

COMS5026A

Applied Machine Learning

LAB EXERCISE 3

The third lab assignment is to use scikit learn to implement a **random forest** classifier for the **rice dataset**, which is available at:

<https://archive.ics.uci.edu/ml/datasets/Rice+%28Cammeo+and+Osmancik%29>

Required:

You must demonstrate to a tutor that your code works and prints out the following values:

- (1) Confusion matrix
- (2) accuracy
- (3) precision
- (4) sensitivity
- (5) $F1$ score

You may demonstrate to any of the tutors at the lab.

This should be done during this week's lab (before 12h00 on June 9).

Lab assignments count towards the final mark for the course.