HW4

1. For the Car Evaluation Data Set from UCI website (http://archive.ics.uci.edu/ml/datasets/Car+Evaluation)

    1.1. Combine class value "unacc" and "acc" as one group, "good" and "vgood" as the other group, develop a model to identify the two groups.

    1.2. With the original four class values, develop a model to do multi-class classification of the four groups.

In the above questions, use all features to train the model. Please provide enough information for the model development and testing. For example:

1. Preprocessing of dataset (categorical data handling, dataset partitioning, feature scaling, …)

2. Why you choose the algorithm to develop the model? How do you select the parameters

3. Performance of the model you developed.

4. …