

The *seventh* Master of Computing and innovation Group Project weekly meeting will be held in **Room 464** at **3.00pm** on **Tuesday 17 Apr 2018**.

## Meeting minutes on 17th Apr

**Attendance: Zheng Xu, Junjie Guo**

### 1 Apologies

None

### 2 Progress

We have searched the information about Xgboost algorithm to implement the system. The new one is trying to compare with our Hadoop based C4.5 algorithm system, then we could find the better performance between them.

Still improving the feature training time of system and get a higher accuracy within a short time.

#### 2.1 Findings

1. Xgboost use in Python/R and some languages else frequently.

Answer: It does not matter, we just need to compare the performance between C4.5 and Xgboost.

2. Xgboost may be imported into Python as a module to train the data.

Answer: It looks like a package could be used in Python, we just need to modify its parameters. There is a convenient method to implement.

#### 2.2 About the next steps

1. Finish the milestone 1 report to review the workflow during mid-break

Answer: Summarizing all the jobs done during two months, then write the progress how we form the ideas and implement the algorithm. Moreover, we will make detail about how the problems occurred in the project.

2. Planning the milestone 2 to decide the next development for our project.

Answer: Xgboost algorithm is the next main goal to achieve before next meeting, we are likely to comparing the performance these two algorithm that achieve the better network forensic analytic system.

Note: Next meeting to be held on 24 April 2018.