Group 1

Summary

The project works on M5 forecasting. This group uses one model which is LightGBM to make prediction. Behind sales data, time data and price data is merged into training data while doing preprocessing, and lag and rolling features are used to improve the training data. While training the LightGBM, this group use RMSE as loss function. The best score after tuning is 0.32097 (public score). The report also talks about feature importance and future improvements of model.

Strengths

1. Quite good results.
2. A lot of visualization in paper.
3. Clear and neat writing.
4. Cover almost every aspect of the project.

Weaknesses

1. Limited models have been tried.
2. Maybe could put some mathematical formula in model introduction, so it can be clearer.

Evaluation on clarity and quality of writing

4

Evaluation on Technical Quality

3

Overall rating

4

Confidence on your assessment

3