FoML Hackathon Submission Guidelines

Dear all, please submit a zip file `rollno_foml24_hackathon.zip` with two files – a notebook `rollno_foml24_hackathon.ipynb` and a report containing your observations `rollno_foml24_hackathon_report.pdf`. Please ensure that your rollno is in lowercase. Ensure your notebook has this code in its last cell.

```
import argparse

def make_predictions(test_fname, predictions_fname):
    #TODO: complete this function to save predictions to the csv file predictions_fname
    #this is an example, you need to modify the code below to fit your workflow
    #### start code ####

    test = pd.read_csv(test_fname)
    fill_na_values(test, features, vals)
    test_X = test[features].to_numpy()
    preds = model.predict(test_X)
    test_uid = test[["UID"]].copy()
    test_uid["Target"] = preds.reshape(-1)
    test_uid.to_csv(predictions_fname, index=False)

    #### end code ####

if __name__=="__main__":
    parser = argparse.ArgumentParser()
    parser.add_argument("--train-file", type=str, help='file path of train.csv')
    parser.add_argument("--test-file", type=str, help='file path of test.csv')
    parser.add_argument("--predictions-file", type=str, help='save path of predictions')
    args = parser.parse_args()

    make_predictions(args.test_file, args.predictions_file)
```

Your notebook will be evaluated on the private test set. You can use the script `eval.sh` to check your notebook by running `> bash eval.sh cs21resch01004` (replace your rollno). You do not need to add any data files to your submission. If you are using any special libraries, list them in a `requirements.txt` file. An example requirements.txt file could be:

```
catboost==1.2.0
lightgbm==4.0.0
```