WEEKLY REPORT

Dear Ahmed Mohamed Sobhy

In the below Table you will see a specified table that includes the good, the bad & the improvements that can be done on your Classification Task

Correctly Done	Can Be Improved
Apply Scaling **Handle outlier** **Good feature engineering** **Handle Imbalanced**	- You can apply other techniques for outlier as transformation (log), capping, fill by median (try and determine the good one) - Handle multicollinearity using drop cols with high vif or pca (not necessary to increase performance, the integrity will be) - Encoding using one-hot, label or manual encoder as type1:1, type2:2,… - You can use more robust models as random forest, xgbooost, adaboost, .. - You can use grid-search for more hyper tunning - You can apply cross-validation to know genera performance of model on all data - Split data into train and test before any preprocessing

Signature