Meeting Minutes 3

|  |  |
| --- | --- |
| Subject: | COMP90051 Statistical Machine Learning |
| Group name/ identifier | EasyMoneyGPT |
| Meeting Location, Date & Time | 20:00, 19th April, 2023. Zoom meeting |
| Group members present | Xinhao Yan  Junhua Liu  Yue Teng |
| Apologies |  |

# Actions from previous meetings

|  |  |  |
| --- | --- | --- |
| **Task** | **Who is responsible** | **Deadline** |
| 1. Try over-sampling and down-sampling techniques to improve models. 2. Do research on transfer learning and applying to2models. | Junhua Liu | 19th April, 2023 |
| 1. Try to use pre-trained Bert model to process the data. 2. Do research on transfer learning and applying to 2 models. | Xinhao Yan- | 19th April, 2023 |
| 1. Try to use balanced class weight to improve models. 2. Do research on transfer learning and applying to models | Yue Teng | 19th April, 2023 |
|  |  |  |
|  |  |  |

# Items discussed and decisions made

|  |  |
| --- | --- |
| **Item** | **Decision (if applicable)** |
| Domain adaption method | Try both transfer learning and sample weight |
| Loss function discussion | Use f1 as the loss function |
| Model evaluation on current models | Keep searching for new models |
|  |  |
|  |  |

# Agreed actions from this meeting

|  |  |  |
| --- | --- | --- |
| **Task** | **Who is responsible** | **Deadline** |
| Try Transformer and Bert model with domain adaption | Junhua Liu | 25th April, 2023 |
| Linear SVC LSTM building  Logistic regression tuning | Yue Teng | 25th April, 2023 |
| Neural network applying bidirectional with GRU and domain adaptation. | Xinhao Yan | 25th April, 2023 |
|  |  |  |
|  |  |  |

# Next meeting

|  |  |
| --- | --- |
| Location | Zoom |
| Date & Time | 20:00, 25th April, 2023 |
| Goals | Find best model. Preparing report. |