Group 13 Worklog

1. Project kickoff. 8th March
   a. Discussed personal understanding of this project and possible analytics methods.
   b. Tasks allocation. Each of us need to finish a data quality report and exploratory data analysis before the next meeting.
2. Phase review and task assignment. 15th March
   a. Data quality report, data cleaning and exploratory data analysis are finished.
   b. Model selection
   c. Coding tasks owner: Botao (Predictive analysis) and Baizhou (Clustering analysis).
   d. Marketing strategy and report: Chengyue and Boxuan.
3. Phase review. 29th March
   a. Basic versions of both supervised and unsupervised models are finished.
   b. Sync the evaluation and discoveries.
   c. Code review
   d. Models' performance needs to be improved.
   e. More feature engineering and model ensembling methods should be tried.
   f. Revise the data quality report to compare the results of the data analysis after the data cleaning with the conclusions of the preliminary explorations prior to the cleaning.
4. Phase review. 5th April
   a. Coding part is finished.
   b. Discussion about the results of predictive and clustering models.
   c. First version of recommended marketing strategies is finished. Considering the lack of targeted advice on home insurance, further investigation on home insurance products is needed.
   d. Report structure is modified.
5. Final report is confirmed. 16th April