1) Random Forest

- a) Predict the demand of all product-location-date combinations in test.csv using a Random Forest, e.g., from *scikit-learn*. Repeat the evaluations with this model.
- b) Estimate the importances of the different features in your model averaged over the training.

2) Gradient Boosting

- a) Predict the demand of all product-location-date combinations in test.csv using a Gradient Boosting method, e.g., from *scikit-learn*. Repeat the evaluations with this model.
- b) Use one of the popular Gradient Boosting implementations like LGBM (e.g., HistGradBoost from *scikit-learn*) or XGBoost (python package *xgboost*). Repeat the evaluations with this model.
- 3) Use one of the two methods LIME or SHAP (python packages *lime* and *shap*) to go beyond feature importances averaged over the training and explain a bunch of individual predictions in terms of influences of the different features.