An Analysis of KNN with Scaling

* Use a KNN classifier. Improve the metric by scaling the data between 0 and 1. Use a dataset for [Ford cars](https://www.kaggle.com/datasets/adityadesai13/used-car-dataset-ford-and-mercedes?select=ford.csv). Use K-fold cross validation to train the classifier and to assess it.
  + Clean the data and make sure attributes are defined for all records or “other” is replaced by NaN.
  + Fine tune the fuel type to be subclasses

Diesel: {T=1/4, F=3/4}, Petrol: {T, F}, Hybrid: {T, F}

* + Classifier = Model: {Fiesta, Focus, …}
* Other Analysis (if enough time): Build a decision tree for classification. Use K-fold cross validation to train the model and to assess it. Compare the tree with the KNN model. Does the tree do better. Any major differences?