University of Advancing Technology

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CSC373 – Machine Learning

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The data that has been gathered for this specific assignment is intended to be used to predict used vehicle types from some basic information. This application is very basic in itself and has plenty of room to grow. For example, this application only takes in 4 basic features of a single vehicle to predict on, so the number of features can easily grow, and maybe could incorporate photos as well. I believe this basic app could be far more complex as well, so that when you give in information, it could predict machine parts included in that vehicle. The sky is the limit when it comes to classifying vehicles.

Overall, the total amount to data that has been gathered is 150 rows with 4 identifying features each, not including the name of the vehicle and the reference links to each. Below is each reference link’s website used to find the training data’s information.

* [www.carvana.com](http://www.carvana.com) (135 of the vehicles)
* [www.cargurus.com](http://www.cargurus.com) (2 of the vehicles)
* [www.limoforsale.com](http://www.limoforsale.com) (6 of the vehicles)
* [www.carmax.com](http://www.carmax.com) (7 of the vehicles)