Minutes 2

Subject:	COMP90051 Statistical Machine Learning
Group name/ identifier	Group 14
Meeting Location, Date & Time	ERC Library, 07/09/2023 3.00pm
Group members present	Yinuo Sun, Yufeng Xie, Xueke Zheng
Apologies	

1 Actions from previous meetings

Task	Who is responsible	Deadline
EDA of the raw data	Yufeng	04/09
Vectorization of the text	Xueke	05/09
Baseline model training	Yinuo	07/09

2 Items discussed and decisions made

Item	Decision (if applicable)
Discuss about resampling methods: after EDA, we found that the text lengths of domain 1 & 2 are very different, hence multiple resampling methods or training strategy need to be tried	Try new methods of sampling/ separating domains
Baseline model improvement	Hyperparameter tuning
Discuss about more preprocessing/ feature engineering steps	Create a new feature of text length that can be used in model training

3   Agreed actions from this meeting

Task	Who is responsible	Deadline
Further preprocessing and feature engineering steps	All	10/09
Hyperparameter tuning and more resampling trials	Yinuo	14/09
Try deep learning models, e.g. CNN, RNN	Xueke, Yufeng	15/09

4   Next meeting

Location	ERC Library
Date & Time	15/09/2023
Goals	Discuss about solution of any issues coming in the working process; Think about any ways to improve model performances; Solve difficulties in deep learning models.