided. Similar apps currently on the internet are myproductadvisor.com and Carmax. They are pretty good because they make you select different options on cars and then rank which of those options are more important.

Why will someone need this App? Anyone who is in search of a vehicle can quickly and efficiently get the best options tailored to them. With this app, you are able to answer a few short questions and then get returned a list of cars in the american market. There are certainly other apps like Carmax but those are biased and often list the cars they have. The dataset that I am pulling from has over 32,000 cars and it has many attributes that can show the differences between the choices. This app will make it easy for anyone to search for a vehicle.

The dataset that will be used for this app is found at :

https://drive.google.com/file/d/1HnpgG2xj_6EZ7T