

The *forth* Master of Computing and innovation Group Project weekly meeting will be held in **Room 464 at 3.00pm on Tuesday 27 Mar 2018.**

Agenda

1 Apologies

None

2 Progress

Using decision tree C4.5 to deal with approximate 10 thousand inputs, then generate a initially detection model. However, the time spending is more than 40 minutes.

2.1 Findings

1. a. A few parameters are useless, we may filter out the frequently used parameters to reduce the time to generate models.
2. b. In this implementation, it is assumed that a pattern vector with fewer than 10 unique values is discrete, and will be treated as such. Other vectors will be treated as continuous.

2.2 About the next steps

1. Find out the method to utilize the model generated by training data to detect attacks in testing data.
2. Searching information decision tree pruning algorithm to solve the overfitting issue.

Note: Next meeting to be held on 10 April 2018.