

Meeting Minutes 3

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

1 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 to 2 models.	Junhua Liu	19 th 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-	19 th April, 2023
1. Try to use balanced class weight to improve models. 2. Do research on transfer learning and applying to models	Yue Teng	19 th April, 2023

2 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

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3 Agreed actions from this meeting

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

4 Next meeting

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