Meeting Minutes

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| Subject: | COMP90051 Statistical Machine Learning |
| Group name/ identifier | RAM |
| Meeting Location, Date & Time | Sep 13th , 2020 on Zoom (Meeting ID: 92535140994) |
| Group members present | Akshay, Monit and Radhimas |
| Apologies | None |

# Actions from previous meetings

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| **Task** | **Who is responsible** | **Deadline** |
| Come up with more feature and model to be used on the future. Done | All three | 13th September 2020. |
| Finish the feature extraction and save it as a pickle/csv. Done | Akshay | 12th September |
| After feature extraction finishes try to do another feature extraction in 100/200k. Done | Akshay, Monit | 13th September |

# Items discussed and decisions made

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| **Item** | **Decision (if applicable)** |
| Discussed the result on first submission | Based on result, try the same model after making the training data bigger (100/200k) |
| Some feature result in igraph need to be investigated | Try to extract the same feature using network if possible. |
| Model selection to be used for next submission | Tried random forest, adaboost, gaussian naïve bayes. LightGBM, XGboost will be tried in future |
| Tried the 100 and 200k feature extraction and see which one is better | Based on Kaggle result, the 100k yield a much better result so we will continue using the 100k dataset |

# Agreed actions from this meeting

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| **Task** | **Who is responsible** | **Deadline** |
| Review first draft report | Everyone | 15th September |
| Comes up with other features to be used | Everyone | 15th September |
| Try the model after the new feature extraction is finished | Everyone | 15th September |

# Next meeting

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| Location | Zoom |
| Date & Time | 15th September |
| Goals | Reviewed report and increase the AUC value on public leaderboard |