Week 1 27th May – 2nd June

Week 2 3rd June – 9th June

Week 3 10th June – 16th June

Week 4 17th June – 23rd June

Week 5 24th June – 30th June

Week 6 1st July – 7th July

I will finish writing up the project plan analysing the literature, risks and ethics requirements.

Week 7 8th July – 14th July

I will take an overview of the work I have already done, bench-marking the results of the models at their current state. I will also go over my exploratory data analysis deciding which charts are best suited for inclusion in the final report.

Week 8 15th July – 21st July

I will work on hyperparameter optimisation for the neural network-based model. I will also look into the potential application of permutation-invariant neural networks in this case.

Week 9 22nd July – 28th July

I will investigate purpose built neural network architectures for tabular data such as TabNet. I will also begin to writeup introduction, EDA and data preprocessing sections.

Week 10 29th July – 4th August

I will finalise the alternative decision-tree based method using the CATBoost implementation. I will also review the current results of all neural-network and decision based approaches and variations.

Week 11 5th August – 11th August

I will begin to writeup the methodology for my different neural network and decision-tree based approaches. I will also continue to make any adjustments which appear necessary to my methods based on current results and investigations.

Week 12 12th August – 18th August

I will start writing up the results of my study, also beginning to produce and decide on the relevant charts to be used in the report.

Week 13 19th August – 25th August

I will continue to work on all sections of the report. I will also begin writing a script for the presentation, designing the presentation and preparing for the Q and A section.

Week 14 26th August – 1st September

I will continue my work on all sections of the report. I will also rehearse my presentation and practice for the Q and A section.

Week 15 2nd September – 9th September

I will finalise my report checking for grammatical or technical errors.