We kept 3 files inside Task\_Completed Folder.

cora\_fin.py file consist of python code where data preprocessing and model has been created.

Logs file consist of logs from PyCharm.

test\_predictions.csv consist of output with ID, user\_id, problem\_id, attempts\_range.

Steps :

1. one-hot encode for tags column

2. Fill Nan values with dummies

3. Used labelencoder to encode values

4. Building Model : Created XGBoost Classifier

5. Evaluating Model : f1-score weighted and result as shown below,

f1-score for Train : 0.9019709637871561

f1-score for Test : 0.5547092160583876

6. Output : test\_predictions.csv consist of output with ID, user\_id, problem\_id, attempts\_range.