

HW1:

Deadline: 15 Azar

Upload the code and the report (pdf) in a rar/ zip file

Use Decision tree, Random Forest, XGBoost, SVM, and MLP methods for classification of the data in the below link:

<https://archive.ics.uci.edu/dataset/189/parkinsons+telemonitoring>

Report all the details of your modeling and also Confusion matrix, Accuracy, Precision, Recall and f-measure for the best result. Use 5-fold cross validation and finally report the average values of the mentioned measures.

Method	Value of parameters	Accuracy, Precision, Recall and f-measure
Decision tree		
Random Forest		
XGBoost		
SVM		
MLP		