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1 /System/Volumes/Data/Users/liangwenlong/envs/ml_env
  /bin/python3.12 /Users/liangwenlong/study/bme/3/
  ml_usage/project/solutionv8.py
2     Loading data ...
3     Building trip-level features ...
4     OOF target encoding ...
5     -> OOF target encoding for driver_name_and_id
6     -> OOF target encoding for vehicle_type
7     -> OOF target encoding for deviceuniquecode
8     Number of features: 72
9     Training LightGBM with trip features + OOF TE
    ...
10 [LightGBM] [Info] Auto-choosing row-wise multi-
    threading, the overhead of testing was 0.006629
    seconds.
11 You can set `force_row_wise=true` to remove the
    overhead.
12 And if memory is not enough, you can set `
    force_col_wise=true`.
13 [LightGBM] [Info] Total Bins 11730
14 [LightGBM] [Info] Number of data points in the
    train set: 144402, number of used features: 71
15 [LightGBM] [Info] Start training from score 246.
    029175
16     Fold 1 MAE: 19.3547
17 [LightGBM] [Info] Auto-choosing row-wise multi-
    threading, the overhead of testing was 0.004693
    seconds.
18 You can set `force_row_wise=true` to remove the
    overhead.
19 And if memory is not enough, you can set `
    force_col_wise=true`.
20 [LightGBM] [Info] Total Bins 11738
21 [LightGBM] [Info] Number of data points in the
    train set: 144402, number of used features: 71
22 [LightGBM] [Info] Start training from score 245.
    817413
23     Fold 2 MAE: 19.6269
24 [LightGBM] [Info] Auto-choosing row-wise multi-
    threading, the overhead of testing was 0.005598
    seconds.
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25 You can set `force_row_wise=true` to remove the
    overhead.
26 And if memory is not enough, you can set `
    force_col_wise=true`.
27 [LightGBM] [Info] Total Bins 11734
28 [LightGBM] [Info] Number of data points in the
    train set: 144402, number of used features: 71
29 [LightGBM] [Info] Start training from score 246.
    064392
30     Fold 3 MAE: 19.4405
31 [LightGBM] [Info] Auto-choosing row-wise multi-
    threading, the overhead of testing was 0.006299
    seconds.
32 You can set `force_row_wise=true` to remove the
    overhead.
33 And if memory is not enough, you can set `
    force_col_wise=true`.
34 [LightGBM] [Info] Total Bins 11733
35 [LightGBM] [Info] Number of data points in the
    train set: 144403, number of used features: 71
36 [LightGBM] [Info] Start training from score 246.
    119995
37     Fold 4 MAE: 19.4139
38 [LightGBM] [Info] Auto-choosing row-wise multi-
    threading, the overhead of testing was 0.004981
    seconds.
39 You can set `force_row_wise=true` to remove the
    overhead.
40 And if memory is not enough, you can set `
    force_col_wise=true`.
41 [LightGBM] [Info] Total Bins 11730
42 [LightGBM] [Info] Number of data points in the
    train set: 144403, number of used features: 71
43 [LightGBM] [Info] Start training from score 246.
    000000
44     Fold 5 MAE: 19.2787
45
46     OOF CV MAE (LGBM + Trip + OOF TE): 19.4229
47     Done. Saved oof_lgb_trip_v8.csv and
    submission_lgb_trip_v8.csv
48
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49 进程已结束，退出代码为 0
50
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