**Chengdu University of Technology Oxford Brookes College**

**Project Module (CHC 6096)**

**Weekly Report Sheet**

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| STUDENT NAME: | James |
| STUDENT NUMBER: | 201918010413 |
| SUPERVISOR NAME: | Joojo Walker |
| DATE: | November 28 to December 4 |
| Briefly list all the main tasks you accomplished in the week.  Project progress: The model has been optimised and improved in greater depth and the forecasting results have been evaluated and analysed.  Data analysis and visualisation Results: The model was evaluated and analysed using the sklearn and Keras libraries in Python, and the ROC curve and precision-recall curve of the prediction results were plotted using the matplotlib library. | |
| Briefly state all the challenges you encountered in the week.  Problems encountered: In the course of the model evaluation and analysis, a number of samples with large prediction errors were encountered and the causes need to be explored further. | |
| Briefly Plan out the agenda for next week.  Next steps: continue to optimise the model and carry out more in-depth data exploration and feature engineering to improve the predictive accuracy and stability of the model. | |
| SUPERVISOR SIGNATURE: |  |