School of Computing Sciences
MSc Dissertation Mark Sheets

University of East Anglia

Student	Pei Yoong	**Course**	MSc Computing Science
Title	Study of the Time-Series Validation Schemes on the Performace of Tree-Based Models		
Supervisor	Dr Antony Jackson	Marker	Dr Antony Jackson

Mark Sheet 1/3: For Demonstration/Presentation

Marker writes appropriate comments clearly and gives a mark for each section below:

Element	***Comments***	***Mark***
Introduction (10%): Background, motivation, aim & objectives	Clear Introduction.	7
Demonstration/Presentation of technical aspects (70%): Design/development methodology, or Functionality of implemented program/system, and experimental results, etc. Use the criteria related to topics.	Showed strong technical skills. Pleasing to see a focus on methodological development. It's clear that a lot of original code was developed during this project.	56
Questions/Answers (20%): Question understanding and answering	Very good answers. Clearly has a strong grasp of the subject.	15
Overall quality of Demonstration and/or Presentation	Very good, interesting presentation.	
Additional comments (related to the appropriate topic-specific criteria for this thesis)		

Demonstration/Presentation Mark	**78 %**	**Date**	30/8/2022

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Mark Sheet 2/3: For MSc Dissertation only

Marker writes comments clearly and gives a mark for each section below:

Element	*Comments*	*Mark*
Introduction (10%): Background, motivation, Aim & objectives	Presents the aims and objectives adequately.	7
Literature review (10%): Overview Critical analysis, Subject understanding	Good review. It appears that there isn't a huge literature on time-series cross-validation, so some time is spent on vanilla machine learning models.	7
Technical aspects (30%): Research analysis, Methodology Design Development Use the criteria related to the topic	Very good explanation of data preprocessing, tree-based models and time-series cross-validation. Perhaps a wider range of machine learning models could have been explored.	23
Experiments (30%): Implementation, Testing, Results	It was good to see computational efficiency addressed, which could be crucial in production environments.	24
Conclusions (10%): Discussion, conclusions & suggestions	A bit short, but nicely wrapped up.	7
Thesis presentation (10%): Structure, language use, and bibliography	Very attractive presentation.	8
Additional comments (related to the appropriate topic-specific criteria for this thesis)		

Dissertation Mark	**76%**	**Date**	**02/10/2022**

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Mark Sheet 3/3 (filled by supervisor): Agreed Marks and Comments' Summary

Marker 1	Dr Antony Jackson	**Sign and date**	
Marker 2	Mr Shaun Parsley	**Sign and date**	
Marker 3*		**Sign and date**	

	Marker 1 (Primary supervisor)	**Marker 2**	**Marker 3***	**Agreed mark**
Dissertation (%)	76	76		76
Demonstration/presentation (%)	78	78		78

Please write your comments below as feedback to the student:

Dissertation (brief comments on methodology, technical work, results, conclusion, structure and presentation, reference)	An impressive piece of work with plenty of analytical detail. I enjoyed the exploration of time-series cross-validation methods and though the studies of computational efficiency were a nice bonus.
Demonstration /Presentation (design, implementation /coding, functions, testing, results, question answering)	Very good presentation.
Other comments: Note: **comments are required on how the agreed marks are reached.**	**1. Average (roughly) of the two or 3 marker's marks: yes** **2. Or others (insert comments):**

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** Marker 3 may be needed for a dissertation (1) that has been supervised by 2 supervisors, e.g. an internal one and an external one, or (2) when the first two markers have big discrepancies (>= 10 marks) in their marks.*