mandalsubhajit / Kaggle--Expedia-Hotel-Recommendations

🌐 **github.com**/mandalsubhajit/Kaggle--Expedia-Hotel-Recommendations

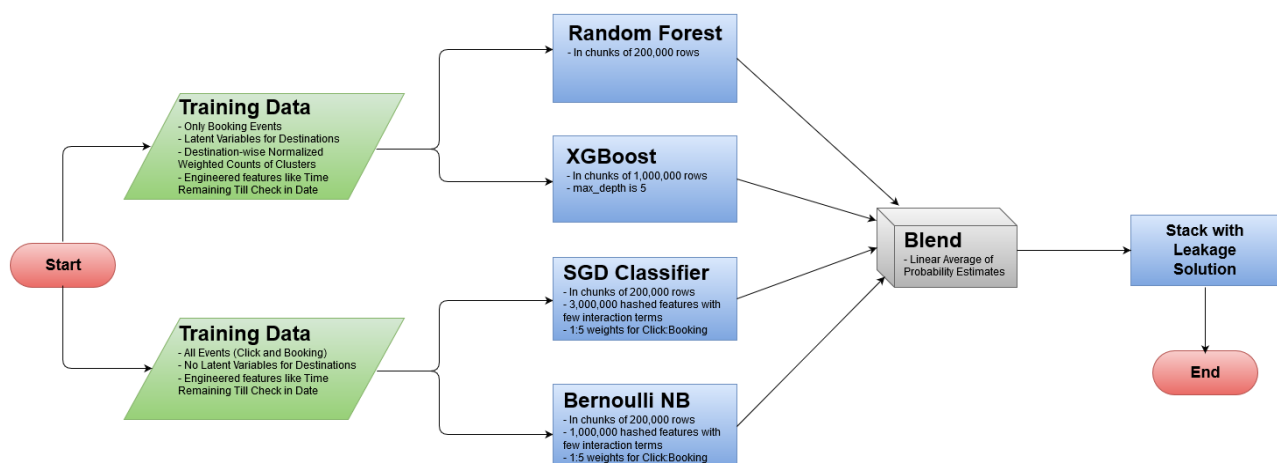mandalsubhajit

Kaggle: Expedia Hotel Recommendations

Competition Link: https://www.kaggle.com/c/expedia-hotel-recommendations

Model Description

For detailed description please visit https://mandalsubhajit.wordpress.com/2016/05/26/kaggle-expedia-hotel-recommendations/

System Specifications:

- Windows 10
- 4 cores
- 8 GB RAM
- Python 3
- 10 GB Free Disk Space where the files would be saved

Code Details:

- 0_leakage.py : Leakge Solution
- 1_random_forest.py : Random Forest
- 2_xgboost.py : XGBoost
- 3_sgd_classifier.py : SGDClassifier
- 4_naive_bayes.py : Naive Bayes
- blend_models.py : Blending models 1-4 using weighted average of predicted probabilities
- combine_results.py : Stack output from blending over the leakage solution

- run_loop.cmd : batch file to run codes in loop, e.g. run_loop 1_random_forest.py 10. This will run the code 10 times.