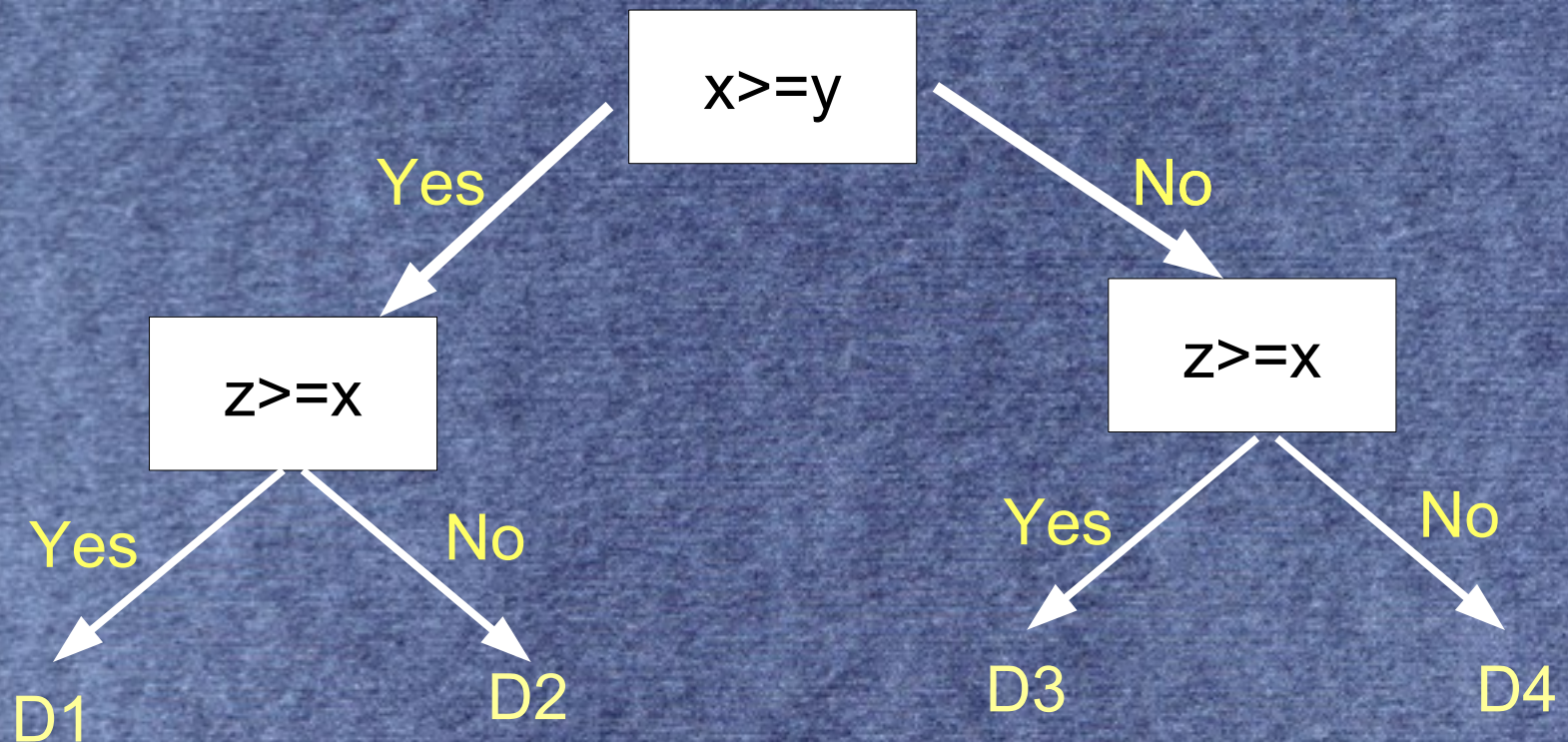


Decision Trees and Random Forests

By
Luminda Kulasiri

Decision Trees

- Used for both regression and classification
 - DecisionTreeClassifier
 - DecisionTreeRegressor



Random Forests

- Use multiple decision trees
- Each tree takes care of a randomly selected subset of data
- Final decision is based on the average of all decision trees
- Overfitting could be a problem in some cases