**Jobathon- 2 approach**

* From initial analysis found the presence of missing values and tried various imputation strategy and imputed with -1 because LGBM and Xgboost handles this in a special way.
* This was a imbalanced binary classification problem with 73:27 ratio of the classes
* Performed some EDA also cross tab operations to understand the data better
* Initially I tried decision tree, random forest algorithms and they dint perform well , then I tried Lightgbm , Xgboost and catboost algorithms.
* Lightgbm and Xgboost gave good results so I tried to blend them with various weights.
* I also created some aggregation, frequency and grouping features but they dint perform well.