

File - main_drug_eq

```
1 /usr/local/bin/python3.8 /Users/tianyisun/Desktop/ENN_NLP/main_drug_eq.py
2 [2022-07-31 08:10:39.188] Namespace(batch_size=1024, cuda=False, data='sparse', dropout_prob=0, embed_dim=32, epochs=1000, eqn=2,
3 exp_name='', hid_dim=32, lr=0.001, max_drugs=5, model='baseline', num_eq_layers=1, num_workers=1, out_dim=128, output='mlp', pin=False,
4 pool='sum', print_update=10, save=False, save_fn='', save_iter=250, savedir='./results/', seed=42, test_fn='./data/drug_test_v2.csv', train_fn
5 ='./data/drug_train_v2.csv', train_pct=0.8)
6 [2022-07-31 08:10:39.188] Saving in: ./results/
7 pass 6.....
8 here!!!
9 pass 7.....
10 [2022-07-31 08:10:57.350] Doing new baseline with dropout 0, hid 32, out 128
11 [2022-07-31 08:10:57.352] Init model parameters: 8897 params total
12 opt: Adam(
13 Parameter Group 0
14     amsgrad: False
15     betas: (0.9, 0.999)
16     eps: 1e-08
17     lr: 0.001
18     weight_decay: 0
19 )
20 model: BaselineDeepSet(
21     (embed): Embedding(9, 32)
22     (enc): Sequential(
23         (0): Linear(in_features=33, out_features=32, bias=True)
24         (1): ReLU()
25         (2): Linear(in_features=32, out_features=32, bias=True)
26         (3): ReLU()
27         (4): Linear(in_features=32, out_features=32, bias=True)
28     )
29     (dec): Sequential(
30         (0): Linear(in_features=32, out_features=32, bias=True)
31         (1): ReLU()
32         (2): Linear(in_features=32, out_features=128, bias=True)
33         (3): ReLU()
34         (4): Linear(in_features=128, out_features=1, bias=True)
35     )
36 )
37 log: <Logger utils (INFO)>
38 [2022-07-31 08:10:57.352] => no checkpoint found at './results/checkpoint.pth'
39 start_epoch: 0
40 e: 0
41 [2022-07-31 08:11:20.486] Ep: 0 | Last ep: mae 16.27, mse: 498.09 | Test mae: 13.69 | Test mse: 311.62 | Time: 0.39mins | Ep time: 21.62s,
42 Test time: 1.51s
43 e: 1
44 e: 2
45 e: 3
46 e: 4
47 e: 5
48 e: 6
49 e: 7
50 e: 8
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78 e: 36
79 e: 37
80 [2022-07-31 08:18:34.545] Ep: 20 | Last ep: mae 12.28, mse: 257.20 | Test mae: 12.27 | Test mse: 255.65 | Time: 7.62mins | Ep time: 21.85s,
81 Test time: 1.48s
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File - main_drug_eq

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82 [2022-07-31 08:25:50.432] Ep: 40 | Last ep: mae 12.09, mse: 250.40 | Test mae: 12.01 | Test mse: 248.97 | Time: 14.88mins | Ep time: 21.63s, Test time: 1.49s
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93 [2022-07-31 08:29:28.052] Ep: 50 | Last ep: mae 12.05, mse: 249.27 | Test mae: 12.07 | Test mse: 247.75 | Time: 18.51mins | Ep time: 21.43s, Test time: 1.51s
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104 [2022-07-31 08:33:07.729] Ep: 60 | Last ep: mae 12.03, mse: 248.37 | Test mae: 11.96 | Test mse: 246.93 | Time: 22.17mins | Ep time: 22.02s, Test time: 1.54s
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115 [2022-07-31 08:36:46.423] Ep: 70 | Last ep: mae 12.00, mse: 247.68 | Test mae: 11.92 | Test mse: 246.35 | Time: 25.82mins | Ep time: 22.35s, Test time: 1.51s
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124 e: 79
125 e: 80
126 [2022-07-31 08:40:24.297] Ep: 80 | Last ep: mae 11.99, mse: 246.95 | Test mae: 11.98 | Test mse: 245.17 | Time: 29.45mins | Ep time: 21.61s, Test time: 1.53s
127 e: 81
128 e: 82
129 e: 83
130 e: 84
131 e: 85
132 e: 86
133 e: 87
134 e: 88
135 e: 89
136 e: 90
137 [2022-07-31 08:44:02.326] Ep: 90 | Last ep: mae 11.97, mse: 246.47 | Test mae: 11.95 | Test mse: 245.19 | Time: 33.08mins | Ep time: 21.34s, Test time: 1.87s
138 e: 91
139 e: 92
140 e: 93
141 e: 94
142 e: 95
143 e: 96
144 e: 97
145 e: 98
146 e: 99
147 e: 100
148 [2022-07-31 08:47:39.069] Ep: 100 | Last ep: mae 11.96, mse: 245.98 | Test mae: 12.00 | Test mse: 245.84 | Time: 36.70mins | Ep time: 21.21s, Test time: 1.52s
149 e: 101
150 e: 102
151 e: 103
152 e: 104
153 e: 105
154 e: 106
155 e: 107
156 e: 108

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157 e: 109
158 e: 110
159 [2022-07-31 08:51:13.378] Ep: 110 | Last ep: mae 11.95, mse: 245.54 | Test mae: 11.87 | Test mse: 244.07 | Time: 40.27mins | Ep time: 21.35s, Test time: 1.51s
160 e: 111
161 e: 112
162 e: 113
163 e: 114
164 e: 115
165 e: 116
166 e: 117
167 e: 118
168 e: 119
169 e: 120
170 [2022-07-31 08:54:47.245] Ep: 120 | Last ep: mae 11.93, mse: 245.18 | Test mae: 11.98 | Test mse: 245.12 | Time: 43.83mins | Ep time: 21.26s, Test time: 1.51s
171 e: 121
172 e: 122
173 e: 123
174 e: 124
175 e: 125
176 e: 126
177 e: 127
178 e: 128
179 e: 129
180 e: 130
181 [2022-07-31 08:58:21.601] Ep: 130 | Last ep: mae 11.92, mse: 244.84 | Test mae: 11.91 | Test mse: 243.91 | Time: 47.40mins | Ep time: 21.28s, Test time: 1.51s
182 e: 131
183 e: 132
184 e: 133
185 e: 134
186 e: 135
187 e: 136
188 e: 137
189 e: 138
190 e: 139
191 e: 140
192 [2022-07-31 09:01:56.134] Ep: 140 | Last ep: mae 11.91, mse: 244.56 | Test mae: 11.84 | Test mse: 244.08 | Time: 50.98mins | Ep time: 21.25s, Test time: 1.55s
193 e: 141
194 e: 142
195 e: 143
196 e: 144
197 e: 145
198 e: 146
199 e: 147
200 e: 148
201 e: 149
202 e: 150
203 [2022-07-31 09:05:30.564] Ep: 150 | Last ep: mae 11.91, mse: 244.43 | Test mae: 11.84 | Test mse: 243.34 | Time: 54.55mins | Ep time: 21.19s, Test time: 1.50s
204 e: 151
205 e: 152
206 e: 153
207 e: 154
208 e: 155
209 e: 156
210 e: 157
211 e: 158
212 e: 159
213 e: 160
214 [2022-07-31 09:09:04.742] Ep: 160 | Last ep: mae 11.90, mse: 244.21 | Test mae: 11.90 | Test mse: 243.43 | Time: 58.12mins | Ep time: 21.30s, Test time: 1.50s
215 e: 161
216 e: 162
217 e: 163
218 e: 164
219 e: 165
220 e: 166
221 e: 167
222 e: 168
223 e: 169
224 e: 170
225 [2022-07-31 09:12:39.211] Ep: 170 | Last ep: mae 11.90, mse: 244.12 | Test mae: 11.82 | Test mse: 243.14 | Time: 61.70mins | Ep time: 21.29s, Test time: 1.49s
226 e: 171
227 e: 172
228 e: 173
229 e: 174
230 e: 175
231 e: 176
232 e: 177
233 e: 178
234 e: 179

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235 e: 180
236 [2022-07-31 09:16:14.616] Ep: 180 | Last ep: mae 11.90, mse: 243.90 | Test mae: 11.87 | Test mse: 244.46 | Time: 65.29mins | Ep time: 21.
28s, Test time: 1.53s
237 e: 181
238 e: 182
239 e: 183
240 e: 184
241 e: 185
242 e: 186
243 e: 187
244 e: 188
245 e: 189
246 e: 190
247 [2022-07-31 09:19:48.781] Ep: 190 | Last ep: mae 11.89, mse: 243.79 | Test mae: 11.85 | Test mse: 242.68 | Time: 68.86mins | Ep time: 21.
39s, Test time: 1.49s
248 e: 191
249 e: 192
250 e: 193
251 e: 194
252 e: 195
253 e: 196
254 e: 197
255 e: 198
256 e: 199
257 e: 200
258 [2022-07-31 09:23:23.467] Ep: 200 | Last ep: mae 11.89, mse: 243.67 | Test mae: 11.92 | Test mse: 244.11 | Time: 72.44mins | Ep time: 21.
21s, Test time: 1.53s
259 e: 201
260 e: 202
261 e: 203
262 e: 204
263 e: 205
264 e: 206
265 e: 207
266 e: 208
267 e: 209
268 e: 210
269 [2022-07-31 09:26:57.922] Ep: 210 | Last ep: mae 11.89, mse: 243.61 | Test mae: 11.95 | Test mse: 243.33 | Time: 76.01mins | Ep time: 21.
32s, Test time: 1.52s
270 e: 211
271 e: 212
272 e: 213
273 e: 214
274 e: 215
275 e: 216
276 e: 217
277 e: 218
278 e: 219
279 e: 220
280 [2022-07-31 09:30:32.363] Ep: 220 | Last ep: mae 11.88, mse: 243.46 | Test mae: 11.86 | Test mse: 242.55 | Time: 79.58mins | Ep time: 21.
17s, Test time: 1.49s
281 e: 221
282 e: 222
283 e: 223
284 e: 224
285 e: 225
286 e: 226
287 e: 227
288 e: 228
289 e: 229
290 e: 230
291 [2022-07-31 09:34:06.785] Ep: 230 | Last ep: mae 11.88, mse: 243.37 | Test mae: 11.83 | Test mse: 242.57 | Time: 83.16mins | Ep time: 21.
38s, Test time: 1.48s
292 e: 231
293 e: 232
294 e: 233
295 e: 234
296 e: 235
297 e: 236
298 e: 237
299 e: 238
300 e: 239
301 e: 240
302 [2022-07-31 09:37:41.694] Ep: 240 | Last ep: mae 11.88, mse: 243.27 | Test mae: 11.89 | Test mse: 242.51 | Time: 86.74mins | Ep time: 21.
26s, Test time: 1.49s
303 e: 241
304 e: 242
305 e: 243
306 e: 244
307 e: 245
308 e: 246
309 e: 247
310 e: 248
311 e: 249
312 e: 250
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313 [2022-07-31 09:41:16.321] Ep: 250 | Last ep: mae 11.88, mse: 243.20 | Test mae: 11.81 | Test mse: 241.87 | Time: 90.32mins | Ep time: 21.  
32s, Test time: 1.49s  
314 e: 251  
315 e: 252  
316 e: 253  
317 e: 254  
318 e: 255  
319 e: 256  
320 e: 257  
321 e: 258  
322 e: 259  
323 e: 260  
324 [2022-07-31 09:44:50.832] Ep: 260 | Last ep: mae 11.87, mse: 243.08 | Test mae: 11.85 | Test mse: 242.28 | Time: 93.89mins | Ep time: 21.  
65s, Test time: 1.50s  
325 e: 261  
326 e: 262  
327 e: 263  
328 e: 264  
329 e: 265  
330 e: 266  
331 e: 267  
332 e: 268  
333 e: 269  
334 e: 270  
335 [2022-07-31 09:48:24.971] Ep: 270 | Last ep: mae 11.87, mse: 243.01 | Test mae: 11.85 | Test mse: 242.02 | Time: 97.46mins | Ep time: 21.  
27s, Test time: 1.49s  
336 e: 271  
337 e: 272  
338 e: 273  
339 e: 274  
340 e: 275  
341 e: 276  
342 e: 277  
343 e: 278  
344 e: 279  
345 e: 280  
346 [2022-07-31 09:51:59.680] Ep: 280 | Last ep: mae 11.87, mse: 242.99 | Test mae: 11.81 | Test mse: 242.18 | Time: 101.04mins | Ep time: 21.  
30s, Test time: 1.57s  
347 e: 281  
348 e: 282  
349 e: 283  
350 e: 284  
351 e: 285  
352 e: 286  
353 e: 287  
354 e: 288  
355 e: 289  
356 e: 290  
357 [2022-07-31 09:55:33.699] Ep: 290 | Last ep: mae 11.87, mse: 242.95 | Test mae: 11.85 | Test mse: 242.19 | Time: 104.61mins | Ep time: 21.  
28s, Test time: 1.51s  
358 e: 291  
359 e: 292  
360 e: 293  
361 e: 294  
362 e: 295  
363 e: 296  
364 e: 297  
365 e: 298  
366 e: 299  
367 e: 300  
368 [2022-07-31 09:59:08.031] Ep: 300 | Last ep: mae 11.86, mse: 242.85 | Test mae: 11.82 | Test mse: 242.31 | Time: 108.18mins | Ep time: 21.  
25s, Test time: 1.51s  
369 e: 301  
370 e: 302  
371 e: 303  
372 e: 304  
373 e: 305  
374 e: 306  
375 e: 307  
376 e: 308  
377 e: 309  
378 e: 310  
379 [2022-07-31 10:02:43.200] Ep: 310 | Last ep: mae 11.86, mse: 242.82 | Test mae: 11.85 | Test mse: 242.47 | Time: 111.76mins | Ep time: 21.  
31s, Test time: 1.52s  
380 e: 311  
381 e: 312  
382 e: 313  
383 e: 314  
384 e: 315  
385 e: 316  
386 e: 317  
387 e: 318  
388 e: 319  
389 e: 320  
390 [2022-07-31 10:06:17.400] Ep: 320 | Last ep: mae 11.86, mse: 242.74 | Test mae: 11.87 | Test mse: 241.78 | Time: 115.33mins | Ep time: 21.
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390 20s, Test time: 1.55s
391 e: 321
392 e: 322
393 e: 323
394 e: 324
395 e: 325
396 e: 326
397 e: 327
398 e: 328
399 e: 329
400 e: 330
401 [2022-07-31 10:09:51.755] Ep: 330 | Last ep: mae 11.86, mse: 242.72 | Test mae: 11.84 | Test mse: 241.54 | Time: 118.91mins | Ep time: 21.33s, Test time: 1.49s
402 e: 331
403 e: 332
404 e: 333
405 e: 334
406 e: 335
407 e: 336
408 e: 337
409 e: 338
410 e: 339
411 e: 340
412 [2022-07-31 10:13:26.049] Ep: 340 | Last ep: mae 11.86, mse: 242.59 | Test mae: 11.80 | Test mse: 241.11 | Time: 122.48mins | Ep time: 21.26s, Test time: 1.50s
413 e: 341
414 e: 342
415 e: 343
416 e: 344
417 e: 345
418 e: 346
419 e: 347
420 e: 348
421 e: 349
422 e: 350
423 [2022-07-31 10:17:00.696] Ep: 350 | Last ep: mae 11.85, mse: 242.50 | Test mae: 11.86 | Test mse: 241.67 | Time: 126.06mins | Ep time: 21.19s, Test time: 1.51s
424 e: 351
425 e: 352
426 e: 353
427 e: 354
428 e: 355
429 e: 356
430 e: 357
431 e: 358
432 e: 359
433 e: 360
434 [2022-07-31 10:20:34.873] Ep: 360 | Last ep: mae 11.85, mse: 242.48 | Test mae: 11.80 | Test mse: 241.39 | Time: 129.63mins | Ep time: 21.28s, Test time: 1.50s
435 e: 361
436 e: 362
437 e: 363
438 e: 364
439 e: 365
440 e: 366
441 e: 367
442 e: 368
443 e: 369
444 e: 370
445 [2022-07-31 10:24:09.404] Ep: 370 | Last ep: mae 11.85, mse: 242.42 | Test mae: 11.83 | Test mse: 241.46 | Time: 133.20mins | Ep time: 21.26s, Test time: 1.50s
446 e: 371
447 e: 372
448 e: 373
449 e: 374
450 e: 375
451 e: 376
452 e: 377
453 e: 378
454 e: 379
455 e: 380
456 [2022-07-31 10:28:02.820] Ep: 380 | Last ep: mae 11.85, mse: 242.37 | Test mae: 11.86 | Test mse: 241.68 | Time: 137.09mins | Ep time: 22.05s, Test time: 1.92s
457 e: 381
458 e: 382
459 e: 383
460 e: 384
461 e: 385
462 e: 386
463 e: 387
464 e: 388
465 e: 389
466 e: 390
467 [2022-07-31 10:31:49.288] Ep: 390 | Last ep: mae 11.85, mse: 242.33 | Test mae: 11.81 | Test mse: 241.58 | Time: 140.87mins | Ep time: 22.81s, Test time: 1.53s

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468 e: 391
469 e: 392
470 e: 393
471 e: 394
472 e: 395
473 e: 396
474 e: 397
475 e: 398
476 e: 399
477 e: 400
478 [2022-07-31 10:35:31.540] Ep: 400 | Last ep: mae 11.85, mse: 242.27 | Test mae: 11.81 | Test mse: 241.02 | Time: 144.57mins | Ep time: 21.85s, Test time: 1.60s
479 e: 401
480 e: 402
481 e: 403
482 e: 404
483 e: 405
484 e: 406
485 e: 407
486 e: 408
487 e: 409
488 e: 410
489 [2022-07-31 10:39:22.578] Ep: 410 | Last ep: mae 11.85, mse: 242.29 | Test mae: 11.79 | Test mse: 241.47 | Time: 148.42mins | Ep time: 22.15s, Test time: 1.63s
490 e: 411
491 e: 412
492 e: 413
493 e: 414
494 e: 415
495 e: 416
496 e: 417
497 e: 418
498 e: 419
499 e: 420
500 [2022-07-31 10:43:13.957] Ep: 420 | Last ep: mae 11.85, mse: 242.26 | Test mae: 11.81 | Test mse: 241.30 | Time: 152.28mins | Ep time: 22.30s, Test time: 1.61s
501 e: 421
502 e: 422
503 e: 423
504 e: 424
505 e: 425
506 e: 426
507 e: 427
508 e: 428
509 e: 429
510 e: 430
511 [2022-07-31 10:47:05.371] Ep: 430 | Last ep: mae 11.85, mse: 242.21 | Test mae: 11.83 | Test mse: 240.97 | Time: 156.13mins | Ep time: 22.22s, Test time: 1.65s
512 e: 431
513 e: 432
514 e: 433
515 e: 434
516 e: 435
517 e: 436
518 e: 437
519 e: 438
520 e: 439
521 e: 440
522 [2022-07-31 10:50:49.479] Ep: 440 | Last ep: mae 11.84, mse: 242.19 | Test mae: 11.82 | Test mse: 241.28 | Time: 159.87mins | Ep time: 21.90s, Test time: 1.49s
523 e: 441
524 e: 442
525 e: 443
526 e: 444
527 e: 445
528 e: 446
529 e: 447
530 e: 448
531 e: 449
532 e: 450
533 [2022-07-31 10:54:48.042] Ep: 450 | Last ep: mae 11.84, mse: 242.13 | Test mae: 11.80 | Test mse: 241.41 | Time: 163.84mins | Ep time: 24.42s, Test time: 1.54s
534 e: 451
535 e: 452
536 e: 453
537 e: 454
538 e: 455
539 e: 456
540 e: 457
541 e: 458
542 e: 459
543 e: 460
544 [2022-07-31 10:58:26.688] Ep: 460 | Last ep: mae 11.84, mse: 242.14 | Test mae: 11.86 | Test mse: 243.68 | Time: 167.49mins | Ep time: 21.68s, Test time: 1.80s
545 e: 461

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546 e: 462
547 e: 463
548 e: 464
549 e: 465
550 e: 466
551 e: 467
552 e: 468
553 e: 469
554 e: 470
555 [2022-07-31 11:02:12.167] Ep: 470 | Last ep: mae 11.84, mse: 242.09 | Test mae: 11.85 | Test mse: 241.28 | Time: 171.25mins | Ep time: 22.11s, Test time: 1.64s
556 e: 471
557 e: 472
558 e: 473
559 e: 474
560 e: 475
561 e: 476
562 e: 477
563 e: 478
564 e: 479
565 e: 480
566 [2022-07-31 11:06:02.343] Ep: 480 | Last ep: mae 11.84, mse: 242.12 | Test mae: 11.81 | Test mse: 241.45 | Time: 175.08mins | Ep time: 22.48s, Test time: 2.00s
567 e: 481
568 e: 482
569 e: 483
570 e: 484
571 e: 485
572 e: 486
573 e: 487
574 e: 488
575 e: 489
576 e: 490
577 [2022-07-31 11:09:45.396] Ep: 490 | Last ep: mae 11.84, mse: 242.07 | Test mae: 11.79 | Test mse: 241.15 | Time: 178.80mins | Ep time: 22.01s, Test time: 1.65s
578 e: 491
579 e: 492
580 e: 493
581 e: 494
582 e: 495
583 e: 496
584 e: 497
585 e: 498
586 e: 499
587 e: 500
588 [2022-07-31 11:13:50.084] Ep: 500 | Last ep: mae 11.84, mse: 242.14 | Test mae: 11.79 | Test mse: 240.71 | Time: 182.88mins | Ep time: 22.94s, Test time: 1.90s
589 e: 501
590 e: 502
591 e: 503
592 e: 504
593 e: 505
594 e: 506
595 e: 507
596 e: 508
597 e: 509
598 e: 510
599 [2022-07-31 11:17:42.243] Ep: 510 | Last ep: mae 11.84, mse: 241.98 | Test mae: 11.81 | Test mse: 240.94 | Time: 186.75mins | Ep time: 22.63s, Test time: 2.02s
600 e: 511
601 e: 512
602 e: 513
603 e: 514
604 e: 515
605 e: 516
606 e: 517
607 e: 518
608 e: 519
609 e: 520
610 [2022-07-31 11:21:28.746] Ep: 520 | Last ep: mae 11.84, mse: 241.98 | Test mae: 11.81 | Test mse: 241.37 | Time: 190.52mins | Ep time: 21.43s, Test time: 1.49s
611 e: 521
612 e: 522
613 e: 523
614 e: 524
615 e: 525
616 e: 526
617 e: 527
618 e: 528
619 e: 529
620 e: 530
621 [2022-07-31 11:25:21.872] Ep: 530 | Last ep: mae 11.84, mse: 241.97 | Test mae: 11.82 | Test mse: 242.01 | Time: 194.41mins | Ep time: 22.95s, Test time: 2.03s
622 e: 531
623 e: 532

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624 e: 533
625 e: 534
626 e: 535
627 e: 536
628 e: 537
629 e: 538
630 e: 539
631 e: 540
632 [2022-07-31 11:29:13.753] Ep: 540 | Last ep: mae 11.84, mse: 242.03 | Test mae: 11.80 | Test mse: 240.78 | Time: 198.27mins | Ep time: 22.71s, Test time: 1.62s
633 e: 541
634 e: 542
635 e: 543
636 e: 544
637 e: 545
638 e: 546
639 e: 547
640 e: 548
641 e: 549
642 e: 550
643 [2022-07-31 11:33:02.936] Ep: 550 | Last ep: mae 11.84, mse: 241.96 | Test mae: 11.79 | Test mse: 241.29 | Time: 202.09mins | Ep time: 22.00s, Test time: 1.63s
644 e: 551
645 e: 552
646 e: 553
647 e: 554
648 e: 555
649 e: 556
650 e: 557
651 e: 558
652 e: 559
653 e: 560
654 [2022-07-31 11:36:51.335] Ep: 560 | Last ep: mae 11.84, mse: 241.94 | Test mae: 11.81 | Test mse: 241.57 | Time: 205.90mins | Ep time: 22.28s, Test time: 1.64s
655 e: 561
656 e: 562
657 e: 563
658 e: 564
659 e: 565
660 e: 566
661 e: 567
662 e: 568
663 e: 569
664 e: 570
665 [2022-07-31 11:40:36.069] Ep: 570 | Last ep: mae 11.84, mse: 241.93 | Test mae: 11.78 | Test mse: 241.15 | Time: 209.65mins | Ep time: 22.29s, Test time: 1.62s
666 e: 571
667 e: 572
668 e: 573
669 e: 574
670 e: 575
671 e: 576
672 e: 577
673 e: 578
674 e: 579
675 e: 580
676 [2022-07-31 11:44:21.841] Ep: 580 | Last ep: mae 11.83, mse: 241.84 | Test mae: 11.82 | Test mse: 241.36 | Time: 213.41mins | Ep time: 21.67s, Test time: 1.53s
677 e: 581
678 e: 582
679 e: 583
680 e: 584
681 e: 585
682 e: 586
683 e: 587
684 e: 588
685 e: 589
686 e: 590
687 [2022-07-31 11:48:01.010] Ep: 590 | Last ep: mae 11.83, mse: 241.93 | Test mae: 11.84 | Test mse: 241.42 | Time: 217.06mins | Ep time: 21.46s, Test time: 1.50s
688 e: 591
689 e: 592
690 e: 593
691 e: 594
692 e: 595
693 e: 596
694 e: 597
695 e: 598
696 e: 599
697 e: 600
698 [2022-07-31 11:51:43.865] Ep: 600 | Last ep: mae 11.83, mse: 241.76 | Test mae: 11.80 | Test mse: 241.00 | Time: 220.78mins | Ep time: 22.23s, Test time: 1.70s
699 e: 601
700 e: 602
701 e: 603

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702 e: 604
703 e: 605
704 e: 606
705 e: 607
706 e: 608
707 e: 609
708 e: 610
709 [2022-07-31 11:55:29.521] Ep: 610 | Last ep: mae 11.83, mse: 241.82 | Test mae: 11.82 | Test mse: 240.97 | Time: 224.54mins | Ep time: 21.53s, Test time: 1.54s
710 e: 611
711 e: 612
712 e: 613
713 e: 614
714 e: 615
715 e: 616
716 e: 617
717 e: 618
718 e: 619
719 e: 620
720 [2022-07-31 11:59:20.188] Ep: 620 | Last ep: mae 11.83, mse: 241.80 | Test mae: 11.87 | Test mse: 241.68 | Time: 228.38mins | Ep time: 23.10s, Test time: 1.60s
721 e: 621
722 e: 622
723 e: 623
724 e: 624
725 e: 625
726 e: 626
727 e: 627
728 e: 628
729 e: 629
730 e: 630
731 [2022-07-31 12:03:08.016] Ep: 630 | Last ep: mae 11.83, mse: 241.80 | Test mae: 11.78 | Test mse: 240.70 | Time: 232.18mins | Ep time: 22.36s, Test time: 1.74s
732 e: 631
733 e: 632
734 e: 633
735 e: 634
736 e: 635
737 e: 636
738 e: 637
739 e: 638
740 e: 639
741 e: 640
742 [2022-07-31 12:06:48.958] Ep: 640 | Last ep: mae 11.83, mse: 241.78 | Test mae: 11.87 | Test mse: 241.22 | Time: 235.86mins | Ep time: 21.87s, Test time: 1.52s
743 e: 641
744 e: 642
745 e: 643
746 e: 644
747 e: 645
748 e: 646
749 e: 647
750 e: 648
751 e: 649
752 e: 650
753 [2022-07-31 12:10:28.645] Ep: 650 | Last ep: mae 11.83, mse: 241.76 | Test mae: 11.77 | Test mse: 241.22 | Time: 239.52mins | Ep time: 21.58s, Test time: 1.88s
754 e: 651
755 e: 652
756 e: 653
757 e: 654
758 e: 655
759 e: 656
760 e: 657
761 e: 658
762 e: 659
763 e: 660
764 [2022-07-31 12:14:08.051] Ep: 660 | Last ep: mae 11.83, mse: 241.78 | Test mae: 11.82 | Test mse: 241.70 | Time: 243.18mins | Ep time: 22.62s, Test time: 1.49s
765 e: 661
766 e: 662
767 e: 663
768 e: 664
769 e: 665
770 e: 666
771 e: 667
772 e: 668
773 e: 669
774 e: 670
775 [2022-07-31 12:17:48.271] Ep: 670 | Last ep: mae 11.83, mse: 241.69 | Test mae: 11.86 | Test mse: 242.05 | Time: 246.85mins | Ep time: 21.99s, Test time: 1.84s
776 e: 671
777 e: 672
778 e: 673
779 e: 674

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780 e: 675
781 e: 676
782 e: 677
783 e: 678
784 e: 679
785 e: 680
786 [2022-07-31 12:21:28.039] Ep: 680 | Last ep: mae 11.83, mse: 241.70 | Test mae: 11.78 | Test mse: 241.13 | Time: 250.51mins | Ep time: 21.55s, Test time: 1.48s
787 e: 681
788 e: 682
789 e: 683
790 e: 684
791 e: 685
792 e: 686
793 e: 687
794 e: 688
795 e: 689
796 e: 690
797 [2022-07-31 12:25:08.076] Ep: 690 | Last ep: mae 11.83, mse: 241.64 | Test mae: 11.78 | Test mse: 240.91 | Time: 254.18mins | Ep time: 22.09s, Test time: 1.50s
798 e: 691
799 e: 692
800 e: 693
801 e: 694
802 e: 695
803 e: 696
804 e: 697
805 e: 698
806 e: 699
807 e: 700
808 [2022-07-31 12:28:45.752] Ep: 700 | Last ep: mae 11.82, mse: 241.62 | Test mae: 11.84 | Test mse: 241.06 | Time: 257.81mins | Ep time: 22.03s, Test time: 1.49s
809 e: 701
810 e: 702
811 e: 703
812 e: 704
813 e: 705
814 e: 706
815 e: 707
816 e: 708
817 e: 709
818 e: 710
819 [2022-07-31 12:32:23.093] Ep: 710 | Last ep: mae 11.83, mse: 241.62 | Test mae: 11.79 | Test mse: 241.04 | Time: 261.43mins | Ep time: 21.70s, Test time: 1.49s
820 e: 711
821 e: 712
822 e: 713
823 e: 714
824 e: 715
825 e: 716
826 e: 717
827 e: 718
828 e: 719
829 e: 720
830 [2022-07-31 12:36:01.474] Ep: 720 | Last ep: mae 11.82, mse: 241.59 | Test mae: 11.77 | Test mse: 240.62 | Time: 265.07mins | Ep time: 21.43s, Test time: 1.59s
831 e: 721
832 e: 722
833 e: 723
834 e: 724
835 e: 725
836 e: 726
837 e: 727
838 e: 728
839 e: 729
840 e: 730
841 [2022-07-31 12:39:39.975] Ep: 730 | Last ep: mae 11.82, mse: 241.53 | Test mae: 11.84 | Test mse: 241.66 | Time: 268.71mins | Ep time: 21.54s, Test time: 1.54s
842 e: 731
843 e: 732
844 e: 733
845 e: 734
846 e: 735
847 e: 736
848 e: 737
849 e: 738
850 e: 739
851 e: 740
852 [2022-07-31 12:43:18.634] Ep: 740 | Last ep: mae 11.82, mse: 241.56 | Test mae: 11.79 | Test mse: 240.98 | Time: 272.35mins | Ep time: 21.84s, Test time: 1.48s
853 e: 741
854 e: 742
855 e: 743
856 e: 744
857 e: 745

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858 e: 746
859 e: 747
860 e: 748
861 e: 749
862 e: 750
863 [2022-07-31 13:11:56.635] Ep: 750 | Last ep: mae 11.82, mse: 241.52 | Test mae: 11.83 | Test mse: 241.06 | Time: 300.99mins | Ep time: 21.17s, Test time: 1.49s
864 e: 751
865 e: 752
866 e: 753
867 e: 754
868 e: 755
869 e: 756
870 e: 757
871 e: 758
872 e: 759
873 e: 760
874 [2022-07-31 13:15:30.251] Ep: 760 | Last ep: mae 11.82, mse: 241.63 | Test mae: 11.81 | Test mse: 240.79 | Time: 304.55mins | Ep time: 21.19s, Test time: 1.49s
875 e: 761
876 e: 762
877 e: 763
878 e: 764
879 e: 765
880 e: 766
881 e: 767
882 e: 768
883 e: 769
884 e: 770
885 [2022-07-31 13:19:03.293] Ep: 770 | Last ep: mae 11.82, mse: 241.55 | Test mae: 11.80 | Test mse: 241.14 | Time: 308.10mins | Ep time: 21.11s, Test time: 1.48s
886 e: 771
887 e: 772
888 e: 773
889 e: 774
890 e: 775
891 e: 776
892 e: 777
893 e: 778
894 e: 779
895 e: 780
896 [2022-07-31 13:22:37.360] Ep: 780 | Last ep: mae 11.82, mse: 241.49 | Test mae: 11.76 | Test mse: 240.66 | Time: 311.67mins | Ep time: 21.16s, Test time: 1.47s
897 e: 781
898 e: 782
899 e: 783
900 e: 784
901 e: 785
902 e: 786
903 e: 787
904 e: 788
905 e: 789
906 e: 790
907 [2022-07-31 13:26:11.470] Ep: 790 | Last ep: mae 11.82, mse: 241.53 | Test mae: 11.80 | Test mse: 240.88 | Time: 315.24mins | Ep time: 21.23s, Test time: 1.55s
908 e: 791
909 e: 792
910 e: 793
911 e: 794
912 e: 795
913 e: 796
914 e: 797
915 e: 798
916 e: 799
917 e: 800
918 [2022-07-31 13:29:45.041] Ep: 800 | Last ep: mae 11.82, mse: 241.52 | Test mae: 11.77 | Test mse: 240.57 | Time: 318.79mins | Ep time: 21.12s, Test time: 1.53s
919 e: 801
920 e: 802
921 e: 803
922 e: 804
923 e: 805
924 e: 806
925 e: 807
926 e: 808
927 e: 809
928 e: 810
929 [2022-07-31 13:33:18.882] Ep: 810 | Last ep: mae 11.82, mse: 241.45 | Test mae: 11.79 | Test mse: 240.81 | Time: 322.36mins | Ep time: 21.24s, Test time: 1.54s
930 e: 811
931 e: 812
932 e: 813
933 e: 814
934 e: 815
935 e: 816

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936 e: 817
937 e: 818
938 e: 819
939 e: 820
940 [2022-07-31 13:36:52.615] Ep: 820 | Last ep: mae 11.82, mse: 241.47 | Test mae: 11.78 | Test mse: 240.55 | Time: 325.92mins | Ep time: 21 .19s, Test time: 1.48s
941 e: 821
942 e: 822
943 e: 823
944 e: 824
945 e: 825
946 e: 826
947 e: 827
948 e: 828
949 e: 829
950 e: 830
951 [2022-07-31 13:40:26.688] Ep: 830 | Last ep: mae 11.82, mse: 241.46 | Test mae: 11.80 | Test mse: 240.50 | Time: 329.49mins | Ep time: 21 .32s, Test time: 1.53s
952 e: 831
953 e: 832
954 e: 833
955 e: 834
956 e: 835
957 e: 836
958 e: 837
959 e: 838
960 e: 839
961 e: 840
962 [2022-07-31 13:44:00.574] Ep: 840 | Last ep: mae 11.82, mse: 241.40 | Test mae: 11.77 | Test mse: 240.72 | Time: 333.05mins | Ep time: 21 .15s, Test time: 1.46s
963 e: 841
964 e: 842
965 e: 843
966 e: 844
967 e: 845
968 e: 846
969 e: 847
970 e: 848
971 e: 849
972 e: 850
973 [2022-07-31 13:47:34.040] Ep: 850 | Last ep: mae 11.82, mse: 241.38 | Test mae: 11.80 | Test mse: 241.07 | Time: 336.61mins | Ep time: 21 .20s, Test time: 1.49s
974 e: 851
975 e: 852
976 e: 853
977 e: 854
978 e: 855
979 e: 856
980 e: 857
981 e: 858
982 e: 859
983 e: 860
984 [2022-07-31 13:51:07.856] Ep: 860 | Last ep: mae 11.82, mse: 241.46 | Test mae: 11.77 | Test mse: 240.37 | Time: 340.18mins | Ep time: 21 .18s, Test time: 1.49s
985 e: 861
986 e: 862
987 e: 863
988 e: 864
989 e: 865
990 e: 866
991 e: 867
992 e: 868
993 e: 869
994 e: 870
995 [2022-07-31 13:54:42.316] Ep: 870 | Last ep: mae 11.82, mse: 241.43 | Test mae: 11.81 | Test mse: 240.35 | Time: 343.75mins | Ep time: 21 .12s, Test time: 1.50s
996 e: 871
997 e: 872
998 e: 873
999 e: 874
1000 e: 875
1001 e: 876
1002 e: 877
1003 e: 878
1004 e: 879
1005 e: 880
1006 [2022-07-31 13:58:16.414] Ep: 880 | Last ep: mae 11.82, mse: 241.39 | Test mae: 11.79 | Test mse: 240.59 | Time: 347.32mins | Ep time: 21 .14s, Test time: 1.51s
1007 e: 881
1008 e: 882
1009 e: 883
1010 e: 884
1011 e: 885
1012 e: 886
1013 e: 887

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1014 e: 888
1015 e: 889
1016 e: 890
1017 [2022-07-31 14:01:50.695] Ep: 890 | Last ep: mae 11.82, mse: 241.40 | Test mae: 11.78 | Test mse: 240.65 | Time: 350.89mins | Ep time: 21 .19s, Test time: 1.54s
1018 e: 891
1019 e: 892
1020 e: 893
1021 e: 894
1022 e: 895
1023 e: 896
1024 e: 897
1025 e: 898
1026 e: 899
1027 e: 900
1028 [2022-07-31 14:05:24.534] Ep: 900 | Last ep: mae 11.82, mse: 241.41 | Test mae: 11.83 | Test mse: 240.76 | Time: 354.45mins | Ep time: 21 .26s, Test time: 1.67s
1029 e: 901
1030 e: 902
1031 e: 903
1032 e: 904
1033 e: 905
1034 e: 906
1035 e: 907
1036 e: 908
1037 e: 909
1038 e: 910
1039 [2022-07-31 14:08:57.803] Ep: 910 | Last ep: mae 11.82, mse: 241.40 | Test mae: 11.77 | Test mse: 240.46 | Time: 358.01mins | Ep time: 21 .20s, Test time: 1.49s
1040 e: 911
1041 e: 912
1042 e: 913
1043 e: 914
1044 e: 915
1045 e: 916
1046 e: 917
1047 e: 918
1048 e: 919
1049 e: 920
1050 [2022-07-31 14:12:31.372] Ep: 920 | Last ep: mae 11.82, mse: 241.45 | Test mae: 11.85 | Test mse: 241.31 | Time: 361.57mins | Ep time: 21 .09s, Test time: 1.49s
1051 e: 921
1052 e: 922
1053 e: 923
1054 e: 924
1055 e: 925
1056 e: 926
1057 e: 927
1058 e: 928
1059 e: 929
1060 e: 930
1061 [2022-07-31 14:16:04.611] Ep: 930 | Last ep: mae 11.82, mse: 241.39 | Test mae: 11.78 | Test mse: 240.61 | Time: 365.12mins | Ep time: 21 .22s, Test time: 1.53s
1062 e: 931
1063 e: 932
1064 e: 933
1065 e: 934
1066 e: 935
1067 e: 936
1068 e: 937
1069 e: 938
1070 e: 939
1071 e: 940
1072 [2022-07-31 14:19:38.010] Ep: 940 | Last ep: mae 11.82, mse: 241.28 | Test mae: 11.80 | Test mse: 240.81 | Time: 368.68mins | Ep time: 21 .20s, Test time: 1.46s
1073 e: 941
1074 e: 942
1075 e: 943
1076 e: 944
1077 e: 945
1078 e: 946
1079 e: 947
1080 e: 948
1081 e: 949
1082 e: 950
1083 [2022-07-31 14:23:13.147] Ep: 950 | Last ep: mae 11.82, mse: 241.31 | Test mae: 11.83 | Test mse: 240.93 | Time: 372.26mins | Ep time: 21 .10s, Test time: 1.47s
1084 e: 951
1085 e: 952
1086 e: 953
1087 e: 954
1088 e: 955
1089 e: 956
1090 e: 957
1091 e: 958

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1092 e: 959
1093 e: 960
1094 [2022-07-31 14:26:46.909] Ep: 960 | Last ep: mae 11.82, mse: 241.32 | Test mae: 11.82 | Test mse: 240.49 | Time: 375.83mins | Ep time: 21
.06s, Test time: 1.47s
1095 e: 961
1096 e: 962
1097 e: 963
1098 e: 964
1099 e: 965
1100 e: 966
1101 e: 967
1102 e: 968
1103 e: 969
1104 e: 970
1105 [2022-07-31 14:30:20.502] Ep: 970 | Last ep: mae 11.82, mse: 241.31 | Test mae: 11.78 | Test mse: 240.70 | Time: 379.39mins | Ep time: 21
.17s, Test time: 1.51s
1106 e: 971
1107 e: 972
1108 e: 973
1109 e: 974
1110 e: 975
1111 e: 976
1112 e: 977
1113 e: 978
1114 e: 979
1115 e: 980
1116 [2022-07-31 14:33:53.917] Ep: 980 | Last ep: mae 11.82, mse: 241.30 | Test mae: 11.80 | Test mse: 240.36 | Time: 382.94mins | Ep time: 21
.27s, Test time: 1.48s
1117 e: 981
1118 e: 982
1119 e: 983
1120 e: 984
1121 e: 985
1122 e: 986
1123 e: 987
1124 e: 988
1125 e: 989
1126 e: 990
1127 [2022-07-31 14:37:27.649] Ep: 990 | Last ep: mae 11.82, mse: 241.33 | Test mae: 11.79 | Test mse: 240.34 | Time: 386.50mins | Ep time: 21
.15s, Test time: 1.47s
1128 e: 991
1129 e: 992
1130 e: 993
1131 e: 994
1132 e: 995
1133 e: 996
1134 e: 997
1135 e: 998
1136 e: 999
1137 e: 1000
1138 [2022-07-31 14:41:02.896] Ep: 1000 | Last ep: mae 11.82, mse: 241.26 | Test mae: 11.78 | Test mse: 240.88 | Time: 390.09mins | Ep time:
21.35s, Test time: 1.49s
1139
1140 Process finished with exit code 0
1141
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