



Files



{x}



- 2021\_01\_11\_13\_32\_Cr...
- 2021\_01\_11\_23\_43\_Cr...
- 2021\_01\_11\_23\_48\_Cr...
- 2021\_01\_18\_22\_18\_Cr...
- 2021\_01\_21\_20\_06\_Cr...
- 2021\_01\_22\_16\_34\_Cr...
- 2021\_01\_23\_20\_31\_Cr...
- 2021\_01\_25\_22\_17\_Cr...
- 2021\_01\_31\_20\_04\_Cr...
- sample\_data
- BTCUSD\_1h.csv
- Download.py
- Download\_example.py
- indicators.py
- model.py
- multiprocessing\_env.py
- multiprocessing\_exam...
- pricedata.csv
- test\_results.txt
- utils.py

+ Code + Text

RAM  
Disk

```
# multiprocessing training/testing. Note = run from cmd or terminal
agent = CustomAgent(lookback_window_size=lookback_window_size, lr=0.00001, epochs=5, optimizer=Adam, ba
#train_multiprocessing(CustomEnv, agent, train_df, num_worker = 32, training_batch_size=500, visualize=
test_multiprocessing(CustomEnv, agent, test_df, num_worker = 16, visualize=False, test_episodes=1000, 1
```

... dense\_17 (Dense) (None, 3) 195

=====  
Total params: 897539 (3.42 MB)  
Trainable params: 897539 (3.42 MB)  
Non-trainable params: 0 (0.00 Byte)

None

/usr/local/lib/python3.10/dist-packages/keras/src/engine/training\_v1.py:2359: UserWarning: `Model.state\_updates`  
updates=self.state\_updates,

episode: 1	worker: 0	net worth: 1088.88	average_net_worth: 1088.88	orders: 211
episode: 2	worker: 1	net worth: 1272.35	average_net_worth: 1180.61	orders: 241
episode: 3	worker: 2	net worth: 1298.97	average_net_worth: 1220.06	orders: 243
episode: 4	worker: 3	net worth: 1304.30	average_net_worth: 1241.12	orders: 277
episode: 5	worker: 4	net worth: 1086.37	average_net_worth: 1210.17	orders: 231
episode: 6	worker: 5	net worth: 1233.43	average_net_worth: 1214.05	orders: 233
episode: 7	worker: 6	net worth: 1258.58	average_net_worth: 1220.41	orders: 245
episode: 8	worker: 7	net worth: 1207.98	average_net_worth: 1218.86	orders: 243
episode: 9	worker: 8	net worth: 1414.52	average_net_worth: 1240.60	orders: 243
episode: 10	worker: 9	net worth: 1217.93	average_net_worth: 1238.33	orders: 271
episode: 11	worker: 10	net worth: 1356.71	average_net_worth: 1249.09	orders: 251
episode: 12	worker: 11	net worth: 1258.63	average_net_worth: 1249.89	orders: 251
episode: 13	worker: 12	net worth: 1480.22	average_net_worth: 1267.61	orders: 263
episode: 14	worker: 13	net worth: 1253.67	average_net_worth: 1266.61	orders: 237
episode: 15	worker: 14	net worth: 1185.31	average_net_worth: 1261.19	orders: 241
episode: 16	worker: 15	net worth: 1248.07	average_net_worth: 1260.37	orders: 213
episode: 17	worker: 0	net worth: 1204.60	average_net_worth: 1257.09	orders: 239
episode: 18	worker: 1	net worth: 1278.21	average_net_worth: 1258.26	orders: 229
episode: 19	worker: 2	net worth: 1256.88	average_net_worth: 1258.19	orders: 249
episode: 20	worker: 3	net worth: 1258.88	average_net_worth: 1258.22	orders: 253