Review of Group 5

Summary: The group5 chose the regression task. They tried a variety of models including LGB, LSTM, SES, Prophet, and finally chose the SES model. They made adjustments to the model parameters and manually defined the loss function. Their final result is better than the benchmark.

Strengths:

(a) Tried a variety of models lstm, lgb, ses, prophet, and gave a explanation of the reason for choosing the ses model.

(b) According to the evaluation index of the competition, they define the loss function themselves to make the evaluation result more accurate.

(c) The parameter adjustment process of ses is well explained, and the result of parameter selection is explained reasonably.

(d) It is presented in the form of a poster, which looks very concise. The combination of picture text and formula is very reasonable.

Weaknesses:

(a) Due to the space of the poster, some details are not mentioned. Such as data preprocessing, feature engineering, and other models being tried.

(b) Some necessary EDA is not performed to display the data.

(c) As mentioned in the poster part3, ses only focuses on sales and does not consider the effect of other features on sales results. Running time is an important metric, but since it's a competition if performance results should play a larger role in choosing a model.

Evaluation on Clarity and quality of writing (1-5):5

The typography and design of the poster is good, with no apparent errors.

Evaluation on Technical Quality (1-5):4

Some preprocessing processes are missing, and some details are not shown. However, several models have been practiced, the SES model parameter tuning and model selection have been described in detail to give the final result a support. Also the result of the model is good.

Overall rating:5

Confidence on your assessment:3