```
1   Using Spark's default log4j profile: org/apache/spark/log4j-defaults.properties
2   19/11/11 13:06:54 INFO SparkContext: Running Spark version 2.2.0
3   19/11/11 13:06:54 WARN NativeCodeLoader: Unable to load native-hadoop library for your
    platform... using builtin-java classes where applicable
4   19/11/11 13:06:56 INFO Utils: Successfully started service 'sparkDriver' on port 61421.
5   19/11/11 13:06:56 INFO SparkEnv: Registering MapOutputTracker
6   19/11/11 13:06:56 INFO SparkEnv: Registering BlockManagerMaster
7   19/11/11 13:06:56 INFO BlockManagerMasterEndpoint: Using
    org.apache.spark.storage.DefaultTopologyMapper for getting topology information
8   19/11/11 13:06:56 INFO BlockManagerMasterEndpoint: BlockManagerMasterEndpoint up
9   19/11/11 13:06:56 INFO DiskBlockManager: Created local directory at
    C:\Users\jaiswgir\AppData\Local\Temp\blockmgr-b292d1eb-a215-48dc-8902-0f49454b6b87
10  19/11/11 13:06:56 INFO MemoryStore: MemoryStore started with capacity 1989.6 MB
11  19/11/11 13:06:57 INFO SparkEnv: Registering OutputCommitCoordinator
12  19/11/11 13:06:57 INFO Utils: Successfully started service 'SparkUI' on port 4040.
13  19/11/11 13:06:57 INFO SparkUI: Bound SparkUI to 0.0.0.0, and started at
    http://192.168.1.8:4040
14  19/11/11 13:06:57 INFO Executor: Starting executor ID driver on host localhost
15  19/11/11 13:06:57 INFO Utils: Successfully started service
    'org.apache.spark.network.netty.NettyBlockTransferService' on port 61462.
16  19/11/11 13:06:57 INFO NettyBlockTransferService: Server created on 192.168.1.8:61462
17  19/11/11 13:06:57 INFO BlockManager: Using
    org.apache.spark.storage.RandomBlockReplicationPolicy for block replication policy
18  19/11/11 13:06:57 INFO BlockManagerMaster: Registering BlockManager
    BlockManagerId(driver, 192.168.1.8, 61462, None)
19  19/11/11 13:06:57 INFO BlockManagerMasterEndpoint: Registering block manager
    192.168.1.8:61462 with 1989.6 MB RAM, BlockManagerId(driver, 192.168.1.8, 61462, None)
20  19/11/11 13:06:57 INFO BlockManagerMaster: Registered BlockManager
    BlockManagerId(driver, 192.168.1.8, 61462, None)
21  19/11/11 13:06:57 INFO BlockManager: Initialized BlockManager: BlockManagerId(driver,
    192.168.1.8, 61462, None)
22  19/11/11 13:06:58 WARN KafkaUtils: overriding enable.auto.commit to false for executor
23  19/11/11 13:06:58 WARN KafkaUtils: overriding auto.offset.reset to none for executor
24  19/11/11 13:06:58 WARN KafkaUtils: overriding executor group.id to
    spark-executor-test-group
25  19/11/11 13:06:58 WARN KafkaUtils: overriding receive.buffer.bytes to 65536 see
    KAFKA-3135
26  -------------------------------------------
27  Time: 1573457820000 ms
28  -------------------------------------------
29  Stock [symbol=BTC, timestamp=2019-11-11 12:14:00, priceData=PriceData [open=8824.19,
    close=8792.77, high=8824.3, low=8792.09, volume=-2168465.31]]
30  Stock [symbol=ETH, timestamp=2019-11-11 12:14:00, priceData=PriceData [open=186.85,
    close=186.54, high=186.86, low=186.53, volume=-45664.939999999995]]
31  Stock [symbol=LTC, timestamp=2019-11-11 12:14:00, priceData=PriceData [open=61.91,
    close=61.7, high=61.91, low=61.7, volume=-25154.25]]
32  Stock [symbol=XRP, timestamp=2019-11-11 12:14:00, priceData=PriceData [open=0.2746,
    close=0.274, high=0.2746, low=0.2739, volume=83974.06999999999]]
33  Stock [symbol=BTC, timestamp=2019-11-11 12:15:00, priceData=PriceData [open=8788.91,
    close=8762.74, high=8798.12, low=8760.39, volume=-1724053.54]]
34  Stock [symbol=ETH, timestamp=2019-11-11 12:15:00, priceData=PriceData [open=186.55,
    close=185.86, high=186.63, low=185.86, volume=-112560.32]]
35  Stock [symbol=LTC, timestamp=2019-11-11 12:15:00, priceData=PriceData [open=61.69,
    close=61.44, high=61.74, low=61.44, volume=-120828.48]]
36  Stock [symbol=XRP, timestamp=2019-11-11 12:15:00, priceData=PriceData [open=0.274,
    close=0.273, high=0.2741, low=0.273, volume=482000.12000000005]]
37  Stock [symbol=BTC, timestamp=2019-11-11 12:16:00, priceData=PriceData [open=8758.87,
    close=8764.69, high=8765.97, low=8747.25, volume=-6664797.68]]
38  Stock [symbol=ETH, timestamp=2019-11-11 12:16:00, priceData=PriceData [open=185.87,
    close=186.01, high=186.04, low=185.8, volume=-150918.73]]
39  ...
40
41  -------------------------------------------
42  Time: 1573457820000 ms
```

```
43   ------------------------------------------
44   (BTC,MaxTradingVolume ---> 8789.233529411764)
45   (ETH,MaxTradingVolume ---> 186.55058823529413)
46   (LTC,MaxTradingVolume ---> 61.83235294117645)
47   (XRP,MaxTradingVolume ---> 0.27453921568627465)
48
49   ------------------------------------------
50   Time: 1573457820000 ms
51   ------------------------------------------
52   (XRP,MaxProfit ---> 5.999999999999894E-4)
53
54   ------------------------------------------
55   Time: 1573457820000 ms
56   ------------------------------------------
57   (BTC,MaxTradingVolume ---> 2.0506328584000003E7)
58
59   ------------------------------------------
60   Time: 1573457880000 ms
61   ------------------------------------------
62   Stock [symbol=BTC, timestamp=2019-11-11 13:06:00, priceData=PriceData [open=8795.37,
      close=8801.0, high=8802.02, low=8794.59, volume=-30167.342]]
63   Stock [symbol=ETH, timestamp=2019-11-11 13:06:00, priceData=PriceData [open=186.72,
      close=186.63, high=186.81, low=186.63, volume=-5528.53]]
64   Stock [symbol=LTC, timestamp=2019-11-11 13:06:00, priceData=PriceData [open=61.71,
      close=61.73, high=61.74, low=61.71, volume=-2487.4300000000003]]
65   Stock [symbol=XRP, timestamp=2019-11-11 13:06:00, priceData=PriceData [open=0.2749,
      close=0.2749, high=0.2749, low=0.2749, volume=1881.5]]
66
67   ------------------------------------------
68   Time: 1573457880000 ms
69   ------------------------------------------
70   (BTC,MaxTradingVolume ---> 8789.459807692307)
71   (ETH,MaxTradingVolume ---> 186.55211538461538)
72   (LTC,MaxTradingVolume ---> 61.830384615384595)
73   (XRP,MaxTradingVolume ---> 0.274546153846154)
74
75   ------------------------------------------
76   Time: 1573457880000 ms
77   ------------------------------------------
78   (XRP,MaxProfit ---> 5.999999999999894E-4)
79
80   ------------------------------------------
81   Time: 1573457880000 ms
82   ------------------------------------------
83   (BTC,MaxTradingVolume ---> 2.0536495926000003E7)
84
85   ------------------------------------------
86   Time: 1573457940000 ms
87   ------------------------------------------
88   Stock [symbol=BTC, timestamp=2019-11-11 13:07:00, priceData=PriceData [open=8800.93,
      close=8800.48, high=8801.83, low=8797.89, volume=-18830.142]]
89   Stock [symbol=ETH, timestamp=2019-11-11 13:07:00, priceData=PriceData [open=186.61,
      close=186.7, high=186.7, low=186.6, volume=-5971.68]]
90   Stock [symbol=LTC, timestamp=2019-11-11 13:07:00, priceData=PriceData [open=61.73,
      close=61.74, high=61.74, low=61.72, volume=-3100.08]]
91   Stock [symbol=XRP, timestamp=2019-11-11 13:07:00, priceData=PriceData [open=0.2749,
      close=0.2748, high=0.2749, low=0.2748, volume=2134.5499999999997]]
92
93   ------------------------------------------
94   Time: 1573457940000 ms
95   ------------------------------------------
96   (BTC,MaxTradingVolume ---> 8789.667735849054)
97   (ETH,MaxTradingVolume ---> 186.55490566037736)
98   (LTC,MaxTradingVolume ---> 61.82867924528299)
```

```
 99    (XRP,MaxTradingVolume ---> 0.274550943962266)
100
101    ---------------------------------------------
102    Time: 1573457940000 ms
103    ---------------------------------------------
104    (XRP,MaxProfit ---> 5.000000000000004E-4)
105
106    ---------------------------------------------
107    Time: 1573457940000 ms
108    ---------------------------------------------
109    (BTC,MaxTradingVolume ---> 2.0555326068000004E7)
110
111    ---------------------------------------------
112    Time: 1573458000000 ms
113    ---------------------------------------------
114    Stock [symbol=BTC, timestamp=2019-11-11 13:08:00, priceData=PriceData [open=8800.48,
       close=8800.83, high=8802.26, low=8797.74, volume=-96113.01]]
115    Stock [symbol=ETH, timestamp=2019-11-11 13:08:00, priceData=PriceData [open=186.7,
       close=186.64, high=186.7, low=186.64, volume=-686.721]]
116    Stock [symbol=LTC, timestamp=2019-11-11 13:08:00, priceData=PriceData [open=61.74,
       close=61.74, high=61.74, low=61.73, volume=-1266.49]]
117    Stock [symbol=XRP, timestamp=2019-11-11 13:08:00, priceData=PriceData [open=0.2748,
       close=0.2749, high=0.275, low=0.2748, volume=6046.41]]
118
119    ---------------------------------------------
120    Time: 1573458000000 ms
121    ---------------------------------------------
122    (BTC,MaxTradingVolume ---> 8789.874444444444)
123    (ETH,MaxTradingVolume ---> 186.55648148148146)
124    (LTC,MaxTradingVolume ---> 61.82703703703701)
125    (XRP,MaxTradingVolume ---> 0.2745574074074076)
126
127    ---------------------------------------------
128    Time: 1573458000000 ms
129    ---------------------------------------------
130    (XRP,MaxProfit ---> 5.999999999999894E-4)
131
132    ---------------------------------------------
133    Time: 1573458000000 ms
134    ---------------------------------------------
135    (BTC,MaxTradingVolume ---> 2.0651439078000005E7)
136
137    ---------------------------------------------
138    Time: 1573458060000 ms
139    ---------------------------------------------
140    Stock [symbol=BTC, timestamp=2019-11-11 13:09:00, priceData=PriceData [open=8800.8,
       close=8798.94, high=8800.8, low=8796.55, volume=-16242.569]]
141    Stock [symbol=ETH, timestamp=2019-11-11 13:09:00, priceData=PriceData [open=186.64,
       close=186.66, high=186.67, low=186.64, volume=-6553.04]]
142    Stock [symbol=LTC, timestamp=2019-11-11 13:09:00, priceData=PriceData [open=61.74,
       close=61.74, high=61.74, low=61.73, volume=-681.38]]
143    Stock [symbol=XRP, timestamp=2019-11-11 13:09:00, priceData=PriceData [open=0.2749,
       close=0.2748, high=0.2749, low=0.2748, volume=9993.01]]
144
145    ---------------------------------------------
146    Time: 1573458060000 ms
147    ---------------------------------------------
148    (BTC,MaxTradingVolume ---> 8790.039272727272)
149    (ETH,MaxTradingVolume ---> 186.55836363636362)
150    (LTC,MaxTradingVolume ---> 61.82545454545451)
151    (XRP,MaxTradingVolume ---> 0.27456181818181835)
152
153    ---------------------------------------------
154    Time: 1573458060000 ms
```

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155    ------------------------------------------
156    (XRP,MaxProfit ---> 5.000000000000004E-4)
157
158    ------------------------------------------
159    Time: 1573458060000 ms
160    ------------------------------------------
161    (BTC,MaxTradingVolume ---> 2.0667681647000004E7)
162
163    ------------------------------------------
164    Time: 1573458120000 ms
165    ------------------------------------------
166    Stock [symbol=BTC, timestamp=2019-11-11 13:10:00, priceData=PriceData [open=8798.94,
       close=8799.7, high=8799.7, low=8796.03, volume=-62166.986000000004]]
167    Stock [symbol=ETH, timestamp=2019-11-11 13:10:00, priceData=PriceData [open=186.66,
       close=186.68, high=186.69, low=186.65, volume=-3974.41]]
168    Stock [symbol=LTC, timestamp=2019-11-11 13:10:00, priceData=PriceData [open=61.74,
       close=61.74, high=61.74, low=61.74, volume=-189.295]]
169    Stock [symbol=XRP, timestamp=2019-11-11 13:10:00, priceData=PriceData [open=0.2748,
       close=0.2748, high=0.2749, low=0.2748, volume=5943.960000000001]]
170
171    ------------------------------------------
172    Time: 1573458120000 ms
173    ------------------------------------------
174    (BTC,MaxTradingVolume ---> 8800.189999999999)
175    (ETH,MaxTradingVolume ---> 186.66199999999998)
176    (LTC,MaxTradingVolume ---> 61.738)
177    (XRP,MaxTradingVolume ---> 0.27484)
178
179    ------------------------------------------
180    Time: 1573458120000 ms
181    ------------------------------------------
182    (BTC,MaxProfit ---> 4.430000000000291)
183
184    ------------------------------------------
185    Time: 1573458120000 ms
186    ------------------------------------------
187    (BTC,MaxTradingVolume ---> 223520.049)
188
189    ------------------------------------------
190    Time: 1573458180000 ms
191    ------------------------------------------
192    Stock [symbol=BTC, timestamp=2019-11-11 13:11:00, priceData=PriceData [open=8799.7,
       close=8799.3, high=8800.33, low=8799.16, volume=-5887.5202]]
193    Stock [symbol=ETH, timestamp=2019-11-11 13:11:00, priceData=PriceData [open=186.67,
       close=186.63, high=186.67, low=186.63, volume=-561.6560000000001]]
194    Stock [symbol=LTC, timestamp=2019-11-11 13:11:00, priceData=PriceData [open=61.74,
       close=61.74, high=61.75, low=61.72, volume=-1199.5200000000002]]
195    Stock [symbol=XRP, timestamp=2019-11-11 13:11:00, priceData=PriceData [open=0.2748,
       close=0.2749, high=0.2749, low=0.2748, volume=1022.3499999999999]]
196
197    ------------------------------------------
198    Time: 1573458180000 ms
199    ------------------------------------------
200    (BTC,MaxTradingVolume ---> 8799.85)
201    (ETH,MaxTradingVolume ---> 186.662)
202    (LTC,MaxTradingVolume ---> 61.739999999999995)
203    (XRP,MaxTradingVolume ---> 0.27484)
204
205    ------------------------------------------
206    Time: 1573458180000 ms
207    ------------------------------------------
208    (ETH,MaxProfit ---> 0.030000000000001137)
209
210    ------------------------------------------
```

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211    Time: 1573458180000 ms
212    ---------------------------------------------
213    (BTC,MaxTradingVolume ---> 199240.2272)
214
215    ---------------------------------------------
216    Time: 1573458240000 ms
217    ---------------------------------------------
218    Stock [symbol=BTC, timestamp=2019-11-11 13:12:00, priceData=PriceData [open=8799.3,
       close=8797.46, high=8799.3, low=8797.4, volume=-15705.071]]
219    Stock [symbol=ETH, timestamp=2019-11-11 13:12:00, priceData=PriceData [open=186.63,
       close=186.61, high=186.63, low=186.58, volume=-380.97799999999995]]
220    Stock [symbol=LTC, timestamp=2019-11-11 13:12:00, priceData=PriceData [open=61.74,
       close=61.74, high=61.75, low=61.74, volume=-296.676]]
221    Stock [symbol=XRP, timestamp=2019-11-11 13:12:00, priceData=PriceData [open=0.2749,
       close=0.2749, high=0.275, low=0.2749, volume=3674.48]]
222
223    ---------------------------------------------
224    Time: 1573458240000 ms
225    ---------------------------------------------
226    (BTC,MaxTradingVolume ---> 8799.246000000001)
227    (ETH,MaxTradingVolume ---> 186.644)
228    (LTC,MaxTradingVolume ---> 61.739999999999995)
229    (XRP,MaxTradingVolume ---> 0.27486)
230
231    ---------------------------------------------
232    Time: 1573458240000 ms
233    ---------------------------------------------
234    (XRP,MaxProfit ---> 9.999999999998899E-5)
235
236    ---------------------------------------------
237    Time: 1573458240000 ms
238    ---------------------------------------------
239    (BTC,MaxTradingVolume ---> 196115.1562)
240
241    ---------------------------------------------
242    Time: 1573458300000 ms
243    ---------------------------------------------
244    Stock [symbol=BTC, timestamp=2019-11-11 13:13:00, priceData=PriceData [open=8797.07,
       close=8797.59, high=8799.06, low=8797.05, volume=-41573.138]]
245    Stock [symbol=ETH, timestamp=2019-11-11 13:13:00, priceData=PriceData [open=186.61,
       close=186.61, high=186.63, low=186.6, volume=-42934.71]]
246    Stock [symbol=LTC, timestamp=2019-11-11 13:13:00, priceData=PriceData [open=61.74,
       close=61.75, high=61.75, low=61.74, volume=-419.77299999999997]]
247    Stock [symbol=XRP, timestamp=2019-11-11 13:13:00, priceData=PriceData [open=0.2749,
       close=0.275, high=0.275, low=0.2749, volume=73372.48000000001]]
248
249    ---------------------------------------------
250    Time: 1573458300000 ms
251    ---------------------------------------------
252    (BTC,MaxTradingVolume ---> 8798.597999999998)
253    (ETH,MaxTradingVolume ---> 186.638)
254    (LTC,MaxTradingVolume ---> 61.742000000000004)
255    (XRP,MaxTradingVolume ---> 0.27488)
256
257    ---------------------------------------------
258    Time: 1573458300000 ms
259    ---------------------------------------------
260    (LTC,MaxProfit ---> 0.00999999999999801)
261
262    ---------------------------------------------
263    Time: 1573458300000 ms
264    ---------------------------------------------
265    (BTC,MaxTradingVolume ---> 141575.2842)
266
```

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267    ----------------------------------------
268    Time: 1573458360000 ms
269    ----------------------------------------
270    Stock [symbol=BTC, timestamp=2019-11-11 13:14:00, priceData=PriceData [open=8797.59,
       close=8804.74, high=8804.9, low=8797.59, volume=-176792.83]]
271    Stock [symbol=ETH, timestamp=2019-11-11 13:14:00, priceData=PriceData [open=186.61,
       close=186.74, high=186.74, low=186.61, volume=-12188.06]]
272    Stock [symbol=LTC, timestamp=2019-11-11 13:14:00, priceData=PriceData [open=61.75,
       close=61.92, high=61.92, low=61.75, volume=-9385.61]]
273    Stock [symbol=XRP, timestamp=2019-11-11 13:14:00, priceData=PriceData [open=0.275,
       close=0.2752, high=0.2752, low=0.2749, volume=174968.32]]
274
275    ----------------------------------------
276    Time: 1573458360000 ms
277    ----------------------------------------
278    (BTC,MaxTradingVolume ---> 8799.758)
279    (ETH,MaxTradingVolume ---> 186.65400000000002)
280    (LTC,MaxTradingVolume ---> 61.778)
281    (XRP,MaxTradingVolume ---> 0.27496)
282
283    ----------------------------------------
284    Time: 1573458360000 ms
285    ----------------------------------------
286    (BTC,MaxProfit ---> 6.18999999999869)
287
288    ----------------------------------------
289    Time: 1573458360000 ms
290    ----------------------------------------
291    (BTC,MaxTradingVolume ---> 302125.5452)
292
293    ----------------------------------------
294    Time: 1573458420000 ms
295    ----------------------------------------
296    Stock [symbol=BTC, timestamp=2019-11-11 13:15:00, priceData=PriceData [open=8804.74,
       close=8819.56, high=8819.56, low=8804.47, volume=-21441.999]]
297    Stock [symbol=ETH, timestamp=2019-11-11 13:15:00, priceData=PriceData [open=186.74,
       close=186.91, high=186.91, low=186.74, volume=-1242.289]]
298    Stock [symbol=LTC, timestamp=2019-11-11 13:15:00, priceData=PriceData [open=61.92,
       close=61.9, high=61.92, low=61.88, volume=-10476.56]]
299    Stock [symbol=XRP, timestamp=2019-11-11 13:15:00, priceData=PriceData [open=0.2752,
       close=0.2755, high=0.2755, low=0.2752, volume=9697.4]]
300
301    ----------------------------------------
302    Time: 1573458420000 ms
303    ----------------------------------------
304    (BTC,MaxTradingVolume ---> 8803.73)
305    (ETH,MaxTradingVolume ---> 186.7)
306    (LTC,MaxTradingVolume ---> 61.81)
307    (XRP,MaxTradingVolume ---> 0.2751)
308
309    ----------------------------------------
310    Time: 1573458420000 ms
311    ----------------------------------------
312    (BTC,MaxProfit ---> 20.24999999999818)
313
314    ----------------------------------------
315    Time: 1573458420000 ms
316    ----------------------------------------
317    (XRP,MaxTradingVolume ---> 262735.03)
318
319    ----------------------------------------
320    Time: 1573458480000 ms
321    ----------------------------------------
322    Stock [symbol=BTC, timestamp=2019-11-11 13:16:00, priceData=PriceData [open=8819.56,
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       close=8819.87, high=8821.17, low=8818.98, volume=-52678.816000000006]]
323    Stock [symbol=ETH, timestamp=2019-11-11 13:16:00, priceData=PriceData [open=186.91,
       close=186.92, high=186.92, low=186.9, volume=-3125.46]]
324    Stock [symbol=LTC, timestamp=2019-11-11 13:16:00, priceData=PriceData [open=61.9,
       close=61.94, high=61.94, low=61.9, volume=-7031.610000000001]]
325    Stock [symbol=XRP, timestamp=2019-11-11 13:16:00, priceData=PriceData [open=0.2755,
       close=0.2755, high=0.2756, low=0.2755, volume=16679.89]]
326
327    -------------------------------------------
328    Time: 1573458480000 ms
329    -------------------------------------------
330    (BTC,MaxTradingVolume ---> 8807.844000000001)
331    (ETH,MaxTradingVolume ---> 186.75799999999998)
332    (LTC,MaxTradingVolume ---> 61.85)
333    (XRP,MaxTradingVolume ---> 0.27522)
334
335    -------------------------------------------
336    Time: 1573458480000 ms
337    -------------------------------------------
338    (BTC,MaxProfit ---> 20.960000000000946)
339
340    -------------------------------------------
341    Time: 1573458480000 ms
342    -------------------------------------------
343    (BTC,MaxTradingVolume ---> 308191.854)
344
345    -------------------------------------------
346    Time: 1573458540000 ms
347    -------------------------------------------
348    Stock [symbol=BTC, timestamp=2019-11-11 13:17:00, priceData=PriceData [open=8819.87,
       close=8821.7, high=8822.45, low=8819.87, volume=-18970.408000000003]]
349    Stock [symbol=ETH, timestamp=2019-11-11 13:17:00, priceData=PriceData [open=186.92,
       close=186.96, high=186.96, low=186.92, volume=-981.82]]
350    Stock [symbol=LTC, timestamp=2019-11-11 13:17:00, priceData=PriceData [open=61.94,
       close=61.96, high=61.96, low=61.94, volume=-3844.56]]
351    Stock [symbol=XRP, timestamp=2019-11-11 13:17:00, priceData=PriceData [open=0.2755,
       close=0.2755, high=0.2755, low=0.2753, volume=4787.15]]
352
353    -------------------------------------------
354    Time: 1573458540000 ms
355    -------------------------------------------
356    (BTC,MaxTradingVolume ---> 8812.692000000001)
357    (ETH,MaxTradingVolume ---> 186.828)
358    (LTC,MaxTradingVolume ---> 61.89399999999999)
359    (XRP,MaxTradingVolume ---> 0.27534000000000003)
360
361    -------------------------------------------
362    Time: 1573458540000 ms
363    -------------------------------------------
364    (BTC,MaxProfit ---> 24.63000000000102)
365
366    -------------------------------------------
367    Time: 1573458540000 ms
368    -------------------------------------------
369    (BTC,MaxTradingVolume ---> 311457.191)
370
371    -------------------------------------------
372    Time: 1573458600000 ms
373    -------------------------------------------
374    Stock [symbol=BTC, timestamp=2019-11-11 13:18:00, priceData=PriceData [open=8821.7,
       close=8820.32, high=8821.92, low=8819.34, volume=-94969.51]]
375    Stock [symbol=ETH, timestamp=2019-11-11 13:18:00, priceData=PriceData [open=186.96,
       close=187.01, high=187.01, low=186.96, volume=-3801.7799999999997]]
376    Stock [symbol=LTC, timestamp=2019-11-11 13:18:00, priceData=PriceData [open=61.96,
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       close=61.93, high=61.96, low=61.93, volume=-1761.53]]
377    Stock [symbol=XRP, timestamp=2019-11-11 13:18:00, priceData=PriceData [open=0.2755,
       close=0.2753, high=0.2755, low=0.2753, volume=2284.43]]
378
379    ----------------------------------------
380    Time: 1573458600000 ms
381    ----------------------------------------
382    (BTC,MaxTradingVolume ---> 8817.238)
383    (ETH,MaxTradingVolume ---> 186.908)
384    (LTC,MaxTradingVolume ---> 61.92999999999999)
385    (XRP,MaxTradingVolume ---> 0.27540000000000003)
386
387    ----------------------------------------
388    Time: 1573458600000 ms
389    ----------------------------------------
390    (BTC,MaxProfit ---> 22.729999999999563)
391
392    ----------------------------------------
393    Time: 1573458600000 ms
394    ----------------------------------------
395    (BTC,MaxTradingVolume ---> 364853.563)
396
397    ----------------------------------------
398    Time: 1573458660000 ms
399    ----------------------------------------
400    Stock [symbol=BTC, timestamp=2019-11-11 13:19:00, priceData=PriceData [open=8820.32,
       close=8818.2, high=8820.32, low=8817.96, volume=-25340.185]]
401    Stock [symbol=ETH, timestamp=2019-11-11 13:19:00, priceData=PriceData [open=187.01,
       close=187.02, high=187.02, low=187.01, volume=-3303.73]]
402    Stock [symbol=LTC, timestamp=2019-11-11 13:19:00, priceData=PriceData [open=61.93,
       close=61.94, high=61.94, low=61.93, volume=-2981.39]]
403    Stock [symbol=XRP, timestamp=2019-11-11 13:19:00, priceData=PriceData [open=0.2753,
       close=0.2753, high=0.2753, low=0.2753, volume=1676.35]]
404
405    ----------------------------------------
406    Time: 1573458660000 ms
407    ----------------------------------------
408    (BTC,MaxTradingVolume ---> 8819.929999999998)
409    (ETH,MaxTradingVolume ---> 186.964)
410    (LTC,MaxTradingVolume ---> 61.934000000000005)
411    (XRP,MaxTradingVolume ---> 0.27542)
412
413    ----------------------------------------
414    Time: 1573458660000 ms
415    ----------------------------------------
416    (BTC,MaxProfit ---> 13.460000000000946)
417
418    ----------------------------------------
419    Time: 1573458660000 ms
420    ----------------------------------------
421    (BTC,MaxTradingVolume ---> 213400.918)
422
423    ----------------------------------------
424    Time: 1573458720000 ms
425    ----------------------------------------
426    Stock [symbol=BTC, timestamp=2019-11-11 13:20:00, priceData=PriceData [open=8818.2,
       close=8818.19, high=8818.93, low=8818.01, volume=-114672.41]]
427    Stock [symbol=ETH, timestamp=2019-11-11 13:20:00, priceData=PriceData [open=187.02,
       close=187.03, high=187.03, low=187.02, volume=-975.0680000000001]]
428    Stock [symbol=LTC, timestamp=2019-11-11 13:20:00, priceData=PriceData [open=61.94,
       close=61.94, high=61.94, low=61.94, volume=-1101.2]]
429    Stock [symbol=XRP, timestamp=2019-11-11 13:20:00, priceData=PriceData [open=0.2753,
       close=0.2753, high=0.2753, low=0.2753, volume=2852.8999999999996]]
430
```

```
431    --------------------------------------------
432    Time: 1573458720000 ms
433    --------------------------------------------
434    (BTC,MaxTradingVolume ---> 8819.655999999999)
435    (ETH,MaxTradingVolume ---> 186.988)
436    (LTC,MaxTradingVolume ---> 61.94200000000001)
437    (XRP,MaxTradingVolume ---> 0.27538)
438
439    --------------------------------------------
440    Time: 1573458720000 ms
441    --------------------------------------------
442    (ETH,MaxProfit ---> 0.12000000000000455)
443
444    --------------------------------------------
445    Time: 1573458720000 ms
446    --------------------------------------------
447    (BTC,MaxTradingVolume ---> 306631.329)
448
449    --------------------------------------------
450    Time: 1573458780000 ms
451    --------------------------------------------
452    Stock [symbol=BTC, timestamp=2019-11-11 13:21:00, priceData=PriceData [open=8818.19,
       close=8815.34, high=8818.45, low=8815.31, volume=-72687.05900000001]]
453    Stock [symbol=ETH, timestamp=2019-11-11 13:21:00, priceData=PriceData [open=187.03,
       close=186.99, high=187.03, low=186.99, volume=-4093.82]]
454    Stock [symbol=LTC, timestamp=2019-11-11 13:21:00, priceData=PriceData [open=61.94,
       close=61.91, high=61.94, low=61.9, volume=-3475.95]]
455    Stock [symbol=XRP, timestamp=2019-11-11 13:21:00, priceData=PriceData [open=0.2753,
       close=0.2751, high=0.2753, low=0.2751, volume=1556.4900000000002]]
456
457    --------------------------------------------
458    Time: 1573458780000 ms
459    --------------------------------------------
460    (BTC,MaxTradingVolume ---> 8818.75)
461    (ETH,MaxTradingVolume ---> 187.002)
462    (LTC,MaxTradingVolume ---> 61.93599999999999)
463    (XRP,MaxTradingVolume ---> 0.2753)
464
465    --------------------------------------------
466    Time: 1573458780000 ms
467    --------------------------------------------
468    (ETH,MaxProfit ---> 0.0700000000000216)
469
470    --------------------------------------------
471    Time: 1573458780000 ms
472    --------------------------------------------
473    (BTC,MaxTradingVolume ---> 326639.57200000004)
474
475    --------------------------------------------
476    Time: 1573458840000 ms
477    --------------------------------------------
478    Stock [symbol=BTC, timestamp=2019-11-11 13:22:00, priceData=PriceData [open=8815.34,
       close=8812.11, high=8815.73, low=8812.11, volume=-110501.04000000001]]
479    Stock [symbol=ETH, timestamp=2019-11-11 13:22:00, priceData=PriceData [open=186.99,
       close=186.99, high=187.0, low=186.99, volume=-204.19]]
480    Stock [symbol=LTC, timestamp=2019-11-11 13:22:00, priceData=PriceData [open=61.91,
       close=61.87, high=61.91, low=61.87, volume=-2137.87]]
481    Stock [symbol=XRP, timestamp=2019-11-11 13:22:00, priceData=PriceData [open=0.2751,
       close=0.2752, high=0.2752, low=0.2749, volume=24021.43]]
482
483    --------------------------------------------
484    Time: 1573458840000 ms
485    --------------------------------------------
486    (BTC,MaxTradingVolume ---> 8816.832)
```

```
487  (ETH,MaxTradingVolume ---> 187.00799999999998)
488  (LTC,MaxTradingVolume ---> 61.91799999999999)
489  (XRP,MaxTradingVolume ---> 0.27524)
490
491  --------------------------------------------
492  Time: 1573458840000 ms
493  --------------------------------------------
494  (ETH,MaxProfit ---> 0.030000000000001137)
495
496  --------------------------------------------
497  Time: 1573458840000 ms
498  --------------------------------------------
499  (BTC,MaxTradingVolume ---> 418170.204)
500
501  --------------------------------------------
502  Time: 1573458900000 ms
503  --------------------------------------------
504  Stock [symbol=BTC, timestamp=2019-11-11 13:23:00, priceData=PriceData [open=8812.11,
       close=8810.69, high=8812.42, low=8809.68, volume=-76107.807]]
505  Stock [symbol=ETH, timestamp=2019-11-11 13:23:00, priceData=PriceData [open=186.99,
       close=186.99, high=186.99, low=186.98, volume=-1640.75]]
506  Stock [symbol=LTC, timestamp=2019-11-11 13:23:00, priceData=PriceData [open=61.87,
       close=61.87, high=61.89, low=61.86, volume=-2075.87]]
507  Stock [symbol=XRP, timestamp=2019-11-11 13:23:00, priceData=PriceData [open=0.2752,
       close=0.2751, high=0.2752, low=0.2751, volume=60500.09]]
508
509  --------------------------------------------
510  Time: 1573458900000 ms
511  --------------------------------------------
512  (BTC,MaxTradingVolume ---> 8814.905999999999)
513  (ETH,MaxTradingVolume ---> 187.004)
514  (LTC,MaxTradingVolume ---> 61.90599999999999)
515  (XRP,MaxTradingVolume ---> 0.2752)
516
517  --------------------------------------------
518  Time: 1573458900000 ms
519  --------------------------------------------
520  (XRP,MaxProfit ---> -1.9999999999997797E-4)
521
522  --------------------------------------------
523  Time: 1573458900000 ms
524  --------------------------------------------
525  (BTC,MaxTradingVolume ---> 399308.50100000005)
526
527  --------------------------------------------
528  Time: 1573458960000 ms
529  --------------------------------------------
530  Stock [symbol=BTC, timestamp=2019-11-11 13:24:00, priceData=PriceData [open=8810.54,
       close=8808.8, high=8810.62, low=8808.52, volume=-13857.324]]
531  Stock [symbol=ETH, timestamp=2019-11-11 13:24:00, priceData=PriceData [open=186.99,
       close=187.04, high=187.04, low=186.99, volume=-469.20300000000003]]
532  Stock [symbol=LTC, timestamp=2019-11-11 13:24:00, priceData=PriceData [open=61.87,
       close=61.88, high=61.89, low=61.87, volume=-430.859]]
533  Stock [symbol=XRP, timestamp=2019-11-11 13:24:00, priceData=PriceData [open=0.2751,
       close=0.2751, high=0.2752, low=0.2751, volume=19257.61]]
534
535  --------------------------------------------
536  Time: 1573458960000 ms
537  --------------------------------------------
538  (BTC,MaxTradingVolume ---> 8813.026000000002)
539  (ETH,MaxTradingVolume ---> 187.00799999999998)
540  (LTC,MaxTradingVolume ---> 61.894000000000005)
541  (XRP,MaxTradingVolume ---> 0.27515999999999996)
542
```

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543    ----------------------------------------
544    Time: 1573458960000 ms
545    ----------------------------------------
546    (ETH,MaxProfit ---> 0.01999999999998181)
547
548    ----------------------------------------
549    Time: 1573458960000 ms
550    ----------------------------------------
551    (BTC,MaxTradingVolume ---> 387825.64)
552
553    ----------------------------------------
554    Time: 1573459020000 ms
555    ----------------------------------------
556    Stock [symbol=BTC, timestamp=2019-11-11 13:25:00, priceData=PriceData [open=8808.8,
       close=8808.87, high=8808.95, low=8808.52, volume=-43516.443999999996]]
557    Stock [symbol=ETH, timestamp=2019-11-11 13:25:00, priceData=PriceData [open=187.04,
       close=187.02, high=187.04, low=187.02, volume=-803.8349999999999]]
558    Stock [symbol=LTC, timestamp=2019-11-11 13:25:00, priceData=PriceData [open=61.88,
       close=61.89, high=61.91, low=61.88, volume=-31881.49]]
559    Stock [symbol=XRP, timestamp=2019-11-11 13:25:00, priceData=PriceData [open=0.2751,
       close=0.2746, high=0.2752, low=0.2745, volume=357777.3]]
560
561    ----------------------------------------
562    Time: 1573459020000 ms
563    ----------------------------------------
564    (BTC,MaxTradingVolume ---> 8811.162)
565    (ETH,MaxTradingVolume ---> 187.006)
566    (LTC,MaxTradingVolume ---> 61.884)
567    (XRP,MaxTradingVolume ---> 0.27502)
568
569    ----------------------------------------
570    Time: 1573459020000 ms
571    ----------------------------------------
572    (XRP,MaxProfit ---> -6.999999999999784E-4)
573
574    ----------------------------------------
575    Time: 1573459020000 ms
576    ----------------------------------------
577    (XRP,MaxTradingVolume ---> 463112.92)
578
579    ----------------------------------------
580    Time: 1573459080000 ms
581    ----------------------------------------
582    Stock [symbol=BTC, timestamp=2019-11-11 13:26:00, priceData=PriceData [open=8808.87,
       close=8810.24, high=8810.53, low=8808.87, volume=-10980.182]]
583    Stock [symbol=ETH, timestamp=2019-11-11 13:26:00, priceData=PriceData [open=187.02,
       close=187.03, high=187.03, low=187.02, volume=-4860.219999999999]]
584    Stock [symbol=LTC, timestamp=2019-11-11 13:26:00, priceData=PriceData [open=61.89,
       close=61.89, high=61.91, low=61.88, volume=-69911.20999999999]]
585    Stock [symbol=XRP, timestamp=2019-11-11 13:26:00, priceData=PriceData [open=0.2746,
       close=0.2741, high=0.2746, low=0.2741, volume=58698.66]]
586
587    ----------------------------------------
588    Time: 1573459080000 ms
589    ----------------------------------------
590    (BTC,MaxTradingVolume ---> 8810.142)
591    (ETH,MaxTradingVolume ---> 187.01399999999998)
592    (LTC,MaxTradingVolume ---> 61.879999999999995)
593    (XRP,MaxTradingVolume ---> 0.27482)
594
595    ----------------------------------------
596    Time: 1573459080000 ms
597    ----------------------------------------
598    (ETH,MaxProfit ---> 0.03999999999999204)
```

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599
600     --------------------------------------------
601     Time: 1573459080000 ms
602     --------------------------------------------
603     (XRP,MaxTradingVolume ---> 520255.08999999997)
604
605     --------------------------------------------
606     Time: 1573459140000 ms
607     --------------------------------------------
608     Stock [symbol=BTC, timestamp=2019-11-11 13:27:00, priceData=PriceData [open=8810.24,
        close=8811.23, high=8811.23, low=8810.02, volume=-6739.7852]]
609     Stock [symbol=ETH, timestamp=2019-11-11 13:27:00, priceData=PriceData [open=187.03,
        close=187.03, high=187.03, low=187.03, volume=-2979.55]]
610     Stock [symbol=LTC, timestamp=2019-11-11 13:27:00, priceData=PriceData [open=61.89,
        close=61.89, high=61.89, low=61.88, volume=-3987.82]]
611     Stock [symbol=XRP, timestamp=2019-11-11 13:27:00, priceData=PriceData [open=0.2741,
        close=0.2741, high=0.2742, low=0.274, volume=263276.91]]
612
613     --------------------------------------------
614     Time: 1573459140000 ms
615     --------------------------------------------
616     (BTC,MaxTradingVolume ---> 8809.966)
617     (ETH,MaxTradingVolume ---> 187.022)
618     (LTC,MaxTradingVolume ---> 61.88399999999999)
619     (XRP,MaxTradingVolume ---> 0.2746)
620
621     --------------------------------------------
622     Time: 1573459140000 ms
623     --------------------------------------------
624     (ETH,MaxProfit ---> 0.03999999999999204)
625
626     --------------------------------------------
627     Time: 1573459140000 ms
628     --------------------------------------------
629     (XRP,MaxTradingVolume ---> 759510.5700000001)
630
631     --------------------------------------------
632     Time: 1573459200000 ms
633     --------------------------------------------
634     Stock [symbol=BTC, timestamp=2019-11-11 13:28:00, priceData=PriceData [open=8811.23,
        close=8813.09, high=8813.09, low=8810.7, volume=-72741.632]]
635     Stock [symbol=ETH, timestamp=2019-11-11 13:28:00, priceData=PriceData [open=187.03,
        close=186.99, high=187.03, low=186.99, volume=-2969.4]]
636     Stock [symbol=LTC, timestamp=2019-11-11 13:28:00, priceData=PriceData [open=61.89,
        close=61.88, high=61.89, low=61.88, volume=-918.92]]
637     Stock [symbol=XRP, timestamp=2019-11-11 13:28:00, priceData=PriceData [open=0.2741,
        close=0.2741, high=0.2742, low=0.2741, volume=1779.95]]
638
639     --------------------------------------------
640     Time: 1573459200000 ms
641     --------------------------------------------
642     (BTC,MaxTradingVolume ---> 8810.446)
643     (ETH,MaxTradingVolume ---> 187.022)
644     (LTC,MaxTradingVolume ---> 61.886)
645     (XRP,MaxTradingVolume ---> 0.27440000000000003)
646
647     --------------------------------------------
648     Time: 1573459200000 ms
649     --------------------------------------------
650     (BTC,MaxProfit ---> 2.5499999999992724)
651
652     --------------------------------------------
653     Time: 1573459200000 ms
654     --------------------------------------------
```

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655   (XRP,MaxTradingVolume ---> 700790.4299999999)
656
657   --------------------------------------------
658   Time: 1573459260000 ms
659   --------------------------------------------
660   Stock [symbol=BTC, timestamp=2019-11-11 13:29:00, priceData=PriceData [open=8813.09,
      close=8811.1, high=8813.57, low=8810.99, volume=-117155.79]]
661   Stock [symbol=ETH, timestamp=2019-11-11 13:29:00, priceData=PriceData [open=187.0,
      close=187.02, high=187.07, low=186.99, volume=-4641.18]]
662   Stock [symbol=LTC, timestamp=2019-11-11 13:29:00, priceData=PriceData [open=61.88,
      close=61.95, high=61.98, low=61.88, volume=-56266.030000000006]]
663   Stock [symbol=XRP, timestamp=2019-11-11 13:29:00, priceData=PriceData [open=0.2741,
      close=0.2744, high=0.2744, low=0.2741, volume=3635.79]]
664
665   --------------------------------------------
666   Time: 1573459260000 ms
667   --------------------------------------------
668   (BTC,MaxTradingVolume ---> 8810.905999999999)
669   (ETH,MaxTradingVolume ---> 187.018)
670   (LTC,MaxTradingVolume ---> 61.9)
671   (XRP,MaxTradingVolume ---> 0.27426)
672
673   --------------------------------------------
674   Time: 1573459260000 ms
675   --------------------------------------------
676   (BTC,MaxProfit ---> 2.3000000000010914)
677
678   --------------------------------------------
679   Time: 1573459260000 ms
680   --------------------------------------------
681   (XRP,MaxTradingVolume ---> 685168.6099999999)
682
683   --------------------------------------------
684   Time: 1573459320000 ms
685   --------------------------------------------
686   Stock [symbol=BTC, timestamp=2019-11-11 13:30:00, priceData=PriceData [open=8811.1,
      close=8804.82, high=8811.37, low=8804.01, volume=-119788.77]]
687   Stock [symbol=ETH, timestamp=2019-11-11 13:30:00, priceData=PriceData [open=187.01,
      close=186.98, high=187.01, low=186.98, volume=-8255.779999999999]]
688   Stock [symbol=LTC, timestamp=2019-11-11 13:30:00, priceData=PriceData [open=61.94,
      close=61.89, high=61.94, low=61.89, volume=-916.0]]
689   Stock [symbol=XRP, timestamp=2019-11-11 13:30:00, priceData=PriceData [open=0.2744,
      close=0.2744, high=0.2744, low=0.2742, volume=2956.96]]
690
691   --------------------------------------------
692   Time: 1573459320000 ms
693   --------------------------------------------
694   (BTC,MaxTradingVolume ---> 8810.096000000001)
695   (ETH,MaxTradingVolume ---> 187.01)
696   (LTC,MaxTradingVolume ---> 61.9)
697   (XRP,MaxTradingVolume ---> 0.27422)
698
699   --------------------------------------------
700   Time: 1573459320000 ms
701   --------------------------------------------
702   (LTC,MaxProfit ---> 0.010000000000005116)
703
704   --------------------------------------------
705   Time: 1573459320000 ms
706   --------------------------------------------
707   (XRP,MaxTradingVolume ---> 330348.26999999996)
708
709   --------------------------------------------
710   Time: 1573459380000 ms
```

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711   ----------------------------------------
712   Stock [symbol=BTC, timestamp=2019-11-11 13:31:00, priceData=PriceData [open=8804.82,
      close=8790.56, high=8805.03, low=8790.32, volume=-417264.83999999997]]
713   Stock [symbol=ETH, timestamp=2019-11-11 13:31:00, priceData=PriceData [open=186.98,
      close=186.75, high=186.98, low=186.75, volume=-28476.8]]
714   Stock [symbol=LTC, timestamp=2019-11-11 13:31:00, priceData=PriceData [open=61.89,
      close=61.83, high=61.89, low=61.82, volume=-10725.9]]
715   Stock [symbol=XRP, timestamp=2019-11-11 13:31:00, priceData=PriceData [open=0.2744,
      close=0.2741, high=0.2744, low=0.274, volume=19340.57]]
716
717   ----------------------------------------
718   Time: 1573459380000 ms
719   ----------------------------------------
720   (BTC,MaxTradingVolume ---> 8806.16)
721   (ETH,MaxTradingVolume ---> 186.954)
722   (LTC,MaxTradingVolume ---> 61.888)
723   (XRP,MaxTradingVolume ---> 0.27422)
724
725   ----------------------------------------
726   Time: 1573459380000 ms
727   ----------------------------------------
728   (XRP,MaxProfit ---> 0.0)
729
730   ----------------------------------------
731   Time: 1573459380000 ms
732   ----------------------------------------
733   (BTC,MaxTradingVolume ---> 733690.8171999999)
734
735   ----------------------------------------
736   Time: 1573459440000 ms
737   ----------------------------------------
738   Stock [symbol=BTC, timestamp=2019-11-11 13:32:00, priceData=PriceData [open=8790.64,
      close=8788.22, high=8790.76, low=8787.59, volume=-14145.084]]
739   Stock [symbol=ETH, timestamp=2019-11-11 13:32:00, priceData=PriceData [open=186.75,
      close=186.61, high=186.75, low=186.61, volume=-9512.25]]
740   Stock [symbol=LTC, timestamp=2019-11-11 13:32:00, priceData=PriceData [open=61.83,
      close=61.81, high=61.84, low=61.81, volume=-2220.4]]
741   Stock [symbol=XRP, timestamp=2019-11-11 13:32:00, priceData=PriceData [open=0.2741,
      close=0.2741, high=0.2741, low=0.2741, volume=3441.17]]
742
743   ----------------------------------------
744   Time: 1573459440000 ms
745   ----------------------------------------
746   (BTC,MaxTradingVolume ---> 8801.558)
747   (ETH,MaxTradingVolume ---> 186.87)
748   (LTC,MaxTradingVolume ---> 61.872)
749   (XRP,MaxTradingVolume ---> 0.27422)
750
751   ----------------------------------------
752   Time: 1573459440000 ms
753   ----------------------------------------
754   (XRP,MaxProfit ---> 0.0)
755
756   ----------------------------------------
757   Time: 1573459440000 ms
758   ----------------------------------------
759   (BTC,MaxTradingVolume ---> 741096.1159999999)
760
761   ----------------------------------------
762   Time: 1573459500000 ms
763   ----------------------------------------
764   Stock [symbol=BTC, timestamp=2019-11-11 13:33:00, priceData=PriceData [open=8788.22,
      close=8788.79, high=8793.31, low=8787.8, volume=-53505.576]]
765   Stock [symbol=ETH, timestamp=2019-11-11 13:33:00, priceData=PriceData [open=186.61,
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       close=186.54, high=186.61, low=186.54, volume=-1573.87]]
766    Stock [symbol=LTC, timestamp=2019-11-11 13:33:00, priceData=PriceData [open=61.81,
       close=61.73, high=61.81, low=61.73, volume=-3391.21]]
767    Stock [symbol=XRP, timestamp=2019-11-11 13:33:00, priceData=PriceData [open=0.2741,
       close=0.2747, high=0.2747, low=0.274, volume=59786.0]]
768
769    --------------------------------------------
770    Time: 1573459500000 ms
771    --------------------------------------------
772    (BTC,MaxTradingVolume ---> 8796.698)
773    (ETH,MaxTradingVolume ---> 186.78)
774    (LTC,MaxTradingVolume ---> 61.842000000000006)
775    (XRP,MaxTradingVolume ---> 0.27434)
776
777    --------------------------------------------
778    Time: 1573459500000 ms
779    --------------------------------------------
780    (XRP,MaxProfit ---> 5.999999999999894E-4)
781
782    --------------------------------------------
783    Time: 1573459500000 ms
784    --------------------------------------------
785    (BTC,MaxTradingVolume ---> 721860.0599999999)
786
787    --------------------------------------------
788    Time: 1573459560000 ms
789    --------------------------------------------
790    Stock [symbol=BTC, timestamp=2019-11-11 13:34:00, priceData=PriceData [open=8788.79,
       close=8788.07, high=8789.01, low=8788.07, volume=-49415.28400000001]]
791    Stock [symbol=ETH, timestamp=2019-11-11 13:34:00, priceData=PriceData [open=186.52,
       close=186.5, high=186.54, low=186.49, volume=-1945.4299999999998]]
792    Stock [symbol=LTC, timestamp=2019-11-11 13:34:00, priceData=PriceData [open=61.72,
       close=61.67, high=61.72, low=61.67, volume=-5110.59]]
793    Stock [symbol=XRP, timestamp=2019-11-11 13:34:00, priceData=PriceData [open=0.2747,
       close=0.2746, high=0.2748, low=0.2746, volume=22115.43]]
794
795    --------------------------------------------
796    Time: 1573459560000 ms
797    --------------------------------------------
798    (BTC,MaxTradingVolume ---> 8792.092)
799    (ETH,MaxTradingVolume ---> 186.676)
800    (LTC,MaxTradingVolume ---> 61.786)
801    (XRP,MaxTradingVolume ---> 0.27437999999999996)
802
803    --------------------------------------------
804    Time: 1573459560000 ms
805    --------------------------------------------
806    (XRP,MaxProfit ---> 2.0000000000003348E-4)
807
808    --------------------------------------------
809    Time: 1573459560000 ms
810    --------------------------------------------
811    (BTC,MaxTradingVolume ---> 654119.554)
812
813    --------------------------------------------
814    Time: 1573459620000 ms
815    --------------------------------------------
816    Stock [symbol=BTC, timestamp=2019-11-11 13:35:00, priceData=PriceData [open=8788.07,
       close=8785.73, high=8788.92, low=8785.6, volume=-70274.084]]
817    Stock [symbol=ETH, timestamp=2019-11-11 13:35:00, priceData=PriceData [open=186.5,
       close=186.47, high=186.5, low=186.45, volume=-3391.9]]
818    Stock [symbol=LTC, timestamp=2019-11-11 13:35:00, priceData=PriceData [open=61.67,
       close=61.65, high=61.69, low=61.65, volume=-4577.0599999999995]]
819    Stock [symbol=XRP, timestamp=2019-11-11 13:35:00, priceData=PriceData [open=0.2746,
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        close=0.275, high=0.2753, low=0.2746, volume=340428.29]]

        -----------------------------------------
        Time: 1573459620000 ms
        -----------------------------------------
        (BTC,MaxTradingVolume ---> 8788.274)
        (ETH,MaxTradingVolume ---> 186.574)
        (LTC,MaxTradingVolume ---> 61.738)
        (XRP,MaxTradingVolume ---> 0.2745)

        -----------------------------------------
        Time: 1573459620000 ms
        -----------------------------------------
        (XRP,MaxProfit ---> 6.000000000000449E-4)

        -----------------------------------------
        Time: 1573459620000 ms
        -----------------------------------------
        (BTC,MaxTradingVolume ---> 604604.868)
```