ASSIGNMENT 6: PYTHON RECITATION

These are some of the resources that can be helpful in working with assignment 6. It covers mostly about the decision tree, pruning the tree, KNN and Lasso feature selection techniques.

You are encouraged to explore more and let us know where you need more guidance

Decision tree:

1. https://mljar.com/blog/visualize-decision-tree/
2. https://www.dummies.com/programming/big-data/data-science/how-to-create-classification-and-regression-trees-in-python-for-data-science/
3. https://chrisalbon.com/machine_learning/trees_and_forests/visualize_a_decision_tree/
4. https://scikit-learn.org/stable/modules/tree.html
5. https://machinelearningmastery.com/repeated-k-fold-cross-validation-with-python/

Pruning decision tree

1. https://stackoverflow.com/questions/49428469/pruning-decision-trees
2. https://www.kaggle.com/arunmohan003/pruning-decision-trees

KNN

1. https://www.datacamp.com/community/tutorials/k-nearest-neighbor-classification-scikit-learn
2. https://scikit-learn.org/stable/modules/generated/sklearn.neighbors.KNeighborsRegressor.html
3. https://scikit-learn.org/stable/modules/generated/sklearn.neighbors.KNeighborsRegressor.html

Logistic regression

1. https://scikit-learn.org/stable/modules/generated/sklearn.linear_model.LogisticRegression.html
2. https://towardsdatascience.com/building-a-logistic-regression-in-python-step-by-step-becd4d56c9c8
3. https://datatofish.com/logistic-regression-python/

LASSO feature selection

1. https://scikit-learn.org/stable/modules/feature_selection.html
2. https://machinelearningmastery.com/lasso-regression-with-python/
3. https://www.analyticsvidhya.com/blog/2016/01/ridge-lasso-regression-python-complete-tutorial/