Assignment 6: Decision trees, Bagging and Boosting

July 18, 2022

[Submission URL](https://drive.google.com/drive/folders/1MmRudtYW-mPLL09hs72lnpPF0iOIsaNk?usp=sharing)

Submission Deadline: 19/07/2022, 2.30 PM

1. Download the dataset from the link (<https://drive.google.com/file/d/1HspY5-At6au8JRXQBPTn-UpTJWyCOf5w/view?usp=sharing>) and use it to answer the questions
   1. Build a decision tree model for the given dataset
   2. Build a bagging model using decision trees and logistic regression l
   3. Calculate and report Out-of-bag(OOB) score for the models built
   4. Calculate the feature importance score from the model and build a model with only top 5 important features