

**MEETING MINUTES #14– INTERNAL**

**Date/Time  
Venue  
Meeting with  
Attendees**

3rd April 2017, 03:30PM  
Library PR 3.7

Akshita Dhandhania, Prekshaa Uppin, Aayush Garg

**Agenda**

1. Build classification model

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| Point made by | Notes | Follow – up Action |
|  |  | **Task** | **Person(s) Responsible** | **Due Date** |
| All | In our previous meeting with our supervisor, we realized that it is wrong to do regression analysis assuming the target variable, which is based on the score provided by employees, is a continuous variable.  Because, it reality, these values are categorical. Hence we must try classification rather than prediction.  We used several algorithms 🡪 naïve bayes, decision trees and neural networks. As suggested by our client as well, we eventually continued to try improving the model using neural network.  A major part determining the accuracy of the model is how we bin the averaged edge weights. We also found that a majority of the tuples had 0 as their edge weight (42%). This was causing inaccuracy in the model. After trying a few combinations of bins, we still did not manage to have a significant improvement in the misclassification error. Hence, we decided to consult our supervisor. |  |  |  |

*Meeting minutes prepared by Prekshaa Uppin  
Minutes has been vetted by Akshita Dhandhania, Aayush Garg*