Jason Dellaluce

Date	Activities
10.20.19	Experimentation with data summary and statistic, initial cleaning of useless feature, selection of useful features, personal study of strategies for the time serie problem
10.21.19	Analysis of feature type, Kaggle's discussion research for learning competitor's approach, initial Jupyter Notebook report creation, experimentation with RFE method to understand features relevance, presentation organization and initial writing
10.22.19	Created slides 0-5 of initial presentation, created github account, performed initial feature statistics on Jupyter Notebook
10.27.19	Writing "Problem presentation" and "Background" sections of Midterm's written project proposal, rebased initial outilined work of Ziwen, initial project title proposal
10.29.19	Writing "Approach", "Evaluation", "Results" sections of Midterm's written project proposal, rebased the initial outline of Ziwen
11.12.19	Notebook refactoring, initial feature engineering and balancing for testing feature importance
11.14.19	Notebook refactoring, initial algorithm evaluatiojn section writing
11.20.19	Added new features as a feature engineering task, algorithm testing code cleanup,initial writing of coumentation
11.22.19	Collaborated with Yibo on feature balancing and engineering
11.23.19	Worked on notebook refactoring, feature balancing, algorithm tuning, feature importance, general debugging
12.04.19	Data visualization, statistics, histograms, neaural network spot-check model, grid optimization, feature engineering enhancing
12.05.19	Finished feature engineering with Yibo, introduced more visualization methods, improved grid research and tested NN on real machine. Overall completion of the code part in the notebook
12.07.19	Finished notebook final code run, finished code part, refactored all notebook with new outline, finished introduction documentation
12.08.19	Progresses in notebook documentation writing (half of feature engineering paragraph is done)
12.09.19	Progresses in notebook documentation writing (finished up to algo. Spot-checking section)
12.10.19	Finished Notebook documentation (Needs revising), created all final presentation slides
12.14.19	Written Introduction, Methodology and Evaluation sections of final report

Ziwen Ning

Date	Activities
10.21.19	Understand the requirement of the project
10.22.19	Prepare the introduction part of midterm presentation
10.23.19	Write the comments to other teams
10.24.19	Write the initial outline of project proposal
10.25.19	Write the initial "Approach" section of project proposal
10.26.19	Write the initial "Evaluation" section of project proposal

10.27.19	Write the initial "Results" section of project proposal
11.14.19	Create the overleaf document for final report
11.15.19	Understand the theory of ensemble learning
11.17.19	Do the comparison of different ensemble learning methods
11.20.19	Write the outline of "related work" part of final report
11.25.19	Draw diagrams of different ensemble learning methods
12.09.19	Prepare the first 6 slides of final presentation
12.12.19	Make "related work" part polished and insert the diagrams to it
12.13.19	Migrate other parts needed to overleaf document

Yibo Wang

Date	Activities
	Edited slides for mid-term presentation.
	Edited documents for mid-term proposal.
	Worked on featuring balancing on 12 features together with Jason.
	Experimented on neural network using PyTorch which includes:
	Coded on dataset preparation with and without normalization
	Coded on data loader.
	Coded on neural network architecture
	Set up GPU running environment, run test cases and collect results.
	Edited slides for final presentation.
	Worked on final report for the feature balancing and neural network experiment part
	Edited the final report.