

bitcoin_orderbook

December 11, 2023

0.1 Data Acquisition

```
[1]: import time
from collections import deque
from datetime import date, timedelta, datetime
from concurrent.futures import ThreadPoolExecutor

import requests
from loguru import logger

import pandas as pd
```

```
[22]: api_v4_trades = "https://api.mercadobitcoin.net/api/v4/{symbol}/orderbook"
```

```
[23]: # fetch most recent trades
response_orderbook = requests.get(url=api_v4_trades.format(symbol="BTC-BRL"))

if response_orderbook.status_code != 200:
    logger.error(f"Error to fetch orderbook data: {response_orderbook.text}")

response_json = response_trades.json()

orderbook = [{"price": data[0], "volume": data[1], "type": "sell"} for data in
↳response_json["asks"]]
orderbook.extend([{"price": data[0], "volume": data[1], "type": "buy"} for
↳data in response_json["bids"]])
```

```
[25]: print(*orderbook)
```

```
{'price': '206788.33999994', 'volume': '0.04163157', 'type': 'sell'} {'price':
'206791.66999994', 'volume': '0.06947163', 'type': 'sell'} {'price':
'206795.00000000', 'volume': '0.05300811', 'type': 'sell'} {'price':
'206813.00000000', 'volume': '0.32800000', 'type': 'sell'} {'price':
'206838.00000000', 'volume': '0.32800000', 'type': 'sell'} {'price':
'206940.98981234', 'volume': '0.03389000', 'type': 'sell'} {'price':
'206940.99000000', 'volume': '0.00011859', 'type': 'sell'} {'price':
'207035.00000000', 'volume': '0.49900000', 'type': 'sell'} {'price':
'207963.57827532', 'volume': '0.80793892', 'type': 'sell'} {'price':
'207963.58520705', 'volume': '0.05965000', 'type': 'sell'}
```

'207975.00000000', 'volume': '1.66800000', 'type': 'sell'} {'price':
 '208024.98239000', 'volume': '0.24896735', 'type': 'sell'} {'price':
 '208598.69000000', 'volume': '0.00100000', 'type': 'sell'} {'price':
 '209239.99994000', 'volume': '0.30300000', 'type': 'sell'} {'price':
 '209240.00000000', 'volume': '1.01200000', 'type': 'sell'} {'price':
 '210000.00000000', 'volume': '0.00022902', 'type': 'sell'} {'price':
 '210599.90000000', 'volume': '0.04075849', 'type': 'sell'} {'price':
 '210615.91000000', 'volume': '0.00590244', 'type': 'sell'} {'price':
 '210690.00000000', 'volume': '0.68700000', 'type': 'sell'} {'price':
 '211600.00000000', 'volume': '0.01616567', 'type': 'sell'} {'price':
 '212200.00000000', 'volume': '0.38804378', 'type': 'sell'} {'price':
 '212999.00000000', 'volume': '0.00001042', 'type': 'sell'} {'price':
 '213000.00000000', 'volume': '0.04608189', 'type': 'sell'} {'price':
 '213200.00000000', 'volume': '0.13316087', 'type': 'sell'} {'price':
 '213964.00000000', 'volume': '0.32800000', 'type': 'sell'} {'price':
 '214000.00000000', 'volume': '0.00950662', 'type': 'sell'} {'price':
 '214500.00000000', 'volume': '0.10000000', 'type': 'sell'} {'price':
 '214899.91000000', 'volume': '0.00100000', 'type': 'sell'} {'price':
 '214900.00000000', 'volume': '1.05938741', 'type': 'sell'} {'price':
 '214997.00000000', 'volume': '0.25806702', 'type': 'sell'} {'price':
 '215000.00000000', 'volume': '0.06573937', 'type': 'sell'} {'price':
 '215034.45000000', 'volume': '0.00096026', 'type': 'sell'} {'price':
 '215067.00000000', 'volume': '0.00001042', 'type': 'sell'} {'price':
 '215154.45636000', 'volume': '0.00002937', 'type': 'sell'} {'price':
 '215656.00000000', 'volume': '0.00010000', 'type': 'sell'} {'price':
 '216000.00000000', 'volume': '0.14690797', 'type': 'sell'} {'price':
 '216372.00000000', 'volume': '0.00001026', 'type': 'sell'} {'price':
 '216506.00000000', 'volume': '0.00002050', 'type': 'sell'} {'price':
 '217000.00000000', 'volume': '0.00236873', 'type': 'sell'} {'price':
 '217019.53564000', 'volume': '0.00851555', 'type': 'sell'} {'price':
 '217019.61849000', 'volume': '0.00011802', 'type': 'sell'} {'price':
 '217135.00000000', 'volume': '0.00001042', 'type': 'sell'} {'price':
 '217500.00000000', 'volume': '0.09673840', 'type': 'sell'} {'price':
 '218000.00000000', 'volume': '0.20363503', 'type': 'sell'} {'price':
 '218014.93000000', 'volume': '0.10507572', 'type': 'sell'} {'price':
 '218200.00000000', 'volume': '0.01192775', 'type': 'sell'} {'price':
 '218299.00000000', 'volume': '0.00400000', 'type': 'sell'} {'price':
 '218361.21000000', 'volume': '0.03133000', 'type': 'sell'} {'price':
 '218472.00000000', 'volume': '0.00001026', 'type': 'sell'} {'price':
 '218608.00000000', 'volume': '0.00002050', 'type': 'sell'} {'price':
 '218800.00000000', 'volume': '0.01098350', 'type': 'sell'} {'price':
 '218906.00000000', 'volume': '0.00604326', 'type': 'sell'} {'price':
 '219000.00000000', 'volume': '0.02304096', 'type': 'sell'} {'price':
 '219000.11000000', 'volume': '0.00003523', 'type': 'sell'} {'price':
 '219200.00000000', 'volume': '0.00060000', 'type': 'sell'} {'price':
 '219203.00000000', 'volume': '0.00001042', 'type': 'sell'} {'price':
 '219254.11000000', 'volume': '0.00100000', 'type': 'sell'} {'price':
 '219300.00000000', 'volume': '0.00045794', 'type': 'sell'} {'price':

'219499.00000000', 'volume': '0.02243156', 'type': 'sell'} {'price':
 '219500.00000000', 'volume': '0.01056497', 'type': 'sell'} {'price':
 '219899.99000000', 'volume': '0.00398921', 'type': 'sell'} {'price':
 '219999.00000000', 'volume': '0.05000000', 'type': 'sell'} {'price':
 '220000.00000000', 'volume': '1.07291745', 'type': 'sell'} {'price':
 '220000.83000000', 'volume': '0.02708300', 'type': 'sell'} {'price':
 '220291.77000000', 'volume': '0.02603656', 'type': 'sell'} {'price':
 '220352.01000000', 'volume': '0.00009268', 'type': 'sell'} {'price':
 '220400.00000000', 'volume': '0.01689347', 'type': 'sell'} {'price':
 '220499.00000000', 'volume': '0.00515933', 'type': 'sell'} {'price':
 '220573.00000000', 'volume': '0.00001026', 'type': 'sell'} {'price':
 '220710.00000000', 'volume': '0.00001025', 'type': 'sell'} {'price':
 '220966.32681000', 'volume': '0.01677088', 'type': 'sell'} {'price':
 '220986.53000000', 'volume': '0.00079000', 'type': 'sell'} {'price':
 '220998.00000000', 'volume': '0.00070000', 'type': 'sell'} {'price':
 '221000.00000000', 'volume': '0.01063815', 'type': 'sell'} {'price':
 '221184.00000000', 'volume': '0.00003093', 'type': 'sell'} {'price':
 '221420.00000000', 'volume': '0.00256421', 'type': 'sell'} {'price':
 '221500.00000000', 'volume': '0.01900000', 'type': 'sell'} {'price':
 '221574.59000000', 'volume': '0.00022725', 'type': 'sell'} {'price':
 '221585.39000000', 'volume': '0.00026150', 'type': 'sell'} {'price':
 '221599.99990000', 'volume': '0.00000460', 'type': 'sell'} {'price':
 '221600.00000000', 'volume': '0.00260100', 'type': 'sell'} {'price':
 '221671.32000000', 'volume': '0.00002888', 'type': 'sell'} {'price':
 '221699.99990000', 'volume': '0.00000460', 'type': 'sell'} {'price':
 '221700.00000000', 'volume': '0.02429356', 'type': 'sell'} {'price':
 '221771.32000000', 'volume': '0.00002888', 'type': 'sell'} {'price':
 '221777.74000000', 'volume': '0.00067573', 'type': 'sell'} {'price':
 '221799.99990000', 'volume': '0.00000460', 'type': 'sell'} {'price':
 '221871.32000000', 'volume': '0.00002888', 'type': 'sell'} {'price':
 '221899.99990000', 'volume': '0.00000460', 'type': 'sell'} {'price':
 '221900.89000000', 'volume': '0.00051709', 'type': 'sell'} {'price':
 '221971.32000000', 'volume': '0.00002888', 'type': 'sell'} {'price':
 '221987.65000000', 'volume': '0.02300000', 'type': 'sell'} {'price':
 '221998.00000000', 'volume': '0.00080000', 'type': 'sell'} {'price':
 '221999.99990000', 'volume': '0.00000460', 'type': 'sell'} {'price':
 '222000.00000000', 'volume': '0.29609352', 'type': 'sell'} {'price':
 '222045.55000000', 'volume': '0.00680168', 'type': 'sell'} {'price':
 '222071.32000000', 'volume': '0.00005776', 'type': 'sell'} {'price':
 '222080.00000000', 'volume': '0.01800000', 'type': 'sell'} {'price':
 '222099.99990000', 'volume': '0.00000460', 'type': 'sell'} {'price':
 '222100.00000000', 'volume': '0.02500000', 'type': 'sell'} {'price':
 '222158.50000000', 'volume': '0.00006000', 'type': 'sell'} {'price':
 '222199.99990000', 'volume': '0.00000460', 'type': 'sell'} {'price':
 '222200.00000000', 'volume': '0.00126678', 'type': 'sell'} {'price':
 '222222.22000000', 'volume': '0.06329259', 'type': 'sell'} {'price':
 '222298.00000000', 'volume': '0.01016486', 'type': 'sell'} {'price':
 '222299.99990000', 'volume': '0.00000460', 'type': 'sell'} {'price':

'222399.99990000', 'volume': '0.00000455', 'type': 'sell'} {'price':
 '222499.99990000', 'volume': '0.00000455', 'type': 'sell'} {'price':
 '222500.00000000', 'volume': '0.23563732', 'type': 'sell'} {'price':
 '222550.00000000', 'volume': '0.00003180', 'type': 'sell'} {'price':
 '222555.55000000', 'volume': '0.00016637', 'type': 'sell'} {'price':
 '222599.00000000', 'volume': '0.00573695', 'type': 'sell'} {'price':
 '222599.99990000', 'volume': '0.00000455', 'type': 'sell'} {'price':
 '222699.99990000', 'volume': '0.00000455', 'type': 'sell'} {'price':
 '222709.83000000', 'volume': '0.00060476', 'type': 'sell'} {'price':
 '222767.79000000', 'volume': '0.00017544', 'type': 'sell'} {'price':
 '222799.99990000', 'volume': '0.00000455', 'type': 'sell'} {'price':
 '222899.99990000', 'volume': '0.00000455', 'type': 'sell'} {'price':
 '222900.00000000', 'volume': '0.00002493', 'type': 'sell'} {'price':
 '222980.50023000', 'volume': '0.00002789', 'type': 'sell'} {'price':
 '222998.00000000', 'volume': '0.00080000', 'type': 'sell'} {'price':
 '222999.99990000', 'volume': '0.00000455', 'type': 'sell'} {'price':
 '223000.00000000', 'volume': '0.22891652', 'type': 'sell'} {'price':
 '223044.56000000', 'volume': '0.00536851', 'type': 'sell'} {'price':
 '223084.57000000', 'volume': '0.00015487', 'type': 'sell'} {'price':
 '223099.99990000', 'volume': '0.00000455', 'type': 'sell'} {'price':
 '223199.99990000', 'volume': '0.00000455', 'type': 'sell'} {'price':
 '223279.99000000', 'volume': '0.00009272', 'type': 'sell'} {'price':
 '223299.99990000', 'volume': '0.00000455', 'type': 'sell'} {'price':
 '223300.00000000', 'volume': '0.00174750', 'type': 'sell'} {'price':
 '223333.33000000', 'volume': '0.00010763', 'type': 'sell'} {'price':
 '223345.54320000', 'volume': '0.00144127', 'type': 'sell'} {'price':
 '223399.99990000', 'volume': '0.00000455', 'type': 'sell'} {'price':
 '223499.99990000', 'volume': '0.00000455', 'type': 'sell'} {'price':
 '223500.00000000', 'volume': '0.00299340', 'type': 'sell'} {'price':
 '223582.00000000', 'volume': '0.00380000', 'type': 'sell'} {'price':
 '223585.00000000', 'volume': '0.00460309', 'type': 'sell'} {'price':
 '223599.99990000', 'volume': '0.00000455', 'type': 'sell'} {'price':
 '223646.29669000', 'volume': '0.00002826', 'type': 'sell'} {'price':
 '223699.99990000', 'volume': '0.00000455', 'type': 'sell'} {'price':
 '223700.11000000', 'volume': '0.00010302', 'type': 'sell'} {'price':
 '223734.08850000', 'volume': '0.00002874', 'type': 'sell'} {'price':
 '223775.00000000', 'volume': '0.00453219', 'type': 'sell'} {'price':
 '223799.99990000', 'volume': '0.00000455', 'type': 'sell'} {'price':
 '223800.08000000', 'volume': '0.00099000', 'type': 'sell'} {'price':
 '223861.94879000', 'volume': '0.00002921', 'type': 'sell'} {'price':
 '223899.99990000', 'volume': '0.00000455', 'type': 'sell'} {'price':
 '223999.99990000', 'volume': '0.00000452', 'type': 'sell'} {'price':
 '224000.00000000', 'volume': '0.09730838', 'type': 'sell'} {'price':
 '224017.00000000', 'volume': '0.05000000', 'type': 'sell'} {'price':
 '224099.99990000', 'volume': '0.00000452', 'type': 'sell'} {'price':
 '224199.99990000', 'volume': '0.00000452', 'type': 'sell'} {'price':
 '224212.15000000', 'volume': '0.00150000', 'type': 'sell'} {'price':
 '224299.99990000', 'volume': '0.00000452', 'type': 'sell'} {'price':

'224311.25146000', 'volume': '0.00002818', 'type': 'sell'} {'price':
 '224399.99990000', 'volume': '0.00000452', 'type': 'sell'} {'price':
 '224499.99990000', 'volume': '0.00000452', 'type': 'sell'} {'price':
 '224500.00000000', 'volume': '0.00500000', 'type': 'sell'} {'price':
 '224567.89000000', 'volume': '0.00022546', 'type': 'sell'} {'price':
 '224599.99990000', 'volume': '0.00000452', 'type': 'sell'} {'price':
 '224600.00000000', 'volume': '0.02650000', 'type': 'sell'} {'price':
 '224699.99990000', 'volume': '0.00000452', 'type': 'sell'} {'price':
 '224700.00000000', 'volume': '0.02250000', 'type': 'sell'} {'price':
 '224783.62237000', 'volume': '0.00002767', 'type': 'sell'} {'price':
 '224799.99990000', 'volume': '0.00000452', 'type': 'sell'} {'price':
 '224899.99990000', 'volume': '0.00000452', 'type': 'sell'} {'price':
 '224900.00000000', 'volume': '0.03383761', 'type': 'sell'} {'price':
 '224950.00000000', 'volume': '0.00029910', 'type': 'sell'} {'price':
 '224998.00000000', 'volume': '0.00080000', 'type': 'sell'} {'price':
 '224999.77000000', 'volume': '0.00186467', 'type': 'sell'} {'price':
 '224999.99000000', 'volume': '0.00247537', 'type': 'sell'} {'price':
 '224999.99990000', 'volume': '0.00000450', 'type': 'sell'} {'price':
 '225000.00000000', 'volume': '1.34275725', 'type': 'sell'} {'price':
 '225008.80000000', 'volume': '0.00044500', 'type': 'sell'} {'price':
 '225095.28750000', 'volume': '0.00008080', 'type': 'sell'} {'price':
 '225099.99990000', 'volume': '0.00000450', 'type': 'sell'} {'price':
 '225199.99990000', 'volume': '0.00000450', 'type': 'sell'} {'price':
 '225268.06000000', 'volume': '0.00031400', 'type': 'sell'} {'price':
 '225299.99990000', 'volume': '0.00000450', 'type': 'sell'} {'price':
 '225340.00000000', 'volume': '0.00306428', 'type': 'sell'} {'price':
 '225399.99990000', 'volume': '0.00000450', 'type': 'sell'} {'price':
 '225499.99990000', 'volume': '0.00000450', 'type': 'sell'} {'price':
 '225500.00000000', 'volume': '0.00007267', 'type': 'sell'} {'price':
 '225599.99990000', 'volume': '0.00000450', 'type': 'sell'} {'price':
 '225699.99990000', 'volume': '0.00000450', 'type': 'sell'} {'price':
 '225799.99990000', 'volume': '0.00000450', 'type': 'sell'} {'price':
 '225800.00000000', 'volume': '0.02100000', 'type': 'sell'} {'price':
 '225899.99990000', 'volume': '0.00000448', 'type': 'sell'} {'price':
 '225945.00000000', 'volume': '0.08097871', 'type': 'sell'} {'price':
 '225990.00000000', 'volume': '0.15300000', 'type': 'sell'} {'price':
 '225999.99990000', 'volume': '0.00000448', 'type': 'sell'} {'price':
 '226000.00000000', 'volume': '0.06091659', 'type': 'sell'} {'price':
 '226099.99990000', 'volume': '0.00000448', 'type': 'sell'} {'price':
 '226100.00000000', 'volume': '0.00897946', 'type': 'sell'} {'price':
 '226199.99990000', 'volume': '0.00000448', 'type': 'sell'} {'price':
 '226299.99990000', 'volume': '0.00000448', 'type': 'sell'} {'price':
 '226399.99990000', 'volume': '0.00000448', 'type': 'sell'} {'price':
 '226499.99990000', 'volume': '0.00000448', 'type': 'sell'} {'price':
 '226599.99990000', 'volume': '0.00000448', 'type': 'sell'} {'price':
 '226699.99990000', 'volume': '0.00000448', 'type': 'sell'} {'price':
 '226736.80000000', 'volume': '0.00551300', 'type': 'sell'} {'price':
 '226799.99990000', 'volume': '0.00000448', 'type': 'sell'} {'price':

'226899.99990000', 'volume': '0.00000448', 'type': 'sell'} {'price':
 '226938.34000000', 'volume': '0.00022845', 'type': 'sell'} {'price':
 '226998.00000000', 'volume': '0.00080000', 'type': 'sell'} {'price':
 '226999.99990000', 'volume': '0.00000448', 'type': 'sell'} {'price':
 '227000.00000000', 'volume': '0.01300752', 'type': 'sell'} {'price':
 '227099.99990000', 'volume': '0.00000448', 'type': 'sell'} {'price':
 '227199.99990000', 'volume': '0.00000448', 'type': 'sell'} {'price':
 '227299.99990000', 'volume': '0.00000448', 'type': 'sell'} {'price':
 '227399.99990000', 'volume': '0.00000448', 'type': 'sell'} {'price':
 '227499.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '227500.00000000', 'volume': '0.00500000', 'type': 'sell'} {'price':
 '227501.35000000', 'volume': '0.00010112', 'type': 'sell'} {'price':
 '227553.00000000', 'volume': '0.00208000', 'type': 'sell'} {'price':
 '227599.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '227699.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '227777.77000000', 'volume': '0.00389373', 'type': 'sell'} {'price':
 '227799.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '227899.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '227947.20000000', 'volume': '0.00010995', 'type': 'sell'} {'price':
 '227999.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '228000.00000000', 'volume': '0.19826462', 'type': 'sell'} {'price':
 '228000.08000000', 'volume': '0.00893700', 'type': 'sell'} {'price':
 '228099.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '228199.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '228299.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '228300.00000000', 'volume': '0.02830000', 'type': 'sell'} {'price':
 '228399.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '228499.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '228500.00000000', 'volume': '0.00020880', 'type': 'sell'} {'price':
 '228599.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '228699.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '228799.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '228805.00000000', 'volume': '0.00022796', 'type': 'sell'} {'price':
 '228888.00000000', 'volume': '0.00025000', 'type': 'sell'} {'price':
 '228899.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '228900.00000000', 'volume': '0.09682393', 'type': 'sell'} {'price':
 '228950.00000000', 'volume': '0.00490000', 'type': 'sell'} {'price':
 '228996.66000000', 'volume': '0.00025689', 'type': 'sell'} {'price':
 '228998.00000000', 'volume': '0.00190000', 'type': 'sell'} {'price':
 '228998.98000000', 'volume': '0.00024925', 'type': 'sell'} {'price':
 '228999.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '229000.00000000', 'volume': '0.05974977', 'type': 'sell'} {'price':
 '229000.00010000', 'volume': '0.00000928', 'type': 'sell'} {'price':
 '229099.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '229100.00000000', 'volume': '0.00206072', 'type': 'sell'} {'price':
 '229199.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '229214.38540000', 'volume': '0.00299100', 'type': 'sell'} {'price':
 '229239.95000000', 'volume': '0.00353699', 'type': 'sell'} {'price':

'229299.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '229399.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '229450.00000000', 'volume': '0.00120000', 'type': 'sell'} {'price':
 '229498.98000000', 'volume': '0.00040161', 'type': 'sell'} {'price':
 '229499.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '229500.00000000', 'volume': '0.03500000', 'type': 'sell'} {'price':
 '229550.00000000', 'volume': '0.00071805', 'type': 'sell'} {'price':
 '229599.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '229600.00000000', 'volume': '0.00037597', 'type': 'sell'} {'price':
 '229699.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '229773.44000000', 'volume': '0.00015500', 'type': 'sell'} {'price':
 '229779.00000000', 'volume': '0.00022007', 'type': 'sell'} {'price':
 '229799.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '229800.00000000', 'volume': '0.00244387', 'type': 'sell'} {'price':
 '229850.00000000', 'volume': '0.11158000', 'type': 'sell'} {'price':
 '229877.77000000', 'volume': '0.00282012', 'type': 'sell'} {'price':
 '229898.90000000', 'volume': '0.00300000', 'type': 'sell'} {'price':
 '229899.99990000', 'volume': '0.00000445', 'type': 'sell'} {'price':
 '229919.99000000', 'volume': '0.00002210', 'type': 'sell'} {'price':
 '229950.00000000', 'volume': '0.62435469', 'type': 'sell'} {'price':
 '229958.66000000', 'volume': '0.00098765', 'type': 'sell'} {'price':
 '229987.31710000', 'volume': '0.01000000', 'type': 'sell'} {'price':
 '229995.66000000', 'volume': '0.00101489', 'type': 'sell'} {'price':
 '229998.00000000', 'volume': '0.27558244', 'type': 'sell'} {'price':
 '229999.00000000', 'volume': '0.00723822', 'type': 'sell'} {'price':
 '229999.99990000', 'volume': '0.00014133', 'type': 'sell'} {'price':
 '230000.00000000', 'volume': '1.16510824', 'type': 'sell'} {'price':
 '230034.82156000', 'volume': '0.00032254', 'type': 'sell'} {'price':
 '230058.00000000', 'volume': '0.00020005', 'type': 'sell'} {'price':
 '230099.99990000', 'volume': '0.00000440', 'type': 'sell'} {'price':
 '230100.00000000', 'volume': '0.14178634', 'type': 'sell'} {'price':
 '230199.99990000', 'volume': '0.00000440', 'type': 'sell'} {'price':
 '230215.64000000', 'volume': '0.00002277', 'type': 'sell'} {'price':
 '230299.99990000', 'volume': '0.00000440', 'type': 'sell'} {'price':
 '230399.99990000', 'volume': '0.00000440', 'type': 'sell'} {'price':
 '230441.20000000', 'volume': '0.00005104', 'type': 'sell'} {'price':
 '230499.99990000', 'volume': '0.00000439', 'type': 'sell'} {'price':
 '230500.00000000', 'volume': '0.00004000', 'type': 'sell'} {'price':
 '230550.00000000', 'volume': '0.00017123', 'type': 'sell'} {'price':
 '230599.99990000', 'volume': '0.00000439', 'type': 'sell'} {'price':
 '230699.99990000', 'volume': '0.00000439', 'type': 'sell'} {'price':
 '230759.99000000', 'volume': '0.01000000', 'type': 'sell'} {'price':
 '230799.99990000', 'volume': '0.00000439', 'type': 'sell'} {'price':
 '230899.99990000', 'volume': '0.00000439', 'type': 'sell'} {'price':
 '230999.99000000', 'volume': '0.01004750', 'type': 'sell'} {'price':
 '230999.99990000', 'volume': '0.00000439', 'type': 'sell'} {'price':
 '231000.00000000', 'volume': '0.07494743', 'type': 'sell'} {'price':
 '231099.99990000', 'volume': '0.00000439', 'type': 'sell'} {'price':

'231190.00000000', 'volume': '0.04560000', 'type': 'sell'} {'price':
 '231199.99990000', 'volume': '0.00000439', 'type': 'sell'} {'price':
 '231299.99990000', 'volume': '0.00000439', 'type': 'sell'} {'price':
 '231399.99990000', 'volume': '0.00000439', 'type': 'sell'} {'price':
 '231499.99990000', 'volume': '0.00000439', 'type': 'sell'} {'price':
 '231500.00000000', 'volume': '0.00896558', 'type': 'sell'} {'price':
 '231599.99990000', 'volume': '0.00000439', 'type': 'sell'} {'price':
 '231697.08000000', 'volume': '0.00538104', 'type': 'sell'} {'price':
 '231699.99990000', 'volume': '0.00000439', 'type': 'sell'} {'price':
 '231799.99990000', 'volume': '0.00000439', 'type': 'sell'} {'price':
 '231899.99990000', 'volume': '0.00000439', 'type': 'sell'} {'price':
 '231999.99990000', 'volume': '0.00000439', 'type': 'sell'} {'price':
 '232000.00000000', 'volume': '0.09071932', 'type': 'sell'} {'price':
 '232099.99990000', 'volume': '0.00000439', 'type': 'sell'} {'price':
 '232198.99000000', 'volume': '0.00012254', 'type': 'sell'} {'price':
 '232199.99990000', 'volume': '0.00000439', 'type': 'sell'} {'price':
 '232200.00000000', 'volume': '0.00008608', 'type': 'sell'} {'price':
 '232222.22000000', 'volume': '0.00030000', 'type': 'sell'} {'price':
 '232263.23000000', 'volume': '0.00024500', 'type': 'sell'} {'price':
 '232299.99990000', 'volume': '0.00000439', 'type': 'sell'} {'price':
 '232399.99990000', 'volume': '0.00000439', 'type': 'sell'} {'price':
 '232499.99990000', 'volume': '0.00000439', 'type': 'sell'} {'price':
 '232500.00000000', 'volume': '0.02169380', 'type': 'sell'} {'price':
 '232500.99000000', 'volume': '0.00190000', 'type': 'sell'} {'price':
 '232599.99990000', 'volume': '0.00000435', 'type': 'sell'} {'price':
 '232699.99990000', 'volume': '0.00000435', 'type': 'sell'} {'price':
 '232799.99990000', 'volume': '0.00000435', 'type': 'sell'} {'price':
 '232899.99990000', 'volume': '0.00000435', 'type': 'sell'} {'price':
 '232999.99990000', 'volume': '0.00000435', 'type': 'sell'} {'price':
 '233000.00000000', 'volume': '0.07889576', 'type': 'sell'} {'price':
 '233009.00000000', 'volume': '0.01000000', 'type': 'sell'} {'price':
 '233058.61000000', 'volume': '0.00002184', 'type': 'sell'} {'price':
 '233099.99990000', 'volume': '0.00000435', 'type': 'sell'} {'price':
 '233199.99990000', 'volume': '0.00000435', 'type': 'sell'} {'price':
 '233200.00000000', 'volume': '0.00001000', 'type': 'sell'} {'price':
 '233299.99990000', 'volume': '0.00000435', 'type': 'sell'} {'price':
 '233300.00000000', 'volume': '0.00040140', 'type': 'sell'} {'price':
 '233333.33000000', 'volume': '0.00010000', 'type': 'sell'} {'price':
 '233399.99990000', 'volume': '0.00000435', 'type': 'sell'} {'price':
 '233499.99990000', 'volume': '0.00000435', 'type': 'sell'} {'price':
 '233542.16000000', 'volume': '0.00398657', 'type': 'sell'} {'price':
 '233590.00000000', 'volume': '0.04727360', 'type': 'sell'} {'price':
 '233599.99990000', 'volume': '0.00000435', 'type': 'sell'} {'price':
 '233699.99990000', 'volume': '0.00000435', 'type': 'sell'} {'price':
 '233789.99000000', 'volume': '0.00455669', 'type': 'sell'} {'price':
 '233799.99990000', 'volume': '0.00000435', 'type': 'sell'} {'price':
 '233899.99990000', 'volume': '0.00000435', 'type': 'sell'} {'price':
 '233999.99990000', 'volume': '0.00000435', 'type': 'sell'} {'price':

'234000.00000000', 'volume': '0.01754338', 'type': 'sell'} {'price':
 '234099.99990000', 'volume': '0.00000435', 'type': 'sell'} {'price':
 '234199.99990000', 'volume': '0.00000432', 'type': 'sell'} {'price':
 '234299.99990000', 'volume': '0.00000432', 'type': 'sell'} {'price':
 '234348.88287000', 'volume': '0.00002654', 'type': 'sell'} {'price':
 '234399.99990000', 'volume': '0.00000432', 'type': 'sell'} {'price':
 '234401.00000000', 'volume': '0.00028626', 'type': 'sell'} {'price':
 '234450.00000000', 'volume': '0.00475569', 'type': 'sell'} {'price':
 '234499.99990000', 'volume': '0.00000432', 'type': 'sell'} {'price':
 '234500.00000000', 'volume': '0.02197003', 'type': 'sell'} {'price':
 '234512.47000000', 'volume': '0.00330000', 'type': 'sell'} {'price':
 '234567.89000000', 'volume': '0.00083907', 'type': 'sell'} {'price':
 '234577.51719000', 'volume': '0.00011430', 'type': 'sell'} {'price':
 '234599.99990000', 'volume': '0.00000432', 'type': 'sell'} {'price':
 '234600.00000000', 'volume': '0.05000000', 'type': 'sell'} {'price':
 '234699.99990000', 'volume': '0.00000432', 'type': 'sell'} {'price':
 '234799.99990000', 'volume': '0.00000432', 'type': 'sell'} {'price':
 '234899.99990000', 'volume': '0.00000432', 'type': 'sell'} {'price':
 '234998.00000000', 'volume': '0.02325000', 'type': 'sell'} {'price':
 '234999.00000000', 'volume': '0.00042296', 'type': 'sell'} {'price':
 '234999.99990000', 'volume': '0.00000432', 'type': 'sell'} {'price':
 '235000.00000000', 'volume': '0.35081609', 'type': 'sell'} {'price':
 '235072.13000000', 'volume': '0.00555330', 'type': 'sell'} {'price':
 '235085.00000000', 'volume': '0.00560000', 'type': 'sell'} {'price':
 '235090.90900000', 'volume': '0.00005000', 'type': 'sell'} {'price':
 '235099.99990000', 'volume': '0.00000432', 'type': 'sell'} {'price':
 '235199.99990000', 'volume': '0.00000432', 'type': 'sell'} {'price':
 '235299.99990000', 'volume': '0.00000432', 'type': 'sell'} {'price':
 '235399.99990000', 'volume': '0.00000432', 'type': 'sell'} {'price':
 '235439.01594000', 'volume': '0.00017617', 'type': 'sell'} {'price':
 '235499.99990000', 'volume': '0.00000432', 'type': 'sell'} {'price':
 '235500.40000000', 'volume': '0.00026552', 'type': 'sell'} {'price':
 '235599.99990000', 'volume': '0.00000432', 'type': 'sell'} {'price':
 '235699.99990000', 'volume': '0.00000432', 'type': 'sell'} {'price':
 '235743.04219000', 'volume': '0.00021998', 'type': 'sell'} {'price':
 '235799.99990000', 'volume': '0.00000432', 'type': 'sell'} {'price':
 '235894.48918000', 'volume': '0.00014135', 'type': 'sell'} {'price':
 '235899.99990000', 'volume': '0.00000429', 'type': 'sell'} {'price':
 '235963.53000000', 'volume': '0.00021476', 'type': 'sell'} {'price':
 '235999.00000000', 'volume': '0.02815896', 'type': 'sell'} {'price':
 '235999.99990000', 'volume': '0.00001200', 'type': 'sell'} {'price':
 '236000.00000000', 'volume': '0.03549665', 'type': 'sell'} {'price':
 '236099.99990000', 'volume': '0.00001429', 'type': 'sell'} {'price':
 '236199.99990000', 'volume': '0.00001429', 'type': 'sell'} {'price':
 '236299.99990000', 'volume': '0.00001429', 'type': 'sell'} {'price':
 '236317.00000000', 'volume': '0.00087171', 'type': 'sell'} {'price':
 '236399.99990000', 'volume': '0.00001429', 'type': 'sell'} {'price':
 '236499.99990000', 'volume': '0.00001429', 'type': 'sell'} {'price':

'236500.00000000', 'volume': '0.00040000', 'type': 'sell'} {'price':
 '236599.99990000', 'volume': '0.00001429', 'type': 'sell'} {'price':
 '236650.95000000', 'volume': '0.00805901', 'type': 'sell'} {'price':
 '236666.02000000', 'volume': '0.01063000', 'type': 'sell'} {'price':
 '236699.99990000', 'volume': '0.00001429', 'type': 'sell'} {'price':
 '236700.00000000', 'volume': '0.00145124', 'type': 'sell'} {'price':
 '236799.99990000', 'volume': '0.00001429', 'type': 'sell'} {'price':
 '236899.99990000', 'volume': '0.00001429', 'type': 'sell'} {'price':
 '236942.00000000', 'volume': '0.00582000', 'type': 'sell'} {'price':
 '236999.99990000', 'volume': '0.00001429', 'type': 'sell'} {'price':
 '237000.00000000', 'volume': '0.02202496', 'type': 'sell'} {'price':
 '237001.17000000', 'volume': '0.00199537', 'type': 'sell'} {'price':
 '237099.99990000', 'volume': '0.00001429', 'type': 'sell'} {'price':
 '237111.26000000', 'volume': '0.00149666', 'type': 'sell'} {'price':
 '237156.26000000', 'volume': '0.00598849', 'type': 'sell'} {'price':
 '237199.99990000', 'volume': '0.00001429', 'type': 'sell'} {'price':
 '237200.00000000', 'volume': '0.00089987', 'type': 'sell'} {'price':
 '237299.99990000', 'volume': '0.00001429', 'type': 'sell'} {'price':
 '237399.99990000', 'volume': '0.00001429', 'type': 'sell'} {'price':
 '237499.99990000', 'volume': '0.00001429', 'type': 'sell'} {'price':
 '237599.99990000', 'volume': '0.00001429', 'type': 'sell'} {'price':
 '237699.99990000', 'volume': '0.00001429', 'type': 'sell'} {'price':
 '237798.09000000', 'volume': '0.00026550', 'type': 'sell'} {'price':
 '237799.99990000', 'volume': '0.00001429', 'type': 'sell'} {'price':
 '237880.00000000', 'volume': '0.00100000', 'type': 'sell'} {'price':
 '237899.99990000', 'volume': '0.00001429', 'type': 'sell'} {'price':
 '237999.99990000', 'volume': '0.00001429', 'type': 'sell'} {'price':
 '238000.00000000', 'volume': '0.04314677', 'type': 'sell'} {'price':
 '238099.99990000', 'volume': '0.00001425', 'type': 'sell'} {'price':
 '238100.00000000', 'volume': '0.00460338', 'type': 'sell'} {'price':
 '238199.99990000', 'volume': '0.00001425', 'type': 'sell'} {'price':
 '238299.99990000', 'volume': '0.00001425', 'type': 'sell'} {'price':
 '238399.99990000', 'volume': '0.00001425', 'type': 'sell'} {'price':
 '238499.99990000', 'volume': '0.00001425', 'type': 'sell'} {'price':
 '238599.99990000', 'volume': '0.00001425', 'type': 'sell'} {'price':
 '238644.00000000', 'volume': '0.00973666', 'type': 'sell'} {'price':
 '238699.99990000', 'volume': '0.00001425', 'type': 'sell'} {'price':
 '238710.00000000', 'volume': '0.00033219', 'type': 'sell'} {'price':
 '238799.99990000', 'volume': '0.00001425', 'type': 'sell'} {'price':
 '238880.00000000', 'volume': '0.01530000', 'type': 'sell'} {'price':
 '238894.99600000', 'volume': '0.00020048', 'type': 'sell'} {'price':
 '238899.99990000', 'volume': '0.00001425', 'type': 'sell'} {'price':
 '238910.27686000', 'volume': '0.00204912', 'type': 'sell'} {'price':
 '238998.00000000', 'volume': '0.00290000', 'type': 'sell'} {'price':
 '238999.99990000', 'volume': '0.00001425', 'type': 'sell'} {'price':
 '239000.00000000', 'volume': '0.00543666', 'type': 'sell'} {'price':
 '239099.99990000', 'volume': '0.00001425', 'type': 'sell'} {'price':
 '239199.99990000', 'volume': '0.00001425', 'type': 'sell'} {'price':

```

'239299.99990000', 'volume': '0.00001425', 'type': 'sell'} {'price':
'239399.99990000', 'volume': '0.00001425', 'type': 'sell'} {'price':
'239456.41000000', 'volume': '0.00060602', 'type': 'sell'} {'price':
'239471.27000000', 'volume': '0.00050000', 'type': 'sell'} {'price':
'239495.12586000', 'volume': '0.00043290', 'type': 'sell'} {'price':
'239499.99990000', 'volume': '0.00001425', 'type': 'sell'} {'price':
'239500.00000000', 'volume': '0.00010000', 'type': 'sell'} {'price':
'239552.45914000', 'volume': '0.00150199', 'type': 'sell'} {'price':
'239599.99990000', 'volume': '0.00001425', 'type': 'sell'} {'price':
'239699.99990000', 'volume': '0.00001422', 'type': 'sell'} {'price':
'239799.99990000', 'volume': '0.00001422', 'type': 'sell'} {'price':
'239862.10000000', 'volume': '0.00010000', 'type': 'sell'} {'price':
'239876.54000000', 'volume': '0.00190000', 'type': 'sell'} {'price':
'239899.99990000', 'volume': '0.00001422', 'type': 'sell'} {'price':
'239998.95000000', 'volume': '0.10000000', 'type': 'sell'} {'price':
'239999.00000000', 'volume': '0.01000000', 'type': 'sell'} {'price':
'239999.91000000', 'volume': '0.00118400', 'type': 'sell'} {'price':
'239999.99000000', 'volume': '0.00248513', 'type': 'sell'} {'price':
'239999.99990000', 'volume': '0.00001422', 'type': 'sell'} {'price':
'240000.00000000', 'volume': '0.43996667', 'type': 'sell'} {'price':
'240000.80000000', 'volume': '0.00022652', 'type': 'sell'} {'price':
'240099.99990000', 'volume': '0.00001422', 'type': 'sell'} {'price':
'240199.99990000', 'volume': '0.00001422', 'type': 'sell'} {'price':
'240250.00000000', 'volume': '0.00043403', 'type': 'sell'} {'price':
'240281.12000000', 'volume': '0.00020000', 'type': 'sell'} {'price':
'240299.99990000', 'volume': '0.00001422', 'type': 'sell'} {'price':
'240399.99990000', 'volume': '0.00001422', 'type': 'sell'} {'price':
'240499.99990000', 'volume': '0.00001422', 'type': 'sell'} {'price':
'240500.00000000', 'volume': '0.03162839', 'type': 'sell'} {'price':
'240599.99990000', 'volume': '0.00001422', 'type': 'sell'} {'price':
'240612.56000000', 'volume': '0.00004251', 'type': 'sell'} {'price':
'240699.99990000', 'volume': '0.00001422', 'type': 'sell'} {'price':
'240799.99990000', 'volume': '0.00001422', 'type': 'sell'} {'price':
'240899.99990000', 'volume': '0.00001844', 'type': 'sell'} {'price':
'240999.99990000', 'volume': '0.00001420', 'type': 'sell'} {'price':
'241000.00000000', 'volume': '0.00641060', 'type': 'sell'} {'price':
'241000.17000000', 'volume': '0.00299297', 'type': 'sell'} {'price':
'241001.00000000', 'volume': '0.00117022', 'type': 'sell'} {'price':
'241050.00000000', 'volume': '0.00098015', 'type': 'sell'} {'price':
'241099.99990000', 'volume': '0.00001420', 'type': 'sell'} {'price':
'241100.13000000', 'volume': '0.00006994', 'type': 'sell'} {'price':
'241199.99990000', 'volume': '0.00001420', 'type': 'sell'} {'price':
'241299.99990000', 'volume': '0.00001420', 'type': 'sell'} {'price':
'241399.99990000', 'volume': '0.00001420', 'type': 'sell'} {'price':
'241443.32000000', 'volume': '0.00441821', 'type': 'sell'} {'price':
'241499.99990000', 'volume': '0.00001420', 'type': 'sell'} {'price':
'241500.00000000', 'volume': '0.09901977', 'type': 'sell'} {'price':
'241570.00000000', 'volume': '0.00053780', 'type': 'sell'} {'price':

```

'241599.99990000', 'volume': '0.00001420', 'type': 'sell'} {'price':
 '241600.00000000', 'volume': '0.00021671', 'type': 'sell'} {'price':
 '241680.00000000', 'volume': '0.00083486', 'type': 'sell'} {'price':
 '241699.99990000', 'volume': '0.00001420', 'type': 'sell'} {'price':
 '241799.99990000', 'volume': '0.00001420', 'type': 'sell'} {'price':
 '241895.00000000', 'volume': '0.00006640', 'type': 'sell'} {'price':
 '241899.99990000', 'volume': '0.00001420', 'type': 'sell'} {'price':
 '241999.99990000', 'volume': '0.00001420', 'type': 'sell'} {'price':
 '242000.00000000', 'volume': '0.06894805', 'type': 'sell'} {'price':
 '242023.11000000', 'volume': '0.00579860', 'type': 'sell'} {'price':
 '242083.57680000', 'volume': '0.00010000', 'type': 'sell'} {'price':
 '242099.99990000', 'volume': '0.00001420', 'type': 'sell'} {'price':
 '242199.99990000', 'volume': '0.00001420', 'type': 'sell'} {'price':
 '242233.00000000', 'volume': '0.00042521', 'type': 'sell'} {'price':
 '242299.99990000', 'volume': '0.00001420', 'type': 'sell'} {'price':
 '242399.99990000', 'volume': '0.00001420', 'type': 'sell'} {'price':
 '242494.99000000', 'volume': '0.00051187', 'type': 'sell'} {'price':
 '242499.99990000', 'volume': '0.00001420', 'type': 'sell'} {'price':
 '242500.00000000', 'volume': '0.02313591', 'type': 'sell'} {'price':
 '242509.87000000', 'volume': '0.00062525', 'type': 'sell'} {'price':
 '242550.99000000', 'volume': '0.00046015', 'type': 'sell'} {'price':
 '242599.99990000', 'volume': '0.00001420', 'type': 'sell'} {'price':
 '242622.22000000', 'volume': '0.00417877', 'type': 'sell'} {'price':
 '242657.62000000', 'volume': '0.00016290', 'type': 'sell'} {'price':
 '242699.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '242799.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '242802.86000000', 'volume': '0.00250000', 'type': 'sell'} {'price':
 '242899.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '242999.99000000', 'volume': '0.00144941', 'type': 'sell'} {'price':
 '242999.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '243000.00000000', 'volume': '0.00362435', 'type': 'sell'} {'price':
 '243001.26000000', 'volume': '0.00332389', 'type': 'sell'} {'price':
 '243099.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '243199.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '243299.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '243300.00000000', 'volume': '0.00060544', 'type': 'sell'} {'price':
 '243399.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '243455.15222000', 'volume': '0.03208531', 'type': 'sell'} {'price':
 '243499.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '243526.00000000', 'volume': '0.00092110', 'type': 'sell'} {'price':
 '243567.89000000', 'volume': '0.00083907', 'type': 'sell'} {'price':
 '243599.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '243614.31000000', 'volume': '0.00044844', 'type': 'sell'} {'price':
 '243652.50000000', 'volume': '0.00421504', 'type': 'sell'} {'price':
 '243699.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '243799.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '243899.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '243900.00000000', 'volume': '0.00292891', 'type': 'sell'} {'price':

'243999.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '244000.00000000', 'volume': '0.02495049', 'type': 'sell'} {'price':
 '244099.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '244199.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '244299.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '244399.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '244400.00000000', 'volume': '0.00039829', 'type': 'sell'} {'price':
 '244400.27000000', 'volume': '0.00050000', 'type': 'sell'} {'price':
 '244444.44000000', 'volume': '0.00194593', 'type': 'sell'} {'price':
 '244499.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '244532.00000000', 'volume': '0.00400000', 'type': 'sell'} {'price':
 '244599.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '244600.00000000', 'volume': '0.05000000', 'type': 'sell'} {'price':
 '244615.62000000', 'volume': '0.00024187', 'type': 'sell'} {'price':
 '244699.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '244799.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '244876.54000000', 'volume': '0.00190000', 'type': 'sell'} {'price':
 '244899.99990000', 'volume': '0.00001417', 'type': 'sell'} {'price':
 '244998.00000000', 'volume': '0.00300000', 'type': 'sell'} {'price':
 '244999.99990000', 'volume': '0.00001413', 'type': 'sell'} {'price':
 '245000.00000000', 'volume': '0.70128050', 'type': 'sell'} {'price':
 '245000.15000000', 'volume': '0.00020000', 'type': 'sell'} {'price':
 '245099.99990000', 'volume': '0.00001413', 'type': 'sell'} {'price':
 '245199.99990000', 'volume': '0.00001413', 'type': 'sell'} {'price':
 '245299.99990000', 'volume': '0.00001413', 'type': 'sell'} {'price':
 '245375.57000000', 'volume': '0.00900000', 'type': 'sell'} {'price':
 '245399.99990000', 'volume': '0.00001413', 'type': 'sell'} {'price':
 '245424.10000000', 'volume': '0.00187640', 'type': 'sell'} {'price':
 '245499.99990000', 'volume': '0.00001413', 'type': 'sell'} {'price':
 '245555.05000000', 'volume': '0.05250603', 'type': 'sell'} {'price':
 '245555.55000000', 'volume': '0.00110000', 'type': 'sell'} {'price':
 '245599.99990000', 'volume': '0.00001413', 'type': 'sell'} {'price':
 '245645.58000000', 'volume': '0.00400000', 'type': 'sell'} {'price':
 '245680.00000000', 'volume': '0.00066500', 'type': 'sell'} {'price':
 '245699.99990000', 'volume': '0.00001413', 'type': 'sell'} {'price':
 '245778.90550000', 'volume': '0.00069002', 'type': 'sell'} {'price':
 '245799.99990000', 'volume': '0.00001413', 'type': 'sell'} {'price':
 '245888.80000000', 'volume': '0.00017307', 'type': 'sell'} {'price':
 '245898.00000000', 'volume': '0.00736329', 'type': 'sell'} {'price':
 '245899.99990000', 'volume': '0.00001413', 'type': 'sell'} {'price':
 '245999.99990000', 'volume': '0.00001413', 'type': 'sell'} {'price':
 '246000.00000000', 'volume': '0.81919455', 'type': 'sell'} {'price':
 '246099.99990000', 'volume': '0.00001413', 'type': 'sell'} {'price':
 '246199.99990000', 'volume': '0.00001413', 'type': 'sell'} {'price':
 '246299.99990000', 'volume': '0.00001413', 'type': 'sell'} {'price':
 '246399.99990000', 'volume': '0.00001413', 'type': 'sell'} {'price':
 '246499.99990000', 'volume': '0.00001413', 'type': 'sell'} {'price':
 '246510.00000000', 'volume': '0.00006141', 'type': 'sell'} {'price':

'246599.99990000', 'volume': '0.00001413', 'type': 'sell'} {'price':
 '246699.99990000', 'volume': '0.00001413', 'type': 'sell'} {'price':
 '246799.99990000', 'volume': '0.00001410', 'type': 'sell'} {'price':
 '246899.99990000', 'volume': '0.00001410', 'type': 'sell'} {'price':
 '246960.00000000', 'volume': '0.00450000', 'type': 'sell'} {'price':
 '246963.00000000', 'volume': '0.00330000', 'type': 'sell'} {'price':
 '246999.99990000', 'volume': '0.00001410', 'type': 'sell'} {'price':
 '247000.00000000', 'volume': '0.00086500', 'type': 'sell'} {'price':
 '247099.99990000', 'volume': '0.00001410', 'type': 'sell'} {'price':
 '247170.17000000', 'volume': '0.00997602', 'type': 'sell'} {'price':
 '247199.99990000', 'volume': '0.00001410', 'type': 'sell'} {'price':
 '247200.00000000', 'volume': '0.00101440', 'type': 'sell'} {'price':
 '247299.99990000', 'volume': '0.00001410', 'type': 'sell'} {'price':
 '247313.13000000', 'volume': '0.00364937', 'type': 'sell'} {'price':
 '247399.99990000', 'volume': '0.00001410', 'type': 'sell'} {'price':
 '247499.99990000', 'volume': '0.00001410', 'type': 'sell'} {'price':
 '247511.61000000', 'volume': '0.00004252', 'type': 'sell'} {'price':
 '247599.99990000', 'volume': '0.00001410', 'type': 'sell'} {'price':
 '247699.99990000', 'volume': '0.00001410', 'type': 'sell'} {'price':
 '247799.99990000', 'volume': '0.00001410', 'type': 'sell'} {'price':
 '247831.26000000', 'volume': '0.00120761', 'type': 'sell'} {'price':
 '247899.99990000', 'volume': '0.00001410', 'type': 'sell'} {'price':
 '247999.99990000', 'volume': '0.00001408', 'type': 'sell'} {'price':
 '248000.00000000', 'volume': '0.19444459', 'type': 'sell'} {'price':
 '248099.99990000', 'volume': '0.00001408', 'type': 'sell'} {'price':
 '248199.99990000', 'volume': '0.00001408', 'type': 'sell'} {'price':
 '248299.99990000', 'volume': '0.00001408', 'type': 'sell'} {'price':
 '248399.99990000', 'volume': '0.00001408', 'type': 'sell'} {'price':
 '248499.99990000', 'volume': '0.00001408', 'type': 'sell'} {'price':
 '248500.00000000', 'volume': '0.09430400', 'type': 'sell'} {'price':
 '248599.99990000', 'volume': '0.00001408', 'type': 'sell'} {'price':
 '248699.99990000', 'volume': '0.00001408', 'type': 'sell'} {'price':
 '248799.99990000', 'volume': '0.00001408', 'type': 'sell'} {'price':
 '248880.00000000', 'volume': '0.10000000', 'type': 'sell'} {'price':
 '248899.99990000', 'volume': '0.00001408', 'type': 'sell'} {'price':
 '248900.00000000', 'volume': '0.03247194', 'type': 'sell'} {'price':
 '248998.00000000', 'volume': '0.00300000', 'type': 'sell'} {'price':
 '248999.99990000', 'volume': '0.00001408', 'type': 'sell'} {'price':
 '249000.00000000', 'volume': '0.08166173', 'type': 'sell'} {'price':
 '249000.08000000', 'volume': '0.00003698', 'type': 'sell'} {'price':
 '249099.99990000', 'volume': '0.00001408', 'type': 'sell'} {'price':
 '249199.99990000', 'volume': '0.00001406', 'type': 'sell'} {'price':
 '249299.99990000', 'volume': '0.00004676', 'type': 'sell'} {'price':
 '249399.99990000', 'volume': '0.00010406', 'type': 'sell'} {'price':
 '249499.99990000', 'volume': '0.00010406', 'type': 'sell'} {'price':
 '249509.99900000', 'volume': '0.00010000', 'type': 'sell'} {'price':
 '249560.00000000', 'volume': '0.00010000', 'type': 'sell'} {'price':
 '249599.99990000', 'volume': '0.00010406', 'type': 'sell'} {'price':

'249667.00000000', 'volume': '0.02000000', 'type': 'sell'} {'price':
 '249699.99990000', 'volume': '0.00010406', 'type': 'sell'} {'price':
 '249700.00000000', 'volume': '0.00150228', 'type': 'sell'} {'price':
 '249799.99990000', 'volume': '0.00010406', 'type': 'sell'} {'price':
 '249800.00000000', 'volume': '0.00100000', 'type': 'sell'} {'price':
 '249874.56000000', 'volume': '0.17217494', 'type': 'sell'} {'price':
 '249876.54000000', 'volume': '0.00190000', 'type': 'sell'} {'price':
 '249895.00000000', 'volume': '0.00500000', 'type': 'sell'} {'price':
 '249899.99990000', 'volume': '0.00010406', 'type': 'sell'} {'price':
 '249900.00000000', 'volume': '0.11800465', 'type': 'sell'} {'price':
 '249998.00000000', 'volume': '1.00300000', 'type': 'sell'} {'price':
 '249999.00000000', 'volume': '0.00283716', 'type': 'sell'} {'price':
 '249999.99990000', 'volume': '0.00010406', 'type': 'sell'} {'price':
 '250000.00000000', 'volume': '2.61221856', 'type': 'sell'} {'price':
 '250000.07000000', 'volume': '0.01011525', 'type': 'sell'} {'price':
 '250000.08000000', 'volume': '0.00060383', 'type': 'sell'} {'price':
 '250008.15000000', 'volume': '0.00001629', 'type': 'sell'} {'price':
 '250088.88000000', 'volume': '0.04416423', 'type': 'sell'} {'price':
 '250099.99990000', 'volume': '0.00000406', 'type': 'sell'} {'price':
 '250199.99990000', 'volume': '0.00000406', 'type': 'sell'} {'price':
 '250222.22000000', 'volume': '0.00025378', 'type': 'sell'} {'price':
 '250299.99990000', 'volume': '0.00000404', 'type': 'sell'} {'price':
 '250364.43000000', 'volume': '0.00044685', 'type': 'sell'} {'price':
 '250399.99990000', 'volume': '0.00000404', 'type': 'sell'} {'price':
 '250439.79131000', 'volume': '0.15116624', 'type': 'sell'} {'price':
 '250499.99990000', 'volume': '0.00000404', 'type': 'sell'} {'price':
 '250500.00000000', 'volume': '0.00866465', 'type': 'sell'} {'price':
 '250538.34000000', 'volume': '0.00026795', 'type': 'sell'} {'price':
 '250555.00000000', 'volume': '0.00078238', 'type': 'sell'} {'price':
 '250599.99990000', 'volume': '0.00000404', 'type': 'sell'} {'price':
 '250699.99990000', 'volume': '0.00000404', 'type': 'sell'} {'price':
 '250799.99990000', 'volume': '0.00000404', 'type': 'sell'} {'price':
 '250805.00000000', 'volume': '0.00130000', 'type': 'sell'} {'price':
 '250899.99990000', 'volume': '0.00000404', 'type': 'sell'} {'price':
 '250965.88000000', 'volume': '0.00110061', 'type': 'sell'} {'price':
 '250980.01000000', 'volume': '0.00510000', 'type': 'sell'} {'price':
 '250999.99990000', 'volume': '0.00010404', 'type': 'sell'} {'price':
 '251000.00000000', 'volume': '0.01220975', 'type': 'sell'} {'price':
 '251068.86000000', 'volume': '0.00181000', 'type': 'sell'} {'price':
 '251099.99990000', 'volume': '0.00000404', 'type': 'sell'} {'price':
 '251199.99990000', 'volume': '0.00000404', 'type': 'sell'} {'price':
 '251299.99990000', 'volume': '0.00000404', 'type': 'sell'} {'price':
 '251360.00000000', 'volume': '0.00641302', 'type': 'sell'} {'price':
 '251399.99990000', 'volume': '0.00000404', 'type': 'sell'} {'price':
 '251499.99990000', 'volume': '0.00000404', 'type': 'sell'} {'price':
 '251599.99990000', 'volume': '0.00000404', 'type': 'sell'} {'price':
 '251699.99990000', 'volume': '0.00000402', 'type': 'sell'} {'price':
 '251799.99990000', 'volume': '0.00000402', 'type': 'sell'} {'price':

'251829.09000000', 'volume': '0.00018900', 'type': 'sell'} {'price':
 '251899.99990000', 'volume': '0.00000402', 'type': 'sell'} {'price':
 '251900.00000000', 'volume': '0.00503938', 'type': 'sell'} {'price':
 '251999.99990000', 'volume': '0.00000402', 'type': 'sell'} {'price':
 '252000.00000000', 'volume': '0.00467963', 'type': 'sell'} {'price':
 '252099.99990000', 'volume': '0.00000402', 'type': 'sell'} {'price':
 '252199.99990000', 'volume': '0.00000402', 'type': 'sell'} {'price':
 '252299.99990000', 'volume': '0.00000402', 'type': 'sell'} {'price':
 '252399.99990000', 'volume': '0.00000402', 'type': 'sell'} {'price':
 '252499.99990000', 'volume': '0.00000402', 'type': 'sell'} {'price':
 '252500.00000000', 'volume': '0.00006300', 'type': 'sell'} {'price':
 '252599.99990000', 'volume': '0.00000402', 'type': 'sell'} {'price':
 '252699.99990000', 'volume': '0.00000402', 'type': 'sell'} {'price':
 '252739.80000000', 'volume': '0.00020000', 'type': 'sell'} {'price':
 '252799.99990000', 'volume': '0.00000402', 'type': 'sell'} {'price':
 '252850.00000000', 'volume': '0.03988001', 'type': 'sell'} {'price':
 '252899.99990000', 'volume': '0.00000402', 'type': 'sell'} {'price':
 '252999.99990000', 'volume': '0.00000400', 'type': 'sell'} {'price':
 '253000.00000000', 'volume': '0.05034130', 'type': 'sell'} {'price':
 '253099.99990000', 'volume': '0.00000400', 'type': 'sell'} {'price':
 '253199.99990000', 'volume': '0.00000400', 'type': 'sell'} {'price':
 '253299.99990000', 'volume': '0.00000400', 'type': 'sell'} {'price':
 '253333.33000000', 'volume': '0.04000000', 'type': 'sell'} {'price':
 '253399.99990000', 'volume': '0.00000400', 'type': 'sell'} {'price':
 '253499.99990000', 'volume': '0.00000400', 'type': 'sell'} {'price':
 '253599.99990000', 'volume': '0.00000400', 'type': 'sell'} {'price':
 '253699.99990000', 'volume': '0.00000400', 'type': 'sell'} {'price':
 '253799.99990000', 'volume': '0.00000400', 'type': 'sell'} {'price':
 '253899.99990000', 'volume': '0.00000400', 'type': 'sell'} {'price':
 '253999.99990000', 'volume': '0.00000400', 'type': 'sell'} {'price':
 '254000.00000000', 'volume': '0.00000500', 'type': 'sell'} {'price':
 '254099.99990000', 'volume': '0.00000400', 'type': 'sell'} {'price':
 '254199.99990000', 'volume': '0.00000398', 'type': 'sell'} {'price':
 '254299.99990000', 'volume': '0.00000398', 'type': 'sell'} {'price':
 '254346.28000000', 'volume': '0.00004576', 'type': 'sell'} {'price':
 '254367.89000000', 'volume': '0.00016093', 'type': 'sell'} {'price':
 '254399.99990000', 'volume': '0.00000398', 'type': 'sell'} {'price':
 '254499.99990000', 'volume': '0.00000398', 'type': 'sell'} {'price':
 '254599.99990000', 'volume': '0.00000398', 'type': 'sell'} {'price':
 '254699.99990000', 'volume': '0.00000398', 'type': 'sell'} {'price':
 '254799.99990000', 'volume': '0.00000398', 'type': 'sell'} {'price':
 '254899.99990000', 'volume': '0.00000398', 'type': 'sell'} {'price':
 '254987.65000000', 'volume': '0.00190000', 'type': 'sell'} {'price':
 '254998.00000000', 'volume': '0.00300000', 'type': 'sell'} {'price':
 '254999.99990000', 'volume': '0.00000398', 'type': 'sell'} {'price':
 '255000.00000000', 'volume': '0.31300092', 'type': 'sell'} {'price':
 '255099.99990000', 'volume': '0.00000398', 'type': 'sell'} {'price':
 '255199.99990000', 'volume': '0.00000398', 'type': 'sell'} {'price':

'255299.99990000', 'volume': '0.00000398', 'type': 'sell'} {'price':
 '255333.33000000', 'volume': '0.00059477', 'type': 'sell'} {'price':
 '255399.99990000', 'volume': '0.00000398', 'type': 'sell'} {'price':
 '255465.32000000', 'volume': '0.00043283', 'type': 'sell'} {'price':
 '255499.99990000', 'volume': '0.00000398', 'type': 'sell'} {'price':
 '255555.55000000', 'volume': '0.23993753', 'type': 'sell'} {'price':
 '255599.99990000', 'volume': '0.00000398', 'type': 'sell'} {'price':
 '255690.00000000', 'volume': '0.00973960', 'type': 'sell'} {'price':
 '255699.99990000', 'volume': '0.00000398', 'type': 'sell'} {'price':
 '255799.99990000', 'volume': '0.00000398', 'type': 'sell'} {'price':
 '255830.10000000', 'volume': '0.00014514', 'type': 'sell'} {'price':
 '255899.99990000', 'volume': '0.00000398', 'type': 'sell'} {'price':
 '255999.99990000', 'volume': '0.00047405', 'type': 'sell'} {'price':
 '256000.00000000', 'volume': '0.01376901', 'type': 'sell'} {'price':
 '256099.99990000', 'volume': '0.00000396', 'type': 'sell'} {'price':
 '256199.99990000', 'volume': '0.00000396', 'type': 'sell'} {'price':
 '256299.99990000', 'volume': '0.00000396', 'type': 'sell'} {'price':
 '256399.99990000', 'volume': '0.00000396', 'type': 'sell'} {'price':
 '256499.99990000', 'volume': '0.00000396', 'type': 'sell'} {'price':
 '256587.00000000', 'volume': '0.00010000', 'type': 'sell'} {'price':
 '256599.99990000', 'volume': '0.00000394', 'type': 'sell'} {'price':
 '256699.99990000', 'volume': '0.00000394', 'type': 'sell'} {'price':
 '256799.99990000', 'volume': '0.00000394', 'type': 'sell'} {'price':
 '256843.44000000', 'volume': '0.00181908', 'type': 'sell'} {'price':
 '256899.99990000', 'volume': '0.00000394', 'type': 'sell'} {'price':
 '256999.99990000', 'volume': '0.00000394', 'type': 'sell'} {'price':
 '257000.00000000', 'volume': '0.07000500', 'type': 'sell'} {'price':
 '257099.99990000', 'volume': '0.00000394', 'type': 'sell'} {'price':
 '257199.99990000', 'volume': '0.00000394', 'type': 'sell'} {'price':
 '257299.99990000', 'volume': '0.00000394', 'type': 'sell'} {'price':
 '257345.86000000', 'volume': '0.00010000', 'type': 'sell'} {'price':
 '257399.99990000', 'volume': '0.00000394', 'type': 'sell'} {'price':
 '257499.99990000', 'volume': '0.00000394', 'type': 'sell'} {'price':
 '257599.99990000', 'volume': '0.00000394', 'type': 'sell'} {'price':
 '257699.99990000', 'volume': '0.00000394', 'type': 'sell'} {'price':
 '257799.99990000', 'volume': '0.00000394', 'type': 'sell'} {'price':
 '257853.62000000', 'volume': '0.00650000', 'type': 'sell'} {'price':
 '257893.44000000', 'volume': '0.00188734', 'type': 'sell'} {'price':
 '257899.50000000', 'volume': '0.00010000', 'type': 'sell'} {'price':
 '257899.99990000', 'volume': '0.00000394', 'type': 'sell'} {'price':
 '257999.99990000', 'volume': '0.00000394', 'type': 'sell'} {'price':
 '258000.00000000', 'volume': '0.00844688', 'type': 'sell'} {'price':
 '258099.99990000', 'volume': '0.00000392', 'type': 'sell'} {'price':
 '258199.99990000', 'volume': '0.00000392', 'type': 'sell'} {'price':
 '258299.99990000', 'volume': '0.00000392', 'type': 'sell'} {'price':
 '258399.99990000', 'volume': '0.00000392', 'type': 'sell'} {'price':
 '258499.99990000', 'volume': '0.00000392', 'type': 'sell'} {'price':
 '258599.99990000', 'volume': '0.00000392', 'type': 'sell'} {'price':

'258623.00000000', 'volume': '0.01050854', 'type': 'sell'} {'price':
 '258656.66000000', 'volume': '0.00800000', 'type': 'sell'} {'price':
 '258699.99990000', 'volume': '0.00000392', 'type': 'sell'} {'price':
 '258799.99990000', 'volume': '0.00000392', 'type': 'sell'} {'price':
 '258899.99990000', 'volume': '0.00000392', 'type': 'sell'} {'price':
 '258900.00000000', 'volume': '0.00050000', 'type': 'sell'} {'price':
 '258998.00000000', 'volume': '0.00300000', 'type': 'sell'} {'price':
 '258999.99990000', 'volume': '0.00000392', 'type': 'sell'} {'price':
 '259000.00000000', 'volume': '0.21148202', 'type': 'sell'} {'price':
 '259099.99990000', 'volume': '0.00000392', 'type': 'sell'} {'price':
 '259199.00000000', 'volume': '0.00022894', 'type': 'sell'} {'price':
 '259199.99990000', 'volume': '0.00000392', 'type': 'sell'} {'price':
 '259299.99990000', 'volume': '0.00000392', 'type': 'sell'} {'price':
 '259399.99990000', 'volume': '0.00000392', 'type': 'sell'} {'price':
 '259499.99990000', 'volume': '0.00000390', 'type': 'sell'} {'price':
 '259599.99990000', 'volume': '0.00000390', 'type': 'sell'} {'price':
 '259600.00000000', 'volume': '0.00396551', 'type': 'sell'} {'price':
 '259699.99990000', 'volume': '0.00000390', 'type': 'sell'} {'price':
 '259799.99990000', 'volume': '0.00000390', 'type': 'sell'} {'price':
 '259899.99990000', 'volume': '0.00000390', 'type': 'sell'} {'price':
 '259900.00000000', 'volume': '0.00100000', 'type': 'sell'} {'price':
 '259999.99990000', 'volume': '0.00000390', 'type': 'sell'} {'price':
 '260000.00000000', 'volume': '0.57044610', 'type': 'sell'} {'price':
 '260000.08000000', 'volume': '0.00028860', 'type': 'sell'} {'price':
 '260099.99990000', 'volume': '0.00000390', 'type': 'sell'} {'price':
 '260199.99990000', 'volume': '0.00000390', 'type': 'sell'} {'price':
 '260299.99990000', 'volume': '0.00000390', 'type': 'sell'} {'price':
 '260399.99990000', 'volume': '0.00000390', 'type': 'sell'} {'price':
 '260499.99990000', 'volume': '0.00000390', 'type': 'sell'} {'price':
 '260500.01000000', 'volume': '0.00017931', 'type': 'sell'} {'price':
 '260599.99990000', 'volume': '0.00000390', 'type': 'sell'} {'price':
 '260699.99990000', 'volume': '0.00000390', 'type': 'sell'} {'price':
 '260799.99990000', 'volume': '0.00000390', 'type': 'sell'} {'price':
 '260800.00000000', 'volume': '0.00074950', 'type': 'sell'} {'price':
 '260899.99990000', 'volume': '0.00000776', 'type': 'sell'} {'price':
 '260999.99990000', 'volume': '0.00000388', 'type': 'sell'} {'price':
 '261000.00000000', 'volume': '0.11167546', 'type': 'sell'} {'price':
 '261099.99990000', 'volume': '0.00000388', 'type': 'sell'} {'price':
 '261199.99990000', 'volume': '0.00000388', 'type': 'sell'} {'price':
 '261299.99990000', 'volume': '0.00000388', 'type': 'sell'} {'price':
 '261399.99990000', 'volume': '0.00000388', 'type': 'sell'} {'price':
 '261499.99990000', 'volume': '0.00000388', 'type': 'sell'} {'price':
 '261589.99990000', 'volume': '0.00010000', 'type': 'sell'} {'price':
 '261599.99990000', 'volume': '0.00000388', 'type': 'sell'} {'price':
 '261699.99990000', 'volume': '0.00000388', 'type': 'sell'} {'price':
 '261799.99990000', 'volume': '0.00000388', 'type': 'sell'} {'price':
 '261899.99990000', 'volume': '0.00000388', 'type': 'sell'} {'price':
 '261999.99990000', 'volume': '0.00000388', 'type': 'sell'} {'price':

[illegible]

'265599.99990000', 'volume': '0.00000382', 'type': 'sell'} {'price':
 '265680.00000000', 'volume': '0.01000000', 'type': 'sell'} {'price':
 '265699.99990000', 'volume': '0.00000382', 'type': 'sell'} {'price':
 '265799.99990000', 'volume': '0.00000382', 'type': 'sell'} {'price':
 '265851.45000000', 'volume': '0.00196018', 'type': 'sell'} {'price':
 '265899.99990000', 'volume': '0.00000382', 'type': 'sell'} {'price':
 '265999.99000000', 'volume': '0.00030012', 'type': 'sell'} {'price':
 '265999.99990000', 'volume': '0.00000382', 'type': 'sell'} {'price':
 '266000.00000000', 'volume': '0.05216319', 'type': 'sell'} {'price':
 '266022.00000000', 'volume': '0.00004015', 'type': 'sell'} {'price':
 '266099.99990000', 'volume': '0.00000382', 'type': 'sell'} {'price':
 '266156.00000000', 'volume': '0.00038535', 'type': 'sell'} {'price':
 '266199.99990000', 'volume': '0.00000382', 'type': 'sell'} {'price':
 '266299.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '266333.00000000', 'volume': '0.49172285', 'type': 'sell'} {'price':
 '266340.00000000', 'volume': '0.00390000', 'type': 'sell'} {'price':
 '266399.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '266421.99000000', 'volume': '0.00004603', 'type': 'sell'} {'price':
 '266499.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '266599.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '266699.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '266799.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '266899.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '266999.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '267000.00000000', 'volume': '0.01319955', 'type': 'sell'} {'price':
 '267099.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '267199.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '267299.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '267399.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '267499.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '267599.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '267699.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '267799.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '267899.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '267967.78581000', 'volume': '0.13604961', 'type': 'sell'} {'price':
 '267999.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '268000.00000000', 'volume': '0.06697075', 'type': 'sell'} {'price':
 '268003.00000000', 'volume': '0.00018642', 'type': 'sell'} {'price':
 '268056.49000000', 'volume': '0.00404034', 'type': 'sell'} {'price':
 '268099.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '268100.00000000', 'volume': '0.00093530', 'type': 'sell'} {'price':
 '268150.00000000', 'volume': '0.00002000', 'type': 'sell'} {'price':
 '268199.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '268299.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '268399.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '268499.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':
 '268500.00000000', 'volume': '0.00020000', 'type': 'sell'} {'price':
 '268599.99990000', 'volume': '0.00000380', 'type': 'sell'} {'price':

'268699.99990000', 'volume': '0.00000377', 'type': 'sell'} {'price':
 '268710.58000000', 'volume': '0.00320717', 'type': 'sell'} {'price':
 '268749.28000000', 'volume': '0.00102547', 'type': 'sell'} {'price':
 '268794.11000000', 'volume': '0.00258448', 'type': 'sell'} {'price':
 '268799.99990000', 'volume': '0.00000377', 'type': 'sell'} {'price':
 '268865.41000000', 'volume': '0.00020000', 'type': 'sell'} {'price':
 '268899.99990000', 'volume': '0.00000377', 'type': 'sell'} {'price':
 '268998.00000000', 'volume': '0.00300000', 'type': 'sell'} {'price':
 '268999.99990000', 'volume': '0.00000377', 'type': 'sell'} {'price':
 '269000.00000000', 'volume': '0.00674832', 'type': 'sell'} {'price':
 '269099.99990000', 'volume': '0.00000376', 'type': 'sell'} {'price':
 '269135.26000000', 'volume': '0.00167049', 'type': 'sell'} {'price':
 '269199.99990000', 'volume': '0.00000376', 'type': 'sell'} {'price':
 '269299.99990000', 'volume': '0.00000376', 'type': 'sell'} {'price':
 '269399.99990000', 'volume': '0.00000376', 'type': 'sell'} {'price':
 '269499.99990000', 'volume': '0.00000376', 'type': 'sell'} {'price':
 '269599.99990000', 'volume': '0.00000376', 'type': 'sell'} {'price':
 '269699.99990000', 'volume': '0.00000376', 'type': 'sell'} {'price':
 '269700.00000000', 'volume': '0.00037088', 'type': 'sell'} {'price':
 '269799.99990000', 'volume': '0.00000375', 'type': 'sell'} {'price':
 '269852.30000000', 'volume': '0.01452829', 'type': 'sell'} {'price':
 '269899.00000000', 'volume': '0.00010000', 'type': 'sell'} {'price':
 '269899.99990000', 'volume': '0.00000375', 'type': 'sell'} {'price':
 '269979.99000000', 'volume': '0.00328195', 'type': 'sell'} {'price':
 '269999.99990000', 'volume': '0.00000375', 'type': 'sell'} {'price':
 '270000.00000000', 'volume': '0.05138919', 'type': 'sell'} {'price':
 '270000.08000000', 'volume': '0.00004135', 'type': 'sell'} {'price':
 '270099.99990000', 'volume': '0.00000375', 'type': 'sell'} {'price':
 '270126.45000000', 'volume': '0.00370197', 'type': 'sell'} {'price':
 '270199.99990000', 'volume': '0.00000375', 'type': 'sell'} {'price':
 '270234.83000000', 'volume': '0.00221872', 'type': 'sell'} {'price':
 '270299.99990000', 'volume': '0.00000375', 'type': 'sell'} {'price':
 '270399.99990000', 'volume': '0.00000375', 'type': 'sell'} {'price':
 '270499.99990000', 'volume': '0.00000375', 'type': 'sell'} {'price':
 '270599.99990000', 'volume': '0.00000374', 'type': 'sell'} {'price':
 '270699.99990000', 'volume': '0.00000374', 'type': 'sell'} {'price':
 '270799.99990000', 'volume': '0.00000374', 'type': 'sell'} {'price':
 '270853.99000000', 'volume': '0.00892828', 'type': 'sell'} {'price':
 '270899.99990000', 'volume': '0.00000374', 'type': 'sell'} {'price':
 '270995.89000000', 'volume': '0.00112632', 'type': 'sell'} {'price':
 '270999.99990000', 'volume': '0.00000374', 'type': 'sell'} {'price':
 '271000.00000000', 'volume': '0.00091627', 'type': 'sell'} {'price':
 '271099.99990000', 'volume': '0.00000374', 'type': 'sell'} {'price':
 '271199.99990000', 'volume': '0.00000374', 'type': 'sell'} {'price':
 '271299.99990000', 'volume': '0.00000373', 'type': 'sell'} {'price':
 '271302.99000000', 'volume': '0.00026826', 'type': 'sell'} {'price':
 '271399.99990000', 'volume': '0.00000373', 'type': 'sell'} {'price':
 '271499.99990000', 'volume': '0.00000373', 'type': 'sell'} {'price':

'271538.08000000', 'volume': '0.00062128', 'type': 'sell'} {'price':
 '271599.99990000', 'volume': '0.00000373', 'type': 'sell'} {'price':
 '271699.99990000', 'volume': '0.00000373', 'type': 'sell'} {'price':
 '271750.00000000', 'volume': '0.00225428', 'type': 'sell'} {'price':
 '271799.99990000', 'volume': '0.00000373', 'type': 'sell'} {'price':
 '271899.99990000', 'volume': '0.00000373', 'type': 'sell'} {'price':
 '271999.99990000', 'volume': '0.00000373', 'type': 'sell'} {'price':
 '272000.00000000', 'volume': '0.00392493', 'type': 'sell'} {'price':
 '272099.99990000', 'volume': '0.00000372', 'type': 'sell'} {'price':
 '272199.99990000', 'volume': '0.00000372', 'type': 'sell'} {'price':
 '272210.00000000', 'volume': '0.00056468', 'type': 'sell'} {'price':
 '272299.99990000', 'volume': '0.00000372', 'type': 'sell'} {'price':
 '272399.99990000', 'volume': '0.00000372', 'type': 'sell'} {'price':
 '272499.99990000', 'volume': '0.00000372', 'type': 'sell'} {'price':
 '272599.99990000', 'volume': '0.00000372', 'type': 'sell'} {'price':
 '272699.99990000', 'volume': '0.00000371', 'type': 'sell'} {'price':
 '272799.99990000', 'volume': '0.00000371', 'type': 'sell'} {'price':
 '272860.00000000', 'volume': '0.00024444', 'type': 'sell'} {'price':
 '272899.99990000', 'volume': '0.00000371', 'type': 'sell'} {'price':
 '272900.00000000', 'volume': '0.00022931', 'type': 'sell'} {'price':
 '272999.99990000', 'volume': '0.00000371', 'type': 'sell'} {'price':
 '273000.00000000', 'volume': '0.03601821', 'type': 'sell'} {'price':
 '273099.99990000', 'volume': '0.00000371', 'type': 'sell'} {'price':
 '273199.99990000', 'volume': '0.00000371', 'type': 'sell'} {'price':
 '273299.99990000', 'volume': '0.00000371', 'type': 'sell'} {'price':
 '273399.99990000', 'volume': '0.00000370', 'type': 'sell'} {'price':
 '273499.99990000', 'volume': '0.00000370', 'type': 'sell'} {'price':
 '273599.66300000', 'volume': '0.00010000', 'type': 'sell'} {'price':
 '273599.99990000', 'volume': '0.00000370', 'type': 'sell'} {'price':
 '273699.99990000', 'volume': '0.00000370', 'type': 'sell'} {'price':
 '206607.90000000', 'volume': '0.00002000', 'type': 'buy'} {'price':
 '206392.87000000', 'volume': '0.00005000', 'type': 'buy'} {'price':
 '206284.33000000', 'volume': '0.04072173', 'type': 'buy'} {'price':
 '206248.00011003', 'volume': '0.00143188', 'type': 'buy'} {'price':
 '206248.00011000', 'volume': '0.21900000', 'type': 'buy'} {'price':
 '206131.00000000', 'volume': '0.32800000', 'type': 'buy'} {'price':
 '206000.88721988', 'volume': '0.30834128', 'type': 'buy'} {'price':
 '206000.88720485', 'volume': '0.30834131', 'type': 'buy'} {'price':
 '206000.88000000', 'volume': '0.04077963', 'type': 'buy'} {'price':
 '206000.00000000', 'volume': '0.08162126', 'type': 'buy'} {'price':
 '205999.13000000', 'volume': '0.01220281', 'type': 'buy'} {'price':
 '205984.00000000', 'volume': '0.32800000', 'type': 'buy'} {'price':
 '205950.00000000', 'volume': '0.00240000', 'type': 'buy'} {'price':
 '205943.46000000', 'volume': '0.00005000', 'type': 'buy'} {'price':
 '205929.39000000', 'volume': '0.00110858', 'type': 'buy'} {'price':
 '205907.00000000', 'volume': '0.49900000', 'type': 'buy'} {'price':
 '205900.00000000', 'volume': '0.72228731', 'type': 'buy'} {'price':
 '205821.23000000', 'volume': '0.00030000', 'type': 'buy'} {'price':

'205800.00000000', 'volume': '0.00001555', 'type': 'buy' } {'price':
 '205775.00000000', 'volume': '0.00560000', 'type': 'buy' } {'price':
 '205730.01000000', 'volume': '0.00024303', 'type': 'buy' } {'price':
 '205700.00000000', 'volume': '0.00001555', 'type': 'buy' } {'price':
 '205664.00000000', 'volume': '0.00025346', 'type': 'buy' } {'price':
 '205600.00000000', 'volume': '0.00001555', 'type': 'buy' } {'price':
 '205555.55000000', 'volume': '0.00004000', 'type': 'buy' } {'price':
 '205528.84830000', 'volume': '0.00015035', 'type': 'buy' } {'price':
 '205500.00000000', 'volume': '0.00001555', 'type': 'buy' } {'price':
 '205400.00000000', 'volume': '0.00001555', 'type': 'buy' } {'price':
 '205300.00000000', 'volume': '0.00001555', 'type': 'buy' } {'price':
 '205205.00000000', 'volume': '0.00001000', 'type': 'buy' } {'price':
 '205200.01000000', 'volume': '0.00600000', 'type': 'buy' } {'price':
 '205100.00000000', 'volume': '0.02544553', 'type': 'buy' } {'price':
 '205077.75000000', 'volume': '0.05886000', 'type': 'buy' } {'price':
 '205077.00000000', 'volume': '1.66800000', 'type': 'buy' } {'price':
 '205007.00000000', 'volume': '0.00785373', 'type': 'buy' } {'price':
 '205005.05000000', 'volume': '0.00200000', 'type': 'buy' } {'price':
 '205001.00000000', 'volume': '0.00048780', 'type': 'buy' } {'price':
 '205000.00000000', 'volume': '0.13058937', 'type': 'buy' } {'price':
 '204900.00000000', 'volume': '0.04405555', 'type': 'buy' } {'price':
 '204800.00000000', 'volume': '0.00001555', 'type': 'buy' } {'price':
 '204700.00000000', 'volume': '0.00001555', 'type': 'buy' } {'price':
 '204600.00000000', 'volume': '0.00001555', 'type': 'buy' } {'price':
 '204500.00000000', 'volume': '0.08452195', 'type': 'buy' } {'price':
 '204400.00000000', 'volume': '0.00001555', 'type': 'buy' } {'price':
 '204200.00000000', 'volume': '0.00001555', 'type': 'buy' } {'price':
 '204100.00000000', 'volume': '0.00001555', 'type': 'buy' } {'price':
 '204000.09000000', 'volume': '0.00500000', 'type': 'buy' } {'price':
 '204000.00000000', 'volume': '0.06378308', 'type': 'buy' } {'price':
 '203968.00000000', 'volume': '1.01200000', 'type': 'buy' } {'price':
 '203900.00000000', 'volume': '0.04405555', 'type': 'buy' } {'price':
 '203800.00000000', 'volume': '0.00001555', 'type': 'buy' } {'price':
 '203700.00000000', 'volume': '0.00001555', 'type': 'buy' } {'price':
 '203600.00000000', 'volume': '0.00001555', 'type': 'buy' } {'price':
 '203500.00000000', 'volume': '0.00003555', 'type': 'buy' } {'price':
 '203400.00000000', 'volume': '0.00001555', 'type': 'buy' } {'price':
 '203300.00000000', 'volume': '0.00001555', 'type': 'buy' } {'price':
 '203205.00000000', 'volume': '0.00001010', 'type': 'buy' } {'price':
 '203203.33000000', 'volume': '0.01403378', 'type': 'buy' } {'price':
 '203200.00000000', 'volume': '0.00001555', 'type': 'buy' } {'price':
 '203100.00000000', 'volume': '0.00001555', 'type': 'buy' } {'price':
 '203007.00000000', 'volume': '0.00930332', 'type': 'buy' } {'price':
 '203000.00000000', 'volume': '0.00303555', 'type': 'buy' } {'price':
 '202900.00000000', 'volume': '0.04404000', 'type': 'buy' } {'price':
 '202803.41000000', 'volume': '0.00001555', 'type': 'buy' } {'price':
 '202777.00000000', 'volume': '0.00196684', 'type': 'buy' } {'price':
 '202744.84961000', 'volume': '0.00003009', 'type': 'buy' } {'price':

'202687.93000000', 'volume': '0.00080000', 'type': 'buy' } {'price':
 '202603.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '202500.00000000', 'volume': '0.00573565', 'type': 'buy' } {'price':
 '202448.53000000', 'volume': '0.11315498', 'type': 'buy' } {'price':
 '202440.00000000', 'volume': '0.68700000', 'type': 'buy' } {'price':
 '202403.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '202300.99000000', 'volume': '0.01361970', 'type': 'buy' } {'price':
 '202222.22000000', 'volume': '0.00004000', 'type': 'buy' } {'price':
 '202203.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '202100.00000000', 'volume': '0.00030100', 'type': 'buy' } {'price':
 '202003.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '202000.00000000', 'volume': '0.03266353', 'type': 'buy' } {'price':
 '201985.24750000', 'volume': '0.00024754', 'type': 'buy' } {'price':
 '201900.00000000', 'volume': '0.04517909', 'type': 'buy' } {'price':
 '201857.01000000', 'volume': '0.00589999', 'type': 'buy' } {'price':
 '201803.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '201603.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '201501.00000000', 'volume': '0.00274494', 'type': 'buy' } {'price':
 '201500.00000000', 'volume': '0.22087017', 'type': 'buy' } {'price':
 '201470.00000000', 'volume': '0.00025079', 'type': 'buy' } {'price':
 '201403.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '201334.44000000', 'volume': '0.00724525', 'type': 'buy' } {'price':
 '201250.00000000', 'volume': '0.00030000', 'type': 'buy' } {'price':
 '201205.00000000', 'volume': '0.00001020', 'type': 'buy' } {'price':
 '201203.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '201200.00000000', 'volume': '0.00500000', 'type': 'buy' } {'price':
 '201007.00000000', 'volume': '0.01000000', 'type': 'buy' } {'price':
 '201003.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '201000.10000000', 'volume': '0.00240000', 'type': 'buy' } {'price':
 '201000.00000000', 'volume': '0.01380109', 'type': 'buy' } {'price':
 '200828.00000000', 'volume': '0.32800000', 'type': 'buy' } {'price':
 '200803.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '200770.85000000', 'volume': '0.42335777', 'type': 'buy' } {'price':
 '200603.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '200403.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '200400.00000000', 'volume': '0.02480000', 'type': 'buy' } {'price':
 '200203.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '200181.12000000', 'volume': '0.00436574', 'type': 'buy' } {'price':
 '200111.00000000', 'volume': '0.00058297', 'type': 'buy' } {'price':
 '200003.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '200000.01000000', 'volume': '1.60265492', 'type': 'buy' } {'price':
 '200000.00000000', 'volume': '1.19891174', 'type': 'buy' } {'price':
 '199999.99000000', 'volume': '0.01947855', 'type': 'buy' } {'price':
 '199999.13000000', 'volume': '0.01210290', 'type': 'buy' } {'price':
 '199999.00000000', 'volume': '0.00500000', 'type': 'buy' } {'price':
 '199985.31000000', 'volume': '0.00037502', 'type': 'buy' } {'price':
 '199900.00000000', 'volume': '0.00125097', 'type': 'buy' } {'price':
 '199803.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':

'199777.16000000', 'volume': '0.00060000', 'type': 'buy' } {'price':
 '199658.96000000', 'volume': '0.00100000', 'type': 'buy' } {'price':
 '199603.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '199403.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '199205.00000000', 'volume': '0.00001030', 'type': 'buy' } {'price':
 '199203.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '199100.00000000', 'volume': '0.00502260', 'type': 'buy' } {'price':
 '199003.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '199000.07000000', 'volume': '0.00050251', 'type': 'buy' } {'price':
 '199000.00000000', 'volume': '0.96941121', 'type': 'buy' } {'price':
 '198803.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '198769.46040000', 'volume': '0.00003069', 'type': 'buy' } {'price':
 '198603.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '198577.01000000', 'volume': '1.75711956', 'type': 'buy' } {'price':
 '198441.64670000', 'volume': '0.00040769', 'type': 'buy' } {'price':
 '198403.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '198203.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '198003.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '198000.00000000', 'volume': '0.07693192', 'type': 'buy' } {'price':
 '197900.00000000', 'volume': '0.00195401', 'type': 'buy' } {'price':
 '197803.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '197603.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '197572.13000000', 'volume': '0.00030000', 'type': 'buy' } {'price':
 '197534.33000000', 'volume': '0.00036240', 'type': 'buy' } {'price':
 '197530.00000000', 'volume': '0.00142484', 'type': 'buy' } {'price':
 '197510.77000000', 'volume': '0.11598382', 'type': 'buy' } {'price':
 '197500.00000000', 'volume': '0.00253165', 'type': 'buy' } {'price':
 '197403.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '197205.00000000', 'volume': '0.00001040', 'type': 'buy' } {'price':
 '197203.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '197125.30298594', 'volume': '0.00665820', 'type': 'buy' } {'price':
 '197101.00000000', 'volume': '0.01000000', 'type': 'buy' } {'price':
 '197003.41000000', 'volume': '0.00001666', 'type': 'buy' } {'price':
 '197000.00000000', 'volume': '0.01656854', 'type': 'buy' } {'price':
 '196500.00000000', 'volume': '0.00025073', 'type': 'buy' } {'price':
 '196400.00000000', 'volume': '0.05200000', 'type': 'buy' } {'price':
 '196154.00000000', 'volume': '0.00002029', 'type': 'buy' } {'price':
 '196096.96000000', 'volume': '0.01047446', 'type': 'buy' } {'price':
 '196000.00000000', 'volume': '0.02605392', 'type': 'buy' } {'price':
 '195600.00000000', 'volume': '0.00102250', 'type': 'buy' } {'price':
 '195405.00000000', 'volume': '0.01308011', 'type': 'buy' } {'price':
 '195205.00000000', 'volume': '0.00001060', 'type': 'buy' } {'price':
 '195001.00000000', 'volume': '0.00512764', 'type': 'buy' } {'price':
 '195000.00000000', 'volume': '0.30563300', 'type': 'buy' } {'price':
 '194944.00000000', 'volume': '0.00190589', 'type': 'buy' } {'price':
 '194898.04580000', 'volume': '0.00067164', 'type': 'buy' } {'price':
 '194872.02000000', 'volume': '0.00003233', 'type': 'buy' } {'price':
 '194402.99000000', 'volume': '0.00807018', 'type': 'buy' } {'price':

```

'194300.81000000', 'volume': '0.00766852', 'type': 'buy' } {'price':
'194100.00000000', 'volume': '0.00200000', 'type': 'buy' } {'price':
'194031.00000000', 'volume': '0.00025506', 'type': 'buy' } {'price':
'194003.57000000', 'volume': '0.00043988', 'type': 'buy' } {'price':
'194000.00000000', 'volume': '0.00541989', 'type': 'buy' } {'price':
'193635.00000000', 'volume': '0.00191296', 'type': 'buy' } {'price':
'193325.76000000', 'volume': '0.25863082', 'type': 'buy' } {'price':
'193205.00000000', 'volume': '0.00001070', 'type': 'buy' } {'price':
'193050.52000000', 'volume': '0.00004608', 'type': 'buy' } {'price':
'193000.00000000', 'volume': '0.06142139', 'type': 'buy' } {'price':
'192850.00000000', 'volume': '0.00051853', 'type': 'buy' } {'price':
'192790.00000000', 'volume': '0.00025133', 'type': 'buy' } {'price':
'192693.43000000', 'volume': '0.11888339', 'type': 'buy' } {'price':
'192000.00000000', 'volume': '0.02401484', 'type': 'buy' } {'price':
'191790.00000000', 'volume': '0.44500000', 'type': 'buy' } {'price':
'191354.44500000', 'volume': '0.00110686', 'type': 'buy' } {'price':
'191205.00000000', 'volume': '0.00001080', 'type': 'buy' } {'price':
'191100.00000000', 'volume': '0.00345138', 'type': 'buy' } {'price':
'191051.00000000', 'volume': '0.00003141', 'type': 'buy' } {'price':
'191007.00000000', 'volume': '0.01000000', 'type': 'buy' } {'price':
'191000.00000000', 'volume': '0.01382356', 'type': 'buy' } {'price':
'190599.00000000', 'volume': '0.02249277', 'type': 'buy' } {'price':
'190562.00000000', 'volume': '0.00711589', 'type': 'buy' } {'price':
'190100.00000000', 'volume': '0.00157812', 'type': 'buy' } {'price':
'190030.00000000', 'volume': '0.00026312', 'type': 'buy' } {'price':
'190001.00000000', 'volume': '0.00061494', 'type': 'buy' } {'price':
'190000.07000000', 'volume': '0.02084388', 'type': 'buy' } {'price':
'190000.00000000', 'volume': '0.20450981', 'type': 'buy' } {'price':
'189999.99880000', 'volume': '0.05651721', 'type': 'buy' } {'price':
'189665.66000000', 'volume': '0.00039675', 'type': 'buy' } {'price':
'189575.00000000', 'volume': '0.00005000', 'type': 'buy' } {'price':
'189500.00000000', 'volume': '0.01060000', 'type': 'buy' } {'price':
'189205.00000000', 'volume': '0.00001090', 'type': 'buy' } {'price':
'189001.01000000', 'volume': '0.00011074', 'type': 'buy' } {'price':
'189000.00000000', 'volume': '0.05642613', 'type': 'buy' } {'price':
'188969.00000000', 'volume': '0.00201000', 'type': 'buy' } {'price':
'188792.00000000', 'volume': '0.00027042', 'type': 'buy' } {'price':
'188500.00000000', 'volume': '0.00265246', 'type': 'buy' } {'price':
'188459.99991234', 'volume': '0.00331635', 'type': 'buy' } {'price':
'188100.00000000', 'volume': '0.00298850', 'type': 'buy' } {'price':
'188000.00000000', 'volume': '0.00142804', 'type': 'buy' } {'price':
'187993.59000000', 'volume': '0.12185544', 'type': 'buy' } {'price':
'187500.00000000', 'volume': '0.02200000', 'type': 'buy' } {'price':
'187395.00000000', 'volume': '0.00053400', 'type': 'buy' } {'price':
'187330.00000000', 'volume': '0.00400000', 'type': 'buy' } {'price':
'187205.00000000', 'volume': '0.00001110', 'type': 'buy' } {'price':
'187152.00000000', 'volume': '0.00003206', 'type': 'buy' } {'price':
'187000.00000000', 'volume': '0.01191251', 'type': 'buy' } {'price':

```

```

'186765.00700024', 'volume': '0.00527066', 'type': 'buy' } {'price':
'186532.00000000', 'volume': '0.01309700', 'type': 'buy' } {'price':
'186500.00000000', 'volume': '0.03186863', 'type': 'buy' } {'price':
'186380.00000000', 'volume': '0.00161000', 'type': 'buy' } {'price':
'186205.00000000', 'volume': '0.00001120', 'type': 'buy' } {'price':
'186007.00000000', 'volume': '0.00861653', 'type': 'buy' } {'price':
'186000.00000000', 'volume': '0.01409431', 'type': 'buy' } {'price':
'185843.50000000', 'volume': '0.00466930', 'type': 'buy' } {'price':
'185790.00000000', 'volume': '0.00026629', 'type': 'buy' } {'price':
'185500.00000000', 'volume': '0.00005894', 'type': 'buy' } {'price':
'185085.85000000', 'volume': '0.00526842', 'type': 'buy' } {'price':
'185008.00000000', 'volume': '0.00011918', 'type': 'buy' } {'price':
'185000.00000000', 'volume': '0.21519019', 'type': 'buy' } {'price':
'184592.00000000', 'volume': '0.00027087', 'type': 'buy' } {'price':
'184500.00000000', 'volume': '0.01003100', 'type': 'buy' } {'price':
'184402.00000000', 'volume': '0.00500000', 'type': 'buy' } {'price':
'184050.00000000', 'volume': '0.00281472', 'type': 'buy' } {'price':
'184001.00000000', 'volume': '0.00030059', 'type': 'buy' } {'price':
'184000.00000000', 'volume': '0.00791874', 'type': 'buy' } {'price':
'183800.00000000', 'volume': '0.01785146', 'type': 'buy' } {'price':
'183752.00000000', 'volume': '0.00020652', 'type': 'buy' } {'price':
'183693.69000000', 'volume': '0.00499897', 'type': 'buy' } {'price':
'183500.00000000', 'volume': '0.14805443', 'type': 'buy' } {'price':
'183408.38000000', 'volume': '0.12490180', 'type': 'buy' } {'price':
'183253.00000000', 'volume': '0.00003274', 'type': 'buy' } {'price':
'183205.00000000', 'volume': '0.00001140', 'type': 'buy' } {'price':
'183186.26000000', 'volume': '0.00006000', 'type': 'buy' } {'price':
'183150.00000000', 'volume': '0.00110000', 'type': 'buy' } {'price':
'183000.00000000', 'volume': '0.02762717', 'type': 'buy' } {'price':
'182689.00000000', 'volume': '0.00027369', 'type': 'buy' } {'price':
'182422.22000000', 'volume': '0.02083249', 'type': 'buy' } {'price':
'182271.01000000', 'volume': '0.00031392', 'type': 'buy' } {'price':
'182100.00000000', 'volume': '0.03300000', 'type': 'buy' } {'price':
'182033.72000000', 'volume': '0.00001000', 'type': 'buy' } {'price':
'182001.11000000', 'volume': '0.00225127', 'type': 'buy' } {'price':
'182000.00000000', 'volume': '0.33783887', 'type': 'buy' } {'price':
'181910.00000000', 'volume': '0.00060000', 'type': 'buy' } {'price':
'181500.00000000', 'volume': '0.00132500', 'type': 'buy' } {'price':
'181234.56000000', 'volume': '0.03340000', 'type': 'buy' } {'price':
'181205.00000000', 'volume': '0.00001200', 'type': 'buy' } {'price':
'181062.90000000', 'volume': '0.01020000', 'type': 'buy' } {'price':
'181033.72000000', 'volume': '0.00001000', 'type': 'buy' } {'price':
'181000.00000000', 'volume': '0.07860749', 'type': 'buy' } {'price':
'180832.22000000', 'volume': '0.00105672', 'type': 'buy' } {'price':
'180543.21000000', 'volume': '0.03500000', 'type': 'buy' } {'price':
'180185.00000000', 'volume': '0.00028041', 'type': 'buy' } {'price':
'180130.00000000', 'volume': '0.11103093', 'type': 'buy' } {'price':
'180115.00000000', 'volume': '0.00015000', 'type': 'buy' } {'price':

```

```

'180100.10000000', 'volume': '0.01103325', 'type': 'buy' } {'price':
'180100.00000000', 'volume': '0.00320932', 'type': 'buy' } {'price':
'180077.77000000', 'volume': '0.00087777', 'type': 'buy' } {'price':
'180070.56999057', 'volume': '0.00014975', 'type': 'buy' } {'price':
'180033.72000000', 'volume': '0.00001000', 'type': 'buy' } {'price':
'180000.01000000', 'volume': '0.00010766', 'type': 'buy' } {'price':
'180000.00000000', 'volume': '0.41574838', 'type': 'buy' } {'price':
'179835.00000000', 'volume': '0.02013562', 'type': 'buy' } {'price':
'179354.00000000', 'volume': '0.00003345', 'type': 'buy' } {'price':
'179231.00000000', 'volume': '0.00278969', 'type': 'buy' } {'price':
'179205.00000000', 'volume': '0.00001210', 'type': 'buy' } {'price':
'179033.72000000', 'volume': '0.00001000', 'type': 'buy' } {'price':
'179008.05000000', 'volume': '0.04288533', 'type': 'buy' } {'price':
'179000.00000000', 'volume': '0.19417346', 'type': 'buy' } {'price':
'178935.01000000', 'volume': '0.12802431', 'type': 'buy' } {'price':
'178920.00000000', 'volume': '0.11178181', 'type': 'buy' } {'price':
'178900.00000000', 'volume': '0.00042850', 'type': 'buy' } {'price':
'178123.45000000', 'volume': '0.03500000', 'type': 'buy' } {'price':
'178100.00000000', 'volume': '0.00076215', 'type': 'buy' } {'price':
'178033.72000000', 'volume': '0.00001000', 'type': 'buy' } {'price':
'178000.00000000', 'volume': '0.33438982', 'type': 'buy' } {'price':
'177700.00000000', 'volume': '0.05100000', 'type': 'buy' } {'price':
'177493.01000000', 'volume': '0.00100000', 'type': 'buy' } {'price':
'177453.00000000', 'volume': '0.00029066', 'type': 'buy' } {'price':
'177377.01000000', 'volume': '0.01127028', 'type': 'buy' } {'price':
'177205.00000000', 'volume': '0.00001220', 'type': 'buy' } {'price':
'177071.01000000', 'volume': '0.01129495', 'type': 'buy' } {'price':
'177033.72000000', 'volume': '0.00001000', 'type': 'buy' } {'price':
'177000.88000000', 'volume': '0.00183987', 'type': 'buy' } {'price':
'177000.00000000', 'volume': '0.02344606', 'type': 'buy' } {'price':
'176810.00000000', 'volume': '0.11311578', 'type': 'buy' } {'price':
'176680.01000000', 'volume': '0.01697990', 'type': 'buy' } {'price':
'176625.00000000', 'volume': '0.00027442', 'type': 'buy' } {'price':
'176500.00000000', 'volume': '0.05890685', 'type': 'buy' } {'price':
'176425.01000000', 'volume': '0.00566818', 'type': 'buy' } {'price':
'176232.00000000', 'volume': '0.00579900', 'type': 'buy' } {'price':
'176037.01000000', 'volume': '0.01136000', 'type': 'buy' } {'price':
'176000.11000000', 'volume': '0.04278628', 'type': 'buy' } {'price':
'176000.00000000', 'volume': '0.04500827', 'type': 'buy' } {'price':
'175951.00000000', 'volume': '0.00360000', 'type': 'buy' } {'price':
'175651.00000000', 'volume': '0.00028175', 'type': 'buy' } {'price':
'175455.00000000', 'volume': '0.00003420', 'type': 'buy' } {'price':
'175306.37734965', 'volume': '0.00032999', 'type': 'buy' } {'price':
'175250.00000000', 'volume': '0.00033534', 'type': 'buy' } {'price':
'175205.00000000', 'volume': '0.00001240', 'type': 'buy' } {'price':
'175175.00000000', 'volume': '0.01560245', 'type': 'buy' } {'price':
'175078.70016202', 'volume': '0.00018614', 'type': 'buy' } {'price':
'175000.00000000', 'volume': '0.55207651', 'type': 'buy' } {'price':

```

```

'174910.34000000', 'volume': '0.00114338', 'type': 'buy' } {'price':
'174600.00000000', 'volume': '0.00628068', 'type': 'buy' } {'price':
'174570.74000000', 'volume': '0.13122489', 'type': 'buy' } {'price':
'174500.00000000', 'volume': '0.00500000', 'type': 'buy' } {'price':
'174102.01000000', 'volume': '0.00574381', 'type': 'buy' } {'price':
'174060.25000000', 'volume': '0.11490000', 'type': 'buy' } {'price':
'174000.00000000', 'volume': '0.00625000', 'type': 'buy' } {'price':
'173970.00000000', 'volume': '0.00435098', 'type': 'buy' } {'price':
'173841.00000000', 'volume': '0.00028762', 'type': 'buy' } {'price':
'173592.00000000', 'volume': '0.00187468', 'type': 'buy' } {'price':
'173397.26000000', 'volume': '0.00060000', 'type': 'buy' } {'price':
'173304.07000000', 'volume': '0.00090000', 'type': 'buy' } {'price':
'173205.00000000', 'volume': '0.00001260', 'type': 'buy' } {'price':
'173033.72000000', 'volume': '0.00001000', 'type': 'buy' } {'price':
'173000.00000000', 'volume': '0.05292966', 'type': 'buy' } {'price':
'172562.80000000', 'volume': '0.00677344', 'type': 'buy' } {'price':
'172500.01000000', 'volume': '0.00579715', 'type': 'buy' } {'price':
'172352.12000000', 'volume': '0.03829369', 'type': 'buy' } {'price':
'172300.00000000', 'volume': '0.00311050', 'type': 'buy' } {'price':
'172222.22220000', 'volume': '0.00444444', 'type': 'buy' } {'price':
'172050.01000000', 'volume': '0.00581230', 'type': 'buy' } {'price':
'172033.72000000', 'volume': '0.00001000', 'type': 'buy' } {'price':
'172001.11000000', 'volume': '0.04934328', 'type': 'buy' } {'price':
'172000.00000000', 'volume': '0.04222377', 'type': 'buy' } {'price':
'171900.01000000', 'volume': '0.00290320', 'type': 'buy' } {'price':
'171820.00000000', 'volume': '0.02800000', 'type': 'buy' } {'price':
'171719.60000000', 'volume': '0.02020000', 'type': 'buy' } {'price':
'171492.59000000', 'volume': '0.00001000', 'type': 'buy' } {'price':
'171205.00000000', 'volume': '0.00001280', 'type': 'buy' } {'price':
'171100.00000000', 'volume': '0.03712513', 'type': 'buy' } {'price':
'171033.72000000', 'volume': '0.00001000', 'type': 'buy' } {'price':
'171000.01000000', 'volume': '0.00120000', 'type': 'buy' } {'price':
'171000.00000000', 'volume': '0.02928772', 'type': 'buy' } {'price':
'170970.01000000', 'volume': '0.00584900', 'type': 'buy' } {'price':
'170890.00000000', 'volume': '0.00029259', 'type': 'buy' } {'price':
'170850.00000000', 'volume': '0.00250000', 'type': 'buy' } {'price':
'170845.00000000', 'volume': '0.00420000', 'type': 'buy' } {'price':
'170501.00000000', 'volume': '0.00586510', 'type': 'buy' } {'price':
'170492.59000000', 'volume': '0.00001000', 'type': 'buy' } {'price':
'170312.91000000', 'volume': '0.13450547', 'type': 'buy' } {'price':
'170270.01000000', 'volume': '0.00587308', 'type': 'buy' } {'price':
'170200.00000000', 'volume': '0.00026674', 'type': 'buy' } {'price':
'170167.00000000', 'volume': '0.00236021', 'type': 'buy' } {'price':
'170100.00000000', 'volume': '0.01500000', 'type': 'buy' } {'price':
'170000.00000000', 'volume': '0.46191689', 'type': 'buy' } {'price':
'169999.00000000', 'volume': '0.00022923', 'type': 'buy' } {'price':
'169800.00000000', 'volume': '0.00295300', 'type': 'buy' } {'price':
'169747.93000000', 'volume': '0.00295025', 'type': 'buy' } {'price':

```

```

'169720.00000000', 'volume': '0.00005900', 'type': 'buy' } {'price':
'169700.50000000', 'volume': '0.00202000', 'type': 'buy' } {'price':
'169581.96000000', 'volume': '0.00066021', 'type': 'buy' } {'price':
'169570.01000000', 'volume': '0.00589730', 'type': 'buy' } {'price':
'169551.00000000', 'volume': '0.00636918', 'type': 'buy' } {'price':
'169500.05000000', 'volume': '0.00050740', 'type': 'buy' } {'price':
'169500.00000000', 'volume': '0.00300000', 'type': 'buy' } {'price':
'169492.59000000', 'volume': '0.00001000', 'type': 'buy' } {'price':
'169311.00000000', 'volume': '0.00029531', 'type': 'buy' } {'price':
'169205.00000000', 'volume': '0.00001310', 'type': 'buy' } {'price':
'169100.00000000', 'volume': '0.00500000', 'type': 'buy' } {'price':
'169033.72000000', 'volume': '0.00001224', 'type': 'buy' } {'price':
'169002.01000000', 'volume': '0.00591714', 'type': 'buy' } {'price':
'169000.00000000', 'volume': '0.05295320', 'type': 'buy' } {'price':
'168633.99000000', 'volume': '0.00316881', 'type': 'buy' } {'price':
'168603.11000000', 'volume': '0.03000000', 'type': 'buy' } {'price':
'168500.00000000', 'volume': '0.00400000', 'type': 'buy' } {'price':
'168492.59000000', 'volume': '0.00001000', 'type': 'buy' } {'price':
'168205.00000000', 'volume': '0.00001320', 'type': 'buy' } {'price':
'168112.50000000', 'volume': '0.00190000', 'type': 'buy' } {'price':
'168100.00000000', 'volume': '0.00383271', 'type': 'buy' } {'price':
'168000.00000000', 'volume': '0.17207570', 'type': 'buy' } {'price':
'167903.11000000', 'volume': '0.03000000', 'type': 'buy' } {'price':
'167575.14000000', 'volume': '0.00566910', 'type': 'buy' } {'price':
'167500.00000000', 'volume': '0.00059710', 'type': 'buy' } {'price':
'167492.59000000', 'volume': '0.00001000', 'type': 'buy' } {'price':
'167205.00000000', 'volume': '0.00001340', 'type': 'buy' } {'price':
'167112.50000000', 'volume': '0.00190000', 'type': 'buy' } {'price':
'167000.00000000', 'volume': '0.00007000', 'type': 'buy' } {'price':
'166901.00000000', 'volume': '0.04000000', 'type': 'buy' } {'price':
'166500.00000000', 'volume': '0.00377774', 'type': 'buy' } {'price':
'166492.59000000', 'volume': '0.00001100', 'type': 'buy' } {'price':
'166331.51000000', 'volume': '0.00355669', 'type': 'buy' } {'price':
'166205.00000000', 'volume': '0.00001360', 'type': 'buy' } {'price':
'166158.94000000', 'volume': '0.13786808', 'type': 'buy' } {'price':
'166112.50000000', 'volume': '0.00190000', 'type': 'buy' } {'price':
'166000.00000000', 'volume': '0.03389590', 'type': 'buy' } {'price':
'165700.00000000', 'volume': '0.00002987', 'type': 'buy' } {'price':
'165492.59000000', 'volume': '0.00001100', 'type': 'buy' } {'price':
'165311.56000000', 'volume': '0.00300000', 'type': 'buy' } {'price':
'165205.00000000', 'volume': '0.00001380', 'type': 'buy' } {'price':
'165112.50000000', 'volume': '0.00190000', 'type': 'buy' } {'price':
'165000.00000000', 'volume': '0.75371587', 'type': 'buy' } {'price':
'164500.00000000', 'volume': '0.00300000', 'type': 'buy' } {'price':
'164492.59000000', 'volume': '0.00001100', 'type': 'buy' } {'price':
'164475.00000000', 'volume': '0.00307025', 'type': 'buy' } {'price':
'164205.00000000', 'volume': '0.00001410', 'type': 'buy' } {'price':
'164112.50000000', 'volume': '0.00190000', 'type': 'buy' } {'price':

```

```

'164000.00000000', 'volume': '0.03842804', 'type': 'buy'} {'price':
'163501.00000000', 'volume': '0.00306515', 'type': 'buy'} {'price':
'163492.59000000', 'volume': '0.00001100', 'type': 'buy'} {'price':
'163333.00000000', 'volume': '0.00030700', 'type': 'buy'} {'price':
'163218.91000000', 'volume': '0.00271433', 'type': 'buy'} {'price':
'163205.00000000', 'volume': '0.00001420', 'type': 'buy'} {'price':
'163200.00000000', 'volume': '0.00079234', 'type': 'buy'} {'price':
'163112.50000000', 'volume': '0.00190000', 'type': 'buy'} {'price':
'163085.20000000', 'volume': '0.00013066', 'type': 'buy'} {'price':
'163000.00000000', 'volume': '0.03070000', 'type': 'buy'} {'price':
'162555.00000000', 'volume': '0.00500000', 'type': 'buy'} {'price':
'162492.59000000', 'volume': '0.00001100', 'type': 'buy'} {'price':
'162360.00000000', 'volume': '0.04000000', 'type': 'buy'} {'price':
'162205.00000000', 'volume': '0.00001430', 'type': 'buy'} {'price':
'162193.96000000', 'volume': '0.00003019', 'type': 'buy'} {'price':
'162172.00000000', 'volume': '0.03500000', 'type': 'buy'} {'price':
'162112.50000000', 'volume': '0.00190000', 'type': 'buy'} {'price':
'162106.28000000', 'volume': '0.14131474', 'type': 'buy'} {'price':
'162000.00000000', 'volume': '0.03083858', 'type': 'buy'} {'price':
'161917.77000000', 'volume': '0.00276893', 'type': 'buy'} {'price':
'161492.59000000', 'volume': '0.00001100', 'type': 'buy'} {'price':
'161233.02000000', 'volume': '0.00031011', 'type': 'buy'} {'price':
'161205.00000000', 'volume': '0.00001440', 'type': 'buy'} {'price':
'161112.50000000', 'volume': '0.00190000', 'type': 'buy'} {'price':
'161000.00000000', 'volume': '0.02000000', 'type': 'buy'} {'price':
'160764.03000000', 'volume': '0.00203671', 'type': 'buy'} {'price':
'160500.00000000', 'volume': '0.03000000', 'type': 'buy'} {'price':
'160492.59000000', 'volume': '0.00001100', 'type': 'buy'} {'price':
'160205.00000000', 'volume': '0.00001450', 'type': 'buy'} {'price':
'160112.50000000', 'volume': '0.00260000', 'type': 'buy'} {'price':
'160000.00000000', 'volume': '1.19338559', 'type': 'buy'} {'price':
'159999.99000000', 'volume': '0.00300000', 'type': 'buy'} {'price':
'159839.44000000', 'volume': '0.00113870', 'type': 'buy'} {'price':
'159492.59000000', 'volume': '0.00001200', 'type': 'buy'} {'price':
'159212.08000000', 'volume': '0.04490000', 'type': 'buy'} {'price':
'159022.41000000', 'volume': '0.00400000', 'type': 'buy'} {'price':
'158900.12000000', 'volume': '0.00022800', 'type': 'buy'} {'price':
'158492.59000000', 'volume': '0.00001210', 'type': 'buy'} {'price':
'158152.47000000', 'volume': '0.14484758', 'type': 'buy'} {'price':
'158112.50000000', 'volume': '0.00260000', 'type': 'buy'} {'price':
'158032.00000000', 'volume': '0.00662049', 'type': 'buy'} {'price':
'158000.03000000', 'volume': '0.00300000', 'type': 'buy'} {'price':
'158000.00000000', 'volume': '0.00193733', 'type': 'buy'} {'price':
'157492.59000000', 'volume': '0.00001220', 'type': 'buy'} {'price':
'157443.71000000', 'volume': '0.00031757', 'type': 'buy'} {'price':
'156999.88000000', 'volume': '0.02547773', 'type': 'buy'} {'price':
'156877.61000000', 'volume': '0.00266666', 'type': 'buy'} {'price':
'156492.59000000', 'volume': '0.00001230', 'type': 'buy'} {'price':

```

```

'156112.50000000', 'volume': '0.00260000', 'type': 'buy' } {'price':
'156105.60000000', 'volume': '0.01403900', 'type': 'buy' } {'price':
'156000.00000000', 'volume': '0.00109576', 'type': 'buy' } {'price':
'155800.00000000', 'volume': '0.00114460', 'type': 'buy' } {'price':
'155601.34000000', 'volume': '0.02879285', 'type': 'buy' } {'price':
'155555.00000000', 'volume': '0.00550000', 'type': 'buy' } {'price':
'155492.59000000', 'volume': '0.00001240', 'type': 'buy' } {'price':
'155400.00000000', 'volume': '0.02315283', 'type': 'buy' } {'price':
'155366.21000000', 'volume': '0.02254839', 'type': 'buy' } {'price':
'155201.00000000', 'volume': '0.00645351', 'type': 'buy' } {'price':
'155000.00000000', 'volume': '0.12274682', 'type': 'buy' } {'price':
'154903.26000000', 'volume': '0.00032278', 'type': 'buy' } {'price':
'154800.00000000', 'volume': '0.18000000', 'type': 'buy' } {'price':
'154492.59000000', 'volume': '0.00001250', 'type': 'buy' } {'price':
'154112.50000000', 'volume': '0.00260000', 'type': 'buy' } {'price':
'154000.00000000', 'volume': '0.00033798', 'type': 'buy' } {'price':
'153859.65000000', 'volume': '0.00005206', 'type': 'buy' } {'price':
'153492.59000000', 'volume': '0.00001260', 'type': 'buy' } {'price':
'153423.00000000', 'volume': '0.00106704', 'type': 'buy' } {'price':
'153300.00000000', 'volume': '0.00101312', 'type': 'buy' } {'price':
'153100.00000000', 'volume': '0.00653200', 'type': 'buy' } {'price':
'152857.29000000', 'volume': '0.00032710', 'type': 'buy' } {'price':
'152725.50000000', 'volume': '0.00485323', 'type': 'buy' } {'price':
'152536.85000000', 'volume': '0.01356526', 'type': 'buy' } {'price':
'152497.03000000', 'volume': '0.02769200', 'type': 'buy' } {'price':
'152492.59000000', 'volume': '0.00001270', 'type': 'buy' } {'price':
'152350.00000000', 'volume': '0.10000000', 'type': 'buy' } {'price':
'152243.15000000', 'volume': '0.00032842', 'type': 'buy' } {'price':
'152120.00000000', 'volume': '0.00132040', 'type': 'buy' } {'price':
'152112.50000000', 'volume': '0.00260000', 'type': 'buy' } {'price':
'152000.00000000', 'volume': '0.04324111', 'type': 'buy' } {'price':
'151777.77000000', 'volume': '0.01500000', 'type': 'buy' } {'price':
'151500.00000000', 'volume': '0.10198019', 'type': 'buy' } {'price':
'151492.59000000', 'volume': '0.00001280', 'type': 'buy' } {'price':
'151345.00000000', 'volume': '0.00140000', 'type': 'buy' } {'price':
'151292.53000000', 'volume': '0.00033048', 'type': 'buy' } {'price':
'151165.37000000', 'volume': '0.00001323', 'type': 'buy' } {'price':
'151123.00000000', 'volume': '0.00343759', 'type': 'buy' } {'price':
'151112.50000000', 'volume': '0.00260000', 'type': 'buy' } {'price':
'151000.00000000', 'volume': '0.01842397', 'type': 'buy' } {'price':
'150800.00000000', 'volume': '0.06496744', 'type': 'buy' } {'price':
'150492.59000000', 'volume': '0.00001290', 'type': 'buy' } {'price':
'150467.90000000', 'volume': '0.00147704', 'type': 'buy' } {'price':
'150112.50000000', 'volume': '0.00260000', 'type': 'buy' } {'price':
'150001.00000000', 'volume': '0.00255000', 'type': 'buy' } {'price':
'150000.06000000', 'volume': '0.00145093', 'type': 'buy' } {'price':
'150000.00000000', 'volume': '0.71309679', 'type': 'buy' } {'price':
'149999.99000000', 'volume': '0.00400000', 'type': 'buy' } {'price':

```


'149909.99000000', 'volume': '0.02120699', 'type': 'buy' } {'price':
 '149492.59000000', 'volume': '0.00002281', 'type': 'buy' } {'price':
 '148232.00000000', 'volume': '0.01438798', 'type': 'buy' } {'price':
 '148112.50000000', 'volume': '0.00260000', 'type': 'buy' } {'price':
 '148100.00000000', 'volume': '0.00102406', 'type': 'buy' } {'price':
 '148001.00000000', 'volume': '0.00049087', 'type': 'buy' } {'price':
 '148000.00000000', 'volume': '0.10817308', 'type': 'buy' } {'price':
 '147722.76000000', 'volume': '0.02487100', 'type': 'buy' } {'price':
 '147205.00000000', 'volume': '0.00015000', 'type': 'buy' } {'price':
 '147000.00000000', 'volume': '0.00613245', 'type': 'buy' } {'price':
 '146112.50000000', 'volume': '0.00260000', 'type': 'buy' } {'price':
 '146000.00000000', 'volume': '0.00231764', 'type': 'buy' } {'price':
 '145954.22868088', 'volume': '0.00672642', 'type': 'buy' } {'price':
 '145725.99000000', 'volume': '0.00386231', 'type': 'buy' } {'price':
 '145501.00000000', 'volume': '0.00343934', 'type': 'buy' } {'price':
 '145500.00000000', 'volume': '0.00141213', 'type': 'buy' } {'price':
 '145200.00000000', 'volume': '0.00345000', 'type': 'buy' } {'price':
 '145152.10000000', 'volume': '0.00022985', 'type': 'buy' } {'price':
 '145030.00000000', 'volume': '0.01000000', 'type': 'buy' } {'price':
 '145003.33000000', 'volume': '0.01003333', 'type': 'buy' } {'price':
 '145000.01000000', 'volume': '0.00394565', 'type': 'buy' } {'price':
 '145000.00000000', 'volume': '0.06834397', 'type': 'buy' } {'price':
 '144398.00000000', 'volume': '0.00410217', 'type': 'buy' } {'price':
 '144300.00000000', 'volume': '0.00015460', 'type': 'buy' } {'price':
 '144151.11000000', 'volume': '0.00011000', 'type': 'buy' } {'price':
 '144112.50000000', 'volume': '0.00260000', 'type': 'buy' } {'price':
 '144000.00000000', 'volume': '0.00501112', 'type': 'buy' } {'price':
 '143500.00000000', 'volume': '0.02375491', 'type': 'buy' } {'price':
 '143158.53000000', 'volume': '0.01887600', 'type': 'buy' } {'price':
 '143053.86000000', 'volume': '0.01890200', 'type': 'buy' } {'price':
 '143000.00000000', 'volume': '0.00281120', 'type': 'buy' } {'price':
 '142905.52000000', 'volume': '0.01867749', 'type': 'buy' } {'price':
 '142900.00000000', 'volume': '0.00102856', 'type': 'buy' } {'price':
 '142150.00000000', 'volume': '0.00576721', 'type': 'buy' } {'price':
 '142112.50000000', 'volume': '0.00260000', 'type': 'buy' } {'price':
 '142069.21000000', 'volume': '0.01556000', 'type': 'buy' } {'price':
 '142000.00000000', 'volume': '0.00538570', 'type': 'buy' } {'price':
 '141771.13000000', 'volume': '0.00040339', 'type': 'buy' } {'price':
 '141500.00000000', 'volume': '0.00311074', 'type': 'buy' } {'price':
 '141300.00000000', 'volume': '0.15000000', 'type': 'buy' } {'price':
 '141112.50000000', 'volume': '0.00260000', 'type': 'buy' } {'price':
 '141000.00000000', 'volume': '0.00011806', 'type': 'buy' } {'price':
 '140900.00000000', 'volume': '0.00702036', 'type': 'buy' } {'price':
 '140867.47000000', 'volume': '0.00070995', 'type': 'buy' } {'price':
 '140800.00000000', 'volume': '0.00071022', 'type': 'buy' } {'price':
 '140799.99000000', 'volume': '0.06430874', 'type': 'buy' } {'price':
 '140555.00000000', 'volume': '0.00570000', 'type': 'buy' } {'price':
 '140500.00000000', 'volume': '0.00900000', 'type': 'buy' } {'price':

```

'140300.00000000', 'volume': '0.01036871', 'type': 'buy' } {'price':
'140112.50000000', 'volume': '0.00260000', 'type': 'buy' } {'price':
'140100.00000000', 'volume': '0.04053411', 'type': 'buy' } {'price':
'140000.01000000', 'volume': '0.00400000', 'type': 'buy' } {'price':
'140000.00000000', 'volume': '0.16808515', 'type': 'buy' } {'price':
'139501.08800000', 'volume': '0.00730187', 'type': 'buy' } {'price':
'139344.94000000', 'volume': '0.00596112', 'type': 'buy' } {'price':
'139001.02200000', 'volume': '0.00310432', 'type': 'buy' } {'price':
'139000.00000000', 'volume': '0.00084388', 'type': 'buy' } {'price':
'138500.00000000', 'volume': '0.00421835', 'type': 'buy' } {'price':
'138112.50000000', 'volume': '0.00250000', 'type': 'buy' } {'price':
'138000.00000000', 'volume': '0.03206789', 'type': 'buy' } {'price':
'137700.00000000', 'volume': '0.00102980', 'type': 'buy' } {'price':
'137500.00000000', 'volume': '0.00295221', 'type': 'buy' } {'price':
'137450.00000000', 'volume': '0.00001586', 'type': 'buy' } {'price':
'137000.00000000', 'volume': '0.00380586', 'type': 'buy' } {'price':
'136900.00000000', 'volume': '0.01500000', 'type': 'buy' } {'price':
'136782.45000000', 'volume': '0.00037014', 'type': 'buy' } {'price':
'136640.00000000', 'volume': '0.00036590', 'type': 'buy' } {'price':
'136112.50000000', 'volume': '0.00280000', 'type': 'buy' } {'price':
'136000.00000000', 'volume': '0.04882463', 'type': 'buy' } {'price':
'135470.00000000', 'volume': '0.10000000', 'type': 'buy' } {'price':
'135451.15000000', 'volume': '0.00079300', 'type': 'buy' } {'price':
'135160.65000000', 'volume': '0.00010000', 'type': 'buy' } {'price':
'135155.00000000', 'volume': '0.01266561', 'type': 'buy' } {'price':
'135100.00000000', 'volume': '0.00204154', 'type': 'buy' } {'price':
'135000.01000000', 'volume': '0.00257629', 'type': 'buy' } {'price':
'135000.00000000', 'volume': '0.39147918', 'type': 'buy' } {'price':
'134333.33330000', 'volume': '0.00444444', 'type': 'buy' } {'price':
'134112.50000000', 'volume': '0.00280000', 'type': 'buy' } {'price':
'134000.00000000', 'volume': '0.00611200', 'type': 'buy' } {'price':
'133734.04482887', 'volume': '0.00822528', 'type': 'buy' } {'price':
'133333.33000000', 'volume': '0.00007177', 'type': 'buy' } {'price':
'133245.58000000', 'volume': '0.00176050', 'type': 'buy' } {'price':
'133016.56000000', 'volume': '0.00375953', 'type': 'buy' } {'price':
'133000.00000000', 'volume': '0.00292593', 'type': 'buy' } {'price':
'132849.24000000', 'volume': '0.00072819', 'type': 'buy' } {'price':
'132500.00000000', 'volume': '0.00103020', 'type': 'buy' } {'price':
'132222.22220000', 'volume': '0.00800000', 'type': 'buy' } {'price':
'132194.00000000', 'volume': '0.02129950', 'type': 'buy' } {'price':
'132112.50000000', 'volume': '0.00280000', 'type': 'buy' } {'price':
'132000.00000000', 'volume': '0.00727784', 'type': 'buy' } {'price':
'131332.07553703', 'volume': '0.00010624', 'type': 'buy' } {'price':
'131250.00000000', 'volume': '0.00964860', 'type': 'buy' } {'price':
'131112.50000000', 'volume': '0.00280000', 'type': 'buy' } {'price':
'131033.33000000', 'volume': '0.00207346', 'type': 'buy' } {'price':
'131000.00000000', 'volume': '0.00244528', 'type': 'buy' } {'price':
'130860.00000000', 'volume': '0.00020000', 'type': 'buy' } {'price':

```

```

'130483.97000000', 'volume': '0.00586079', 'type': 'buy' } {'price':
'130222.22220000', 'volume': '0.00800000', 'type': 'buy' } {'price':
'130114.00000000', 'volume': '0.01483715', 'type': 'buy' } {'price':
'130112.50000000', 'volume': '0.00280000', 'type': 'buy' } {'price':
'130030.00000000', 'volume': '0.00057878', 'type': 'buy' } {'price':
'130000.01000000', 'volume': '0.01200000', 'type': 'buy' } {'price':
'130000.00000000', 'volume': '0.88008287', 'type': 'buy' } {'price':
'129999.99000000', 'volume': '0.03359999', 'type': 'buy' } {'price':
'129900.00000000', 'volume': '0.00104150', 'type': 'buy' } {'price':
'129500.00000000', 'volume': '0.00700000', 'type': 'buy' } {'price':
'129320.00000000', 'volume': '0.02150162', 'type': 'buy' } {'price':
'129291.65000000', 'volume': '0.00600000', 'type': 'buy' } {'price':
'129111.11000000', 'volume': '0.00440000', 'type': 'buy' } {'price':
'129000.00000000', 'volume': '0.00249216', 'type': 'buy' } {'price':
'128862.12000000', 'volume': '0.00001063', 'type': 'buy' } {'price':
'128222.22220000', 'volume': '0.00800000', 'type': 'buy' } {'price':
'128205.00000000', 'volume': '0.01410000', 'type': 'buy' } {'price':
'128125.00000000', 'volume': '0.00340000', 'type': 'buy' } {'price':
'128124.37000000', 'volume': '0.00039024', 'type': 'buy' } {'price':
'128112.50000000', 'volume': '0.00280000', 'type': 'buy' } {'price':
'128079.78000000', 'volume': '0.00008682', 'type': 'buy' } {'price':
'128000.00000000', 'volume': '0.01853288', 'type': 'buy' } {'price':
'127500.00000000', 'volume': '0.00117640', 'type': 'buy' } {'price':
'127300.00000000', 'volume': '0.00103214', 'type': 'buy' } {'price':
'127249.28000000', 'volume': '0.00078585', 'type': 'buy' } {'price':
'127000.00000000', 'volume': '0.05493059', 'type': 'buy' } {'price':
'126818.30000000', 'volume': '0.00039426', 'type': 'buy' } {'price':
'126800.00000000', 'volume': '0.00108588', 'type': 'buy' } {'price':
'126200.00000000', 'volume': '0.00500000', 'type': 'buy' } {'price':
'126112.50000000', 'volume': '0.00280000', 'type': 'buy' } {'price':
'126100.00000000', 'volume': '0.07930215', 'type': 'buy' } {'price':
'126038.70000000', 'volume': '0.00500000', 'type': 'buy' } {'price':
'126000.00000000', 'volume': '0.00011910', 'type': 'buy' } {'price':
'125515.00000000', 'volume': '0.00235100', 'type': 'buy' } {'price':
'125500.00000000', 'volume': '0.00359231', 'type': 'buy' } {'price':
'125425.00000000', 'volume': '0.04106462', 'type': 'buy' } {'price':
'125368.09000000', 'volume': '0.00002369', 'type': 'buy' } {'price':
'125100.00000000', 'volume': '0.00079936', 'type': 'buy' } {'price':
'125012.30000000', 'volume': '0.07900000', 'type': 'buy' } {'price':
'125000.07000000', 'volume': '0.00400000', 'type': 'buy' } {'price':
'125000.01000000', 'volume': '0.00500000', 'type': 'buy' } {'price':
'125000.00000000', 'volume': '0.14938728', 'type': 'buy' } {'price':
'124999.99000000', 'volume': '0.00059000', 'type': 'buy' } {'price':
'124800.00000000', 'volume': '0.00541634', 'type': 'buy' } {'price':
'124700.00000000', 'volume': '0.00106272', 'type': 'buy' } {'price':
'124580.90000000', 'volume': '0.00217633', 'type': 'buy' } {'price':
'124505.00000000', 'volume': '0.00500000', 'type': 'buy' } {'price':
'124500.00000000', 'volume': '0.00240963', 'type': 'buy' } {'price':

```

```

'124428.00000000', 'volume': '0.00055500', 'type': 'buy' } {'price':
'124243.99700000', 'volume': '0.00281990', 'type': 'buy' } {'price':
'124200.00000000', 'volume': '0.04688880', 'type': 'buy' } {'price':
'124124.00000000', 'volume': '0.00008064', 'type': 'buy' } {'price':
'124112.50000000', 'volume': '0.00280000', 'type': 'buy' } {'price':
'124080.00000000', 'volume': '1.21330601', 'type': 'buy' } {'price':
'124000.00000000', 'volume': '0.01525801', 'type': 'buy' } {'price':
'123900.00000000', 'volume': '0.12280233', 'type': 'buy' } {'price':
'123799.00000000', 'volume': '0.00130413', 'type': 'buy' } {'price':
'123555.55000000', 'volume': '0.00096448', 'type': 'buy' } {'price':
'123532.18000000', 'volume': '0.00260000', 'type': 'buy' } {'price':
'123465.90000000', 'volume': '0.00090000', 'type': 'buy' } {'price':
'123356.87000000', 'volume': '0.00011632', 'type': 'buy' } {'price':
'123000.00000000', 'volume': '0.02266047', 'type': 'buy' } {'price':
'122899.00000000', 'volume': '0.00090000', 'type': 'buy' } {'price':
'122812.00000000', 'volume': '0.27802315', 'type': 'buy' } {'price':
'122550.00000000', 'volume': '0.00293684', 'type': 'buy' } {'price':
'122501.11000000', 'volume': '0.00303548', 'type': 'buy' } {'price':
'122500.00000000', 'volume': '0.00195118', 'type': 'buy' } {'price':
'122397.00000000', 'volume': '0.00300000', 'type': 'buy' } {'price':
'122353.45000000', 'volume': '0.00049692', 'type': 'buy' } {'price':
'122112.50000000', 'volume': '0.00320000', 'type': 'buy' } {'price':
'122100.00000000', 'volume': '0.00362109', 'type': 'buy' } {'price':
'122043.00000000', 'volume': '0.01008000', 'type': 'buy' } {'price':
'122030.00000000', 'volume': '0.00081947', 'type': 'buy' } {'price':
'122000.00000000', 'volume': '0.01023514', 'type': 'buy' } {'price':
'121800.00000000', 'volume': '0.21009149', 'type': 'buy' } {'price':
'121454.09000000', 'volume': '0.00400000', 'type': 'buy' } {'price':
'121450.00000000', 'volume': '0.00041612', 'type': 'buy' } {'price':
'121112.50000000', 'volume': '0.00320000', 'type': 'buy' } {'price':
'121100.00000000', 'volume': '0.00110000', 'type': 'buy' } {'price':
'121037.00000000', 'volume': '0.00010000', 'type': 'buy' } {'price':
'121000.00000000', 'volume': '0.00279695', 'type': 'buy' } {'price':
'120681.11000000', 'volume': '0.00121406', 'type': 'buy' } {'price':
'120500.00000000', 'volume': '0.00264918', 'type': 'buy' } {'price':
'120400.01000000', 'volume': '0.00193626', 'type': 'buy' } {'price':
'120240.40000000', 'volume': '0.00164478', 'type': 'buy' } {'price':
'120120.00000000', 'volume': '0.01080000', 'type': 'buy' } {'price':
'120112.50000000', 'volume': '0.00320000', 'type': 'buy' } {'price':
'120054.07900000', 'volume': '0.00291990', 'type': 'buy' } {'price':
'120000.01000000', 'volume': '0.00540000', 'type': 'buy' } {'price':
'120000.00000000', 'volume': '0.17804420', 'type': 'buy' } {'price':
'119999.99000000', 'volume': '0.00800000', 'type': 'buy' } {'price':
'119853.12540000', 'volume': '0.00012459', 'type': 'buy' } {'price':
'119525.13000000', 'volume': '0.00429800', 'type': 'buy' } {'price':
'119500.00000000', 'volume': '0.00005000', 'type': 'buy' } {'price':
'119112.50000000', 'volume': '0.00320000', 'type': 'buy' } {'price':
'119058.00000000', 'volume': '0.10000000', 'type': 'buy' } {'price':

```

```

'119030.00000000', 'volume': '0.00054000', 'type': 'buy' } {'price':
'119000.00000000', 'volume': '0.00000970', 'type': 'buy' } {'price':
'118551.00000000', 'volume': '0.00529856', 'type': 'buy' } {'price':
'118200.00000000', 'volume': '0.00065076', 'type': 'buy' } {'price':
'118112.50000000', 'volume': '0.00320000', 'type': 'buy' } {'price':
'118000.00000000', 'volume': '0.00000990', 'type': 'buy' } {'price':
'117931.32000000', 'volume': '0.00080000', 'type': 'buy' } {'price':
'117726.17000000', 'volume': '0.01259821', 'type': 'buy' } {'price':
'117687.33000000', 'volume': '0.00118398', 'type': 'buy' } {'price':
'117233.23000000', 'volume': '0.00489332', 'type': 'buy' } {'price':
'117112.50000000', 'volume': '0.00320000', 'type': 'buy' } {'price':
'117106.00000000', 'volume': '0.00213489', 'type': 'buy' } {'price':
'117030.00000000', 'volume': '0.00053584', 'type': 'buy' } {'price':
'117000.00000000', 'volume': '0.00575898', 'type': 'buy' } {'price':
'116900.00000000', 'volume': '0.00102618', 'type': 'buy' } {'price':
'116112.50000000', 'volume': '0.00320000', 'type': 'buy' } {'price':
'116000.00000000', 'volume': '0.00101030', 'type': 'buy' } {'price':
'115800.00000000', 'volume': '0.00001111', 'type': 'buy' } {'price':
'115500.00000000', 'volume': '0.00004233', 'type': 'buy' } {'price':
'115230.00000000', 'volume': '0.24000000', 'type': 'buy' } {'price':
'115112.50000000', 'volume': '0.00320000', 'type': 'buy' } {'price':
'115030.00000000', 'volume': '0.00050000', 'type': 'buy' } {'price':
'115010.00000000', 'volume': '0.00770000', 'type': 'buy' } {'price':
'115005.11000000', 'volume': '0.00212121', 'type': 'buy' } {'price':
'115000.08000000', 'volume': '0.00001050', 'type': 'buy' } {'price':
'115000.01000000', 'volume': '0.00043034', 'type': 'buy' } {'price':
'115000.00000000', 'volume': '0.16245925', 'type': 'buy' } {'price':
'114310.00135000', 'volume': '0.00130000', 'type': 'buy' } {'price':
'114112.50000000', 'volume': '0.00320000', 'type': 'buy' } {'price':
'114000.00000000', 'volume': '0.00531264', 'type': 'buy' } {'price':
'113769.00000000', 'volume': '0.00010000', 'type': 'buy' } {'price':
'113112.50000000', 'volume': '0.00320000', 'type': 'buy' } {'price':
'113030.00000000', 'volume': '0.00050500', 'type': 'buy' } {'price':
'113000.88000000', 'volume': '0.00001000', 'type': 'buy' } {'price':
'113000.00000000', 'volume': '0.01035542', 'type': 'buy' } {'price':
'112500.00000000', 'volume': '0.00450000', 'type': 'buy' } {'price':
'112005.00000000', 'volume': '0.00500000', 'type': 'buy' } {'price':
'112000.00000000', 'volume': '0.01891130', 'type': 'buy' } {'price':
'111996.00000000', 'volume': '0.00685020', 'type': 'buy' } {'price':
'111700.00000000', 'volume': '0.00102794', 'type': 'buy' } {'price':
'111600.00000000', 'volume': '0.00001000', 'type': 'buy' } {'price':
'111030.00000000', 'volume': '0.00056011', 'type': 'buy' } {'price':
'111000.00000000', 'volume': '0.00001160', 'type': 'buy' } {'price':
'110000.00000000', 'volume': '0.08821923', 'type': 'buy' } {'price':
'109999.99000000', 'volume': '0.01021418', 'type': 'buy' } {'price':
'109832.81000000', 'volume': '0.00070000', 'type': 'buy' } {'price':
'109000.00000000', 'volume': '0.00895034', 'type': 'buy' } {'price':
'108000.00000000', 'volume': '0.00001220', 'type': 'buy' } {'price':

```

```

'107850.00000000', 'volume': '0.00400000', 'type': 'buy'} {'price':
'107000.00000000', 'volume': '0.00122865', 'type': 'buy'} {'price':
'106500.00000000', 'volume': '0.00102950', 'type': 'buy'} {'price':
'106000.00000000', 'volume': '0.00934909', 'type': 'buy'} {'price':
'105000.00000000', 'volume': '0.19819364', 'type': 'buy'} {'price':
'104300.00000000', 'volume': '0.00001000', 'type': 'buy'} {'price':
'104000.00000000', 'volume': '0.00001265', 'type': 'buy'} {'price':
'103444.44000000', 'volume': '0.00004388', 'type': 'buy'} {'price':
'103000.00000000', 'volume': '0.03992732', 'type': 'buy'} {'price':
'102980.00000000', 'volume': '0.30000000', 'type': 'buy'} {'price':
'102512.00000000', 'volume': '0.00217525', 'type': 'buy'} {'price':
'102000.00000000', 'volume': '0.00029245', 'type': 'buy'} {'price':
'101000.00000000', 'volume': '0.00240611', 'type': 'buy'} {'price':
'100190.22000000', 'volume': '0.03498804', 'type': 'buy'} {'price':
'100095.00000000', 'volume': '0.00950000', 'type': 'buy'} {'price':
'100000.00000000', 'volume': '0.57785089', 'type': 'buy'} {'price':
'99000.00000000', 'volume': '0.03302473', 'type': 'buy'} {'price':
'98991.00230000', 'volume': '0.00261538', 'type': 'buy'} {'price':
'98560.00000000', 'volume': '0.00300000', 'type': 'buy'} {'price':
'98556.53000000', 'volume': '0.00101464', 'type': 'buy'} {'price':
'98149.00000000', 'volume': '0.00300000', 'type': 'buy'} {'price':
'98000.00000000', 'volume': '0.00511000', 'type': 'buy'} {'price':
'97000.00000000', 'volume': '0.00002381', 'type': 'buy'} {'price':
'96500.00000000', 'volume': '0.01050000', 'type': 'buy'} {'price':
'96000.00000000', 'volume': '0.05072000', 'type': 'buy'} {'price':
'95600.00000000', 'volume': '0.00950000', 'type': 'buy'} {'price':
'95300.00000000', 'volume': '0.00120409', 'type': 'buy'} {'price':
'95126.17000000', 'volume': '0.00031989', 'type': 'buy'} {'price':
'95000.00000000', 'volume': '0.00034484', 'type': 'buy'} {'price':
'94550.00000000', 'volume': '0.00705000', 'type': 'buy'} {'price':
'93878.00000000', 'volume': '0.00847200', 'type': 'buy'} {'price':
'93000.00000000', 'volume': '0.00099999', 'type': 'buy'} {'price':
'92000.00000000', 'volume': '0.00008700', 'type': 'buy'} {'price':
'91000.00000000', 'volume': '0.00099999', 'type': 'buy'} {'price':
'90900.00000000', 'volume': '0.06507755', 'type': 'buy'} {'price':
'90800.43000000', 'volume': '0.00700000', 'type': 'buy'} {'price':
'90000.00000000', 'volume': '0.13969399', 'type': 'buy'} {'price':
'89990.00000000', 'volume': '0.00066674', 'type': 'buy'} {'price':
'89201.73000000', 'volume': '0.00124212', 'type': 'buy'} {'price':
'89000.00000000', 'volume': '0.03489650', 'type': 'buy'} {'price':
'88990.00000000', 'volume': '0.00168560', 'type': 'buy'} {'price':
'88000.00000000', 'volume': '0.01999850', 'type': 'buy'} {'price':
'87750.00000000', 'volume': '0.00057000', 'type': 'buy'} {'price':
'87587.57000000', 'volume': '0.00017331', 'type': 'buy'} {'price':
'87500.00000000', 'volume': '0.04470975', 'type': 'buy'} {'price':
'86760.00000000', 'volume': '0.00289000', 'type': 'buy'} {'price':
'86590.17000000', 'volume': '0.00123564', 'type': 'buy'} {'price':
'86200.00000000', 'volume': '0.00023100', 'type': 'buy'} {'price':

```

'86100.00000000', 'volume': '0.03000000', 'type': 'buy' } {'price':
 '86000.00000000', 'volume': '0.04360755', 'type': 'buy' } {'price':
 '85751.99000000', 'volume': '0.00583076', 'type': 'buy' } {'price':
 '85687.38229755', 'volume': '0.00011682', 'type': 'buy' } {'price':
 '85600.00000000', 'volume': '0.00024848', 'type': 'buy' } {'price':
 '85516.39000000', 'volume': '0.00150000', 'type': 'buy' } {'price':
 '85085.85000000', 'volume': '0.00013739', 'type': 'buy' } {'price':
 '85000.00000000', 'volume': '0.05599217', 'type': 'buy' } {'price':
 '84500.00000000', 'volume': '0.40000000', 'type': 'buy' } {'price':
 '84000.00000000', 'volume': '0.00933186', 'type': 'buy' } {'price':
 '83979.62000000', 'volume': '0.00012288', 'type': 'buy' } {'price':
 '83300.00000000', 'volume': '0.01500000', 'type': 'buy' } {'price':
 '83000.00000000', 'volume': '0.00021855', 'type': 'buy' } {'price':
 '82550.00000000', 'volume': '0.00013000', 'type': 'buy' } {'price':
 '82250.00000000', 'volume': '0.00152243', 'type': 'buy' } {'price':
 '82200.00000000', 'volume': '0.01500000', 'type': 'buy' } {'price':
 '82188.00000000', 'volume': '0.00637355', 'type': 'buy' } {'price':
 '82100.00000000', 'volume': '0.01500000', 'type': 'buy' } {'price':
 '82089.80000000', 'volume': '0.04255030', 'type': 'buy' } {'price':
 '82000.00000000', 'volume': '0.14853987', 'type': 'buy' } {'price':
 '81900.00000000', 'volume': '0.01500000', 'type': 'buy' } {'price':
 '81500.00000000', 'volume': '0.00164245', 'type': 'buy' } {'price':
 '81200.00000000', 'volume': '0.12310000', 'type': 'buy' } {'price':
 '81100.00000000', 'volume': '0.00500000', 'type': 'buy' } {'price':
 '81000.00000000', 'volume': '0.00127901', 'type': 'buy' } {'price':
 '80777.77000000', 'volume': '0.00057771', 'type': 'buy' } {'price':
 '80222.00000000', 'volume': '0.00300000', 'type': 'buy' } {'price':
 '80150.00000000', 'volume': '0.40409020', 'type': 'buy' } {'price':
 '80000.10000000', 'volume': '0.00874998', 'type': 'buy' } {'price':
 '80000.00000000', 'volume': '0.15018794', 'type': 'buy' } {'price':
 '79500.00000000', 'volume': '0.01155534', 'type': 'buy' } {'price':
 '78500.00000000', 'volume': '0.00763363', 'type': 'buy' } {'price':
 '77000.00000000', 'volume': '0.12992571', 'type': 'buy' } {'price':
 '76582.01000000', 'volume': '0.00128385', 'type': 'buy' } {'price':
 '76200.00000000', 'volume': '0.00074304', 'type': 'buy' } {'price':
 '76100.00000000', 'volume': '0.00262812', 'type': 'buy' } {'price':
 '76000.00000000', 'volume': '0.00065800', 'type': 'buy' } {'price':
 '75760.00000000', 'volume': '0.00659979', 'type': 'buy' } {'price':
 '75000.00000000', 'volume': '0.11850082', 'type': 'buy' } {'price':
 '74000.00000000', 'volume': '0.00143364', 'type': 'buy' } {'price':
 '73805.00000000', 'volume': '0.05751520', 'type': 'buy' } {'price':
 '73500.13000000', 'volume': '0.00236194', 'type': 'buy' } {'price':
 '73000.00000000', 'volume': '0.01370000', 'type': 'buy' } {'price':
 '72001.00000000', 'volume': '0.00194000', 'type': 'buy' } {'price':
 '72000.00000000', 'volume': '0.00138900', 'type': 'buy' } {'price':
 '71546.23000000', 'volume': '0.00279540', 'type': 'buy' } {'price':
 '71402.00000000', 'volume': '0.00002222', 'type': 'buy' } {'price':
 '71200.00000000', 'volume': '0.00071630', 'type': 'buy' } {'price':

'71000.00000000', 'volume': '0.09521126', 'type': 'buy' } {'price':
 '70065.98000000', 'volume': '0.00090000', 'type': 'buy' } {'price':
 '70011.00000000', 'volume': '0.00071417', 'type': 'buy' } {'price':
 '70000.00000000', 'volume': '0.28892908', 'type': 'buy' } {'price':
 '69100.00000000', 'volume': '0.00150000', 'type': 'buy' } {'price':
 '69000.00000000', 'volume': '0.01555941', 'type': 'buy' } {'price':
 '68900.00000000', 'volume': '0.01573613', 'type': 'buy' } {'price':
 '68862.21000000', 'volume': '0.00200000', 'type': 'buy' } {'price':
 '68542.23000000', 'volume': '0.00144130', 'type': 'buy' } {'price':
 '68500.00000000', 'volume': '0.00002222', 'type': 'buy' } {'price':
 '67250.00000000', 'volume': '0.00350000', 'type': 'buy' } {'price':
 '67000.00000000', 'volume': '0.00002222', 'type': 'buy' } {'price':
 '66500.00000000', 'volume': '0.00050000', 'type': 'buy' } {'price':
 '65500.00000000', 'volume': '0.00210550', 'type': 'buy' } {'price':
 '65400.00000000', 'volume': '0.00010381', 'type': 'buy' } {'price':
 '65200.00000000', 'volume': '0.00010000', 'type': 'buy' } {'price':
 '65001.51000000', 'volume': '0.00119151', 'type': 'buy' } {'price':
 '65000.00000000', 'volume': '0.01304759', 'type': 'buy' } {'price':
 '64620.67000000', 'volume': '0.00159193', 'type': 'buy' } {'price':
 '64000.00000000', 'volume': '0.04630303', 'type': 'buy' } {'price':
 '63499.58000000', 'volume': '0.01163991', 'type': 'buy' } {'price':
 '63100.00000000', 'volume': '0.02240000', 'type': 'buy' } {'price':
 '63050.00000000', 'volume': '0.00002222', 'type': 'buy' } {'price':
 '63000.00000000', 'volume': '0.00153936', 'type': 'buy' } {'price':
 '62192.48000000', 'volume': '0.00008888', 'type': 'buy' } {'price':
 '62000.00000000', 'volume': '0.00123387', 'type': 'buy' } {'price':
 '60500.00000000', 'volume': '0.00112222', 'type': 'buy' } {'price':
 '60367.22000000', 'volume': '0.00035499', 'type': 'buy' } {'price':
 '60250.28000000', 'volume': '0.00002222', 'type': 'buy' } {'price':
 '60000.00000000', 'volume': '0.17663565', 'type': 'buy' } {'price':
 '59000.00000000', 'volume': '0.07551168', 'type': 'buy' } {'price':
 '58000.00000000', 'volume': '0.01769486', 'type': 'buy' } {'price':
 '57800.00000000', 'volume': '0.00240000', 'type': 'buy' } {'price':
 '57666.66000000', 'volume': '0.00141450', 'type': 'buy' } {'price':
 '57000.00000000', 'volume': '0.22511947', 'type': 'buy' } {'price':
 '56000.00000000', 'volume': '0.00364107', 'type': 'buy' } {'price':
 '55000.00000000', 'volume': '0.00314508', 'type': 'buy' } {'price':
 '54790.00000000', 'volume': '0.00254699', 'type': 'buy' } {'price':
 '54700.00000000', 'volume': '0.11550000', 'type': 'buy' } {'price':
 '54000.00000000', 'volume': '0.11392796', 'type': 'buy' } {'price':
 '53900.00000000', 'volume': '0.00371070', 'type': 'buy' } {'price':
 '53800.00000000', 'volume': '0.00200000', 'type': 'buy' } {'price':
 '53600.00000000', 'volume': '0.00537108', 'type': 'buy' } {'price':
 '52000.00000000', 'volume': '0.00447462', 'type': 'buy' } {'price':
 '51500.00000000', 'volume': '0.00600000', 'type': 'buy' } {'price':
 '51213.00000000', 'volume': '0.00827524', 'type': 'buy' } {'price':
 '51000.00000000', 'volume': '0.00141882', 'type': 'buy' } {'price':
 '50759.00000000', 'volume': '0.02695793', 'type': 'buy' } {'price':

'50700.00000000', 'volume': '0.00140289', 'type': 'buy' } {'price':
 '50000.00000000', 'volume': '1.58410039', 'type': 'buy' } {'price':
 '49800.00000000', 'volume': '0.00355100', 'type': 'buy' } {'price':
 '49000.00000000', 'volume': '0.00665775', 'type': 'buy' } {'price':
 '48000.00000000', 'volume': '0.01419753', 'type': 'buy' } {'price':
 '47999.99900000', 'volume': '0.00208375', 'type': 'buy' } {'price':
 '47860.01000000', 'volume': '0.00211164', 'type': 'buy' } {'price':
 '47800.00000000', 'volume': '0.03502222', 'type': 'buy' } {'price':
 '47700.00000000', 'volume': '0.00004444', 'type': 'buy' } {'price':
 '47000.00000000', 'volume': '0.11442222', 'type': 'buy' } {'price':
 '46600.00000000', 'volume': '0.00002222', 'type': 'buy' } {'price':
 '46450.00000000', 'volume': '0.00207578', 'type': 'buy' } {'price':
 '46000.00000000', 'volume': '0.01894913', 'type': 'buy' } {'price':
 '45903.00000000', 'volume': '0.00122222', 'type': 'buy' } {'price':
 '45465.00000000', 'volume': '0.06260000', 'type': 'buy' } {'price':
 '45200.00000000', 'volume': '0.00010000', 'type': 'buy' } {'price':
 '45000.00000000', 'volume': '0.04210666', 'type': 'buy' } {'price':
 '44850.00000000', 'volume': '0.00244414', 'type': 'buy' } {'price':
 '44488.00000000', 'volume': '0.06260000', 'type': 'buy' } {'price':
 '44000.00000000', 'volume': '0.00110000', 'type': 'buy' } {'price':
 '43586.17000000', 'volume': '0.25560000', 'type': 'buy' } {'price':
 '43550.00000000', 'volume': '0.00477359', 'type': 'buy' } {'price':
 '42772.20000000', 'volume': '0.00233329', 'type': 'buy' } {'price':
 '42450.04000000', 'volume': '0.00143156', 'type': 'buy' } {'price':
 '42376.00000000', 'volume': '0.00117991', 'type': 'buy' } {'price':
 '42026.01000000', 'volume': '0.01000000', 'type': 'buy' } {'price':
 '42000.00000000', 'volume': '1.01370292', 'type': 'buy' } {'price':
 '41234.00000000', 'volume': '0.00002222', 'type': 'buy' } {'price':
 '41000.00000000', 'volume': '0.25000000', 'type': 'buy' } {'price':
 '40680.42000000', 'volume': '0.25000000', 'type': 'buy' } {'price':
 '40500.00000000', 'volume': '0.00002222', 'type': 'buy' } {'price':
 '40100.00000000', 'volume': '0.05162194', 'type': 'buy' } {'price':
 '40008.80000000', 'volume': '0.00432659', 'type': 'buy' } {'price':
 '40000.00000000', 'volume': '0.05737500', 'type': 'buy' } {'price':
 '39498.00000000', 'volume': '0.01543141', 'type': 'buy' } {'price':
 '39000.00000000', 'volume': '0.00442682', 'type': 'buy' } {'price':
 '38000.00000000', 'volume': '0.00613431', 'type': 'buy' } {'price':
 '37774.81000000', 'volume': '0.25002222', 'type': 'buy' } {'price':
 '37500.00000000', 'volume': '0.00135555', 'type': 'buy' } {'price':
 '37000.00000000', 'volume': '0.00280000', 'type': 'buy' } {'price':
 '36685.00000000', 'volume': '0.00014444', 'type': 'buy' } {'price':
 '36600.00000000', 'volume': '0.00031639', 'type': 'buy' } {'price':
 '36500.00000000', 'volume': '0.00142222', 'type': 'buy' } {'price':
 '36110.00000000', 'volume': '0.00100000', 'type': 'buy' } {'price':
 '36000.00000000', 'volume': '0.01046582', 'type': 'buy' } {'price':
 '35984.00000000', 'volume': '0.00004444', 'type': 'buy' } {'price':
 '35714.00000000', 'volume': '0.00250000', 'type': 'buy' } {'price':
 '35700.00000000', 'volume': '0.02930000', 'type': 'buy' } {'price':

'35500.36000000', 'volume': '0.00219374', 'type': 'buy' } {'price':
 '35500.01000000', 'volume': '0.03073463', 'type': 'buy' } {'price':
 '35000.00000000', 'volume': '0.15244783', 'type': 'buy' } {'price':
 '34869.05000000', 'volume': '0.35802222', 'type': 'buy' } {'price':
 '34602.00000000', 'volume': '0.00252222', 'type': 'buy' } {'price':
 '34600.00000000', 'volume': '0.00002222', 'type': 'buy' } {'price':
 '34477.99000000', 'volume': '0.00039057', 'type': 'buy' } {'price':
 '34223.17000000', 'volume': '0.00393430', 'type': 'buy' } {'price':
 '34000.00000000', 'volume': '0.00402222', 'type': 'buy' } {'price':
 '33100.00000000', 'volume': '0.02402222', 'type': 'buy' } {'price':
 '33000.00000000', 'volume': '0.00002222', 'type': 'buy' } {'price':
 '32839.72000000', 'volume': '0.00960055', 'type': 'buy' } {'price':
 '32709.97000000', 'volume': '0.00535004', 'type': 'buy' } {'price':
 '32500.01000000', 'volume': '0.00061538', 'type': 'buy' } {'price':
 '32300.00000000', 'volume': '0.00191826', 'type': 'buy' } {'price':
 '32156.00000000', 'volume': '0.00605499', 'type': 'buy' } {'price':
 '32000.00000000', 'volume': '0.00377312', 'type': 'buy' } {'price':
 '30500.00000000', 'volume': '0.00002222', 'type': 'buy' } {'price':
 '30000.00000000', 'volume': '0.13487509', 'type': 'buy' } {'price':
 '29999.99000000', 'volume': '0.00004444', 'type': 'buy' } {'price':
 '29876.76000000', 'volume': '0.00100000', 'type': 'buy' } {'price':
 '29000.00000000', 'volume': '0.00500000', 'type': 'buy' } {'price':
 '28900.00000000', 'volume': '0.00314755', 'type': 'buy' } {'price':
 '28500.00000000', 'volume': '0.00207368', 'type': 'buy' } {'price':
 '28349.49990000', 'volume': '0.00003784', 'type': 'buy' } {'price':
 '28000.00000000', 'volume': '0.01801999', 'type': 'buy' } {'price':
 '27800.00000000', 'volume': '0.01242222', 'type': 'buy' } {'price':
 '27600.00000000', 'volume': '0.05000000', 'type': 'buy' } {'price':
 '27440.00000000', 'volume': '0.00100000', 'type': 'buy' } {'price':
 '27000.00000000', 'volume': '0.01070000', 'type': 'buy' } {'price':
 '26713.70000000', 'volume': '0.00540000', 'type': 'buy' } {'price':
 '26545.00000000', 'volume': '0.05370167', 'type': 'buy' } {'price':
 '26501.00000000', 'volume': '0.00115052', 'type': 'buy' } {'price':
 '26500.00000000', 'volume': '0.00002222', 'type': 'buy' } {'price':
 '26249.90000000', 'volume': '0.00805641', 'type': 'buy' } {'price':
 '26000.00000000', 'volume': '0.00243183', 'type': 'buy' } {'price':
 '25700.00000000', 'volume': '0.00085603', 'type': 'buy' } {'price':
 '25500.00000000', 'volume': '0.00978039', 'type': 'buy' } {'price':
 '25100.00000000', 'volume': '0.00100000', 'type': 'buy' } {'price':
 '25000.00000000', 'volume': '0.12215421', 'type': 'buy' } {'price':
 '24999.99000000', 'volume': '0.00020000', 'type': 'buy' } {'price':
 '24943.40000000', 'volume': '0.02050000', 'type': 'buy' } {'price':
 '24000.00000000', 'volume': '0.04608333', 'type': 'buy' } {'price':
 '23500.00000000', 'volume': '0.02542222', 'type': 'buy' } {'price':
 '23354.57000000', 'volume': '0.00593331', 'type': 'buy' } {'price':
 '23270.00000000', 'volume': '0.11100000', 'type': 'buy' } {'price':
 '23000.00000000', 'volume': '0.04872222', 'type': 'buy' } {'price':
 '22900.00000000', 'volume': '0.02002222', 'type': 'buy' } {'price':

```
'22500.00000000', 'volume': '0.04000000', 'type': 'buy'} {'price':
'22080.18000000', 'volume': '0.00457423', 'type': 'buy'} {'price':
'22000.00000000', 'volume': '0.29901136', 'type': 'buy'} {'price':
'21500.00000000', 'volume': '1.08992222', 'type': 'buy'} {'price':
'21424.61000000', 'volume': '0.00006666', 'type': 'buy'} {'price':
'21000.00000000', 'volume': '0.04150000', 'type': 'buy'} {'price':
'20940.00000000', 'volume': '0.00100811', 'type': 'buy'} {'price':
'20600.00000000', 'volume': '0.00052222', 'type': 'buy'} {'price':
'20574.71000000', 'volume': '0.06824689', 'type': 'buy'} {'price':
'20416.01000000', 'volume': '0.00007000', 'type': 'buy'} {'price':
'20202.05000000', 'volume': '0.02920891', 'type': 'buy'} {'price':
'20050.00000000', 'volume': '0.00254713', 'type': 'buy'} {'price':
'20009.99000000', 'volume': '0.00102172', 'type': 'buy'} {'price':
'20000.00000000', 'volume': '2.18576300', 'type': 'buy'} {'price':
'19989.90000000', 'volume': '0.07567821', 'type': 'buy'} {'price':
'19701.00000000', 'volume': '0.00253794', 'type': 'buy'} {'price':
'19377.27000000', 'volume': '0.00083654', 'type': 'buy'} {'price':
'19350.00000000', 'volume': '0.00002222', 'type': 'buy'} {'price':
'18159.61000000', 'volume': '0.00091000', 'type': 'buy'} {'price':
'18000.00000000', 'volume': '0.01059944', 'type': 'buy'} {'price':
'17860.01000000', 'volume': '0.02996358', 'type': 'buy'} {'price':
'17860.00000000', 'volume': '0.00002222', 'type': 'buy'}
```

```
[52]: btc_orderbook_df = pd.DataFrame.from_dict(orderbook, orient='columns')
```

```
[53]: btc_orderbook_df.head()
```

```
[53]:
```

	price	volume	type
0	206788.33999994	0.04163157	sell
1	206791.66999994	0.06947163	sell
2	206795.00000000	0.05300811	sell
3	206813.00000000	0.32800000	sell
4	206838.00000000	0.32800000	sell

```
[54]: btc_orderbook_df.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 2000 entries, 0 to 1999
Data columns (total 3 columns):
#   Column  Non-Null Count  Dtype
---  -
0   price   2000 non-null      object
1   volume  2000 non-null      object
2   type    2000 non-null      object
dtypes: object(3)
memory usage: 47.0+ KB
```

```
[55]: btc_orderbook_df["price"] = pd.to_numeric(btc_orderbook_df["price"])
      btc_orderbook_df["volume"] = pd.to_numeric(btc_orderbook_df["volume"])
```

```
[56]: btc_orderbook_df.drop_duplicates()
```

```
[56]:
```

	price	volume	type
0	206788.34	0.041632	sell
1	206791.67	0.069472	sell
2	206795.00	0.053008	sell
3	206813.00	0.328000	sell
4	206838.00	0.328000	sell
...
1995	19350.00	0.000022	buy
1996	18159.61	0.000910	buy
1997	18000.00	0.010599	buy
1998	17860.01	0.029964	buy
1999	17860.00	0.000022	buy

[2000 rows x 3 columns]

```
[57]: btc_orderbook_df.info()
```

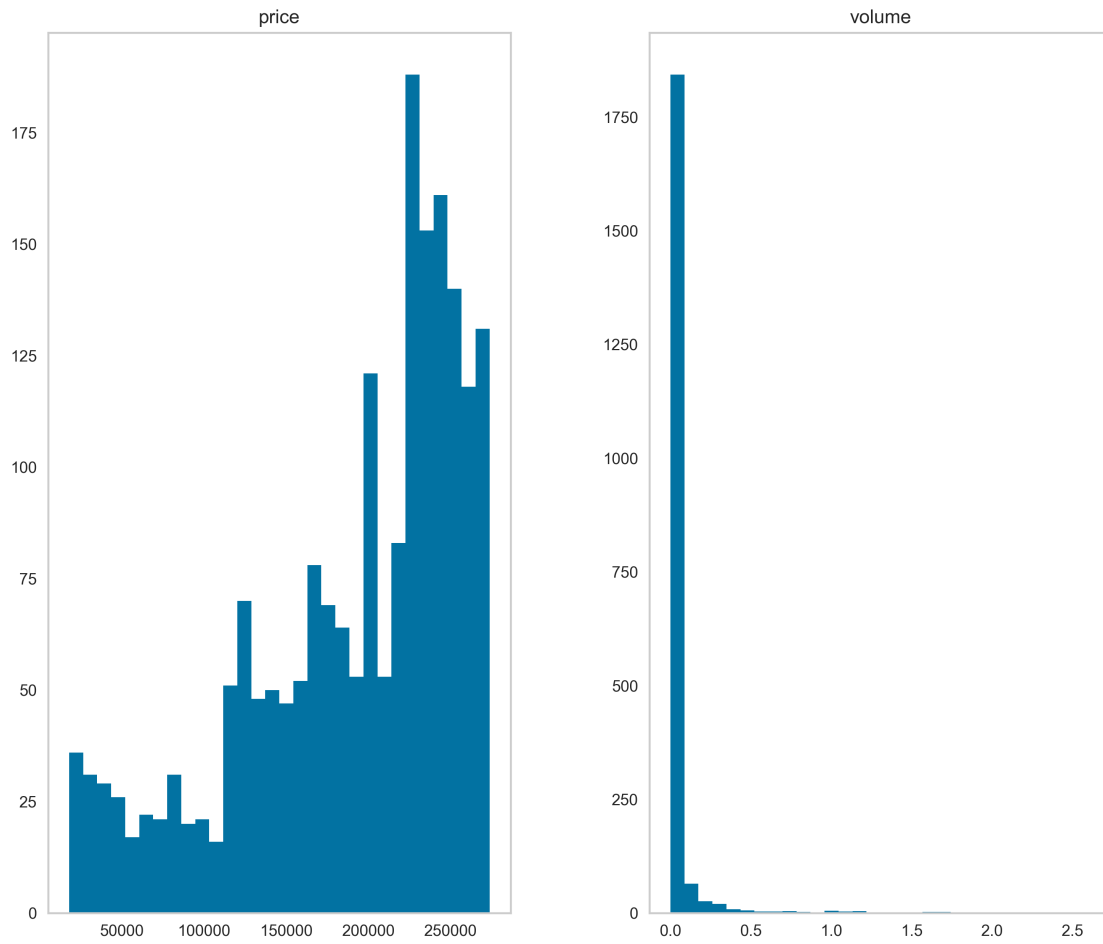
```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 2000 entries, 0 to 1999
Data columns (total 3 columns):
 #   Column  Non-Null Count  Dtype
---  -
 0   price   2000 non-null    float64
 1   volume  2000 non-null    float64
 2   type    2000 non-null    object
dtypes: float64(2), object(1)
memory usage: 47.0+ KB
```

```
[58]: btc_orderbook_df.to_csv("btc_orderbook_df.csv", sep='\t', index=False)
      btc_orderbook_df.to_parquet("btc_orderbook_df.parquet", engine="fastparquet")
```

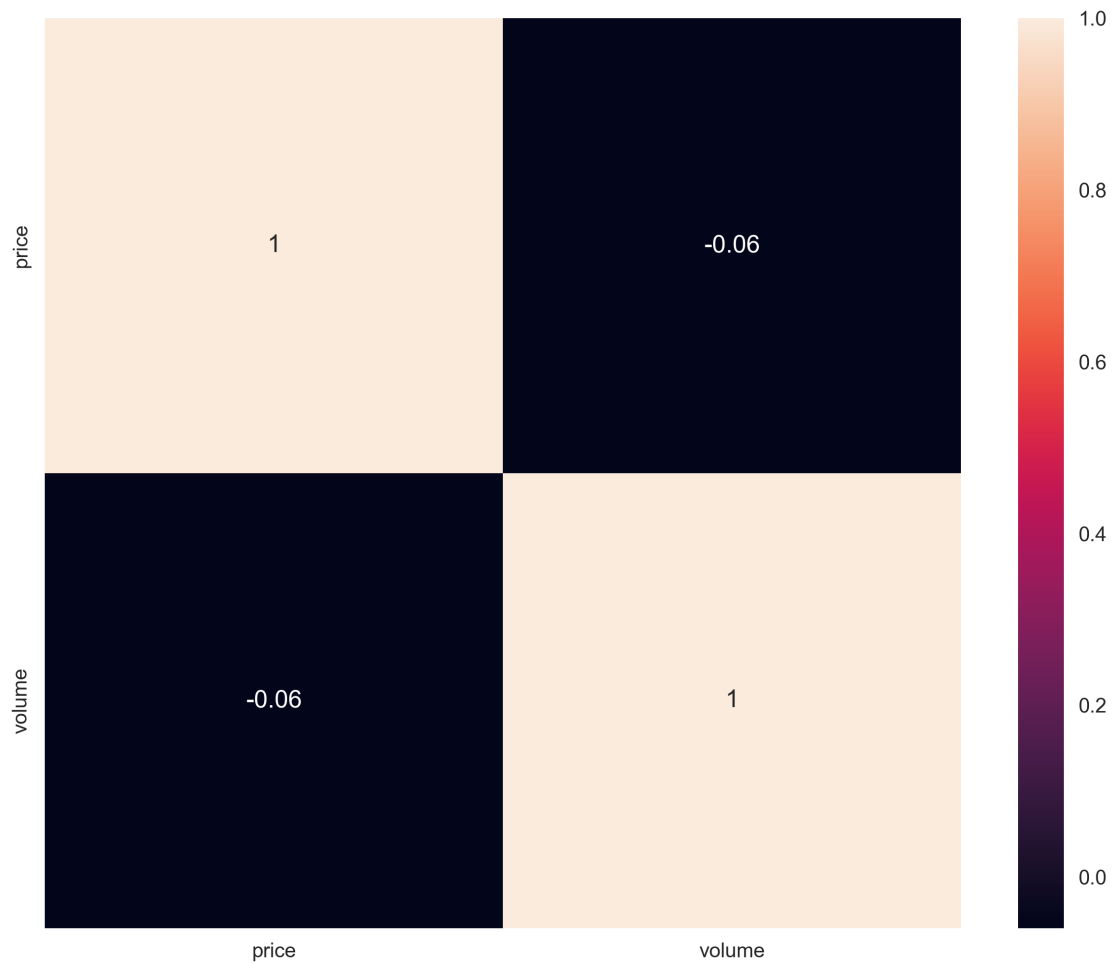
0.2 Exploratory Data Analysis

```
[59]: import numpy as np
      import pandas as pd
      import matplotlib.pyplot as plt
      import matplotlib as mpl
      import seaborn as sns
      from pycaret.clustering import *
      mpl.rcParams['figure.dpi'] = 300
```

```
[60]: btc_orderbook_df.hist(bins = 30, figsize = (12,10), grid = False)
      plt.show()
```



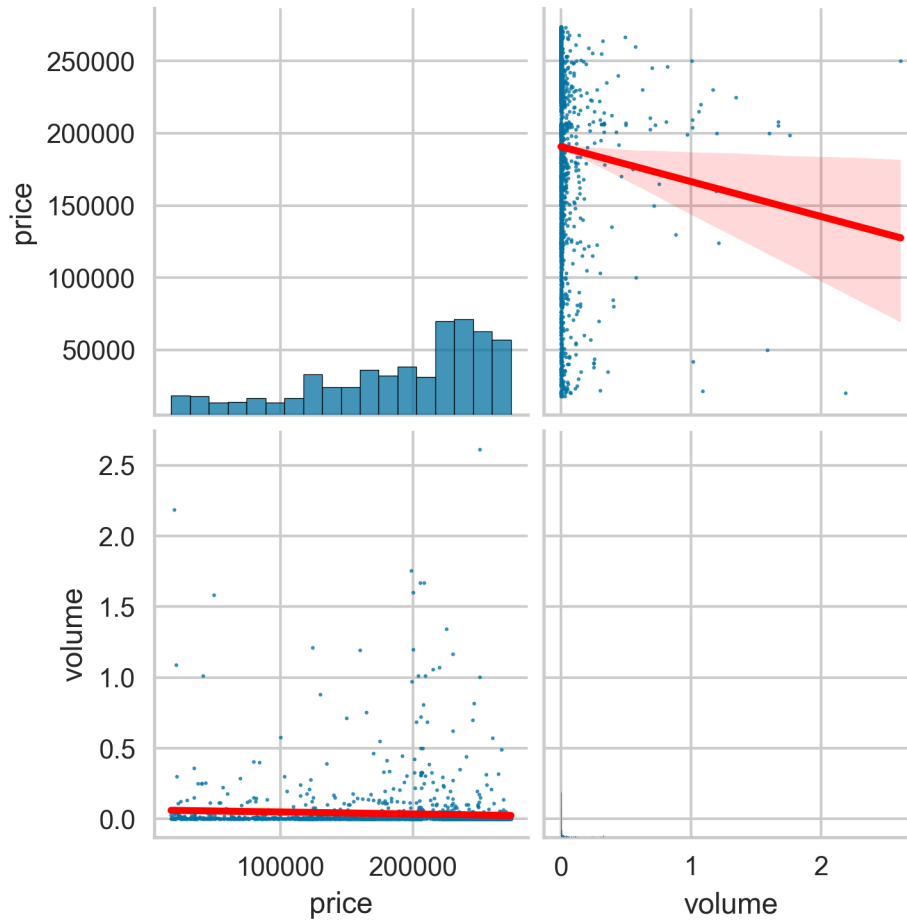
```
[61]: plt.figure(figsize=(10, 8))  
sns.heatmap(btc_orderbook_df.corr().round(decimals=2), annot=True)  
plt.show()
```



```
[66]: btc_orderbook_df.columns[:2]
```

```
[66]: Index(['price', 'volume'], dtype='object')
```

```
[67]: plot_kws = {'scatter_kws': {'s': 2}, 'line_kws': {'color': 'red'}}
sns.pairplot(btc_orderbook_df, kind='reg', vars=btc_orderbook_df.columns[:2],
    ↪ plot_kws=plot_kws)
plt.show()
```



0.3 Model

```
[68]: cluster = setup(btc_orderbook_df, session_id=7652, index=False, normalize=True,
    ↪ ignore_features=["type"], use_gpu=True)
```

```
<pandas.io.formats.style.Styler at 0x2a6a1c750>
```

```
[100]: kmeans = create_model('kmeans')
```

```
<IPython.core.display.HTML object>
```

```
<pandas.io.formats.style.Styler at 0x2acbf0510>
```

```
<IPython.core.display.HTML object>
```

```
[101]: evaluate_model(kmeans)
```

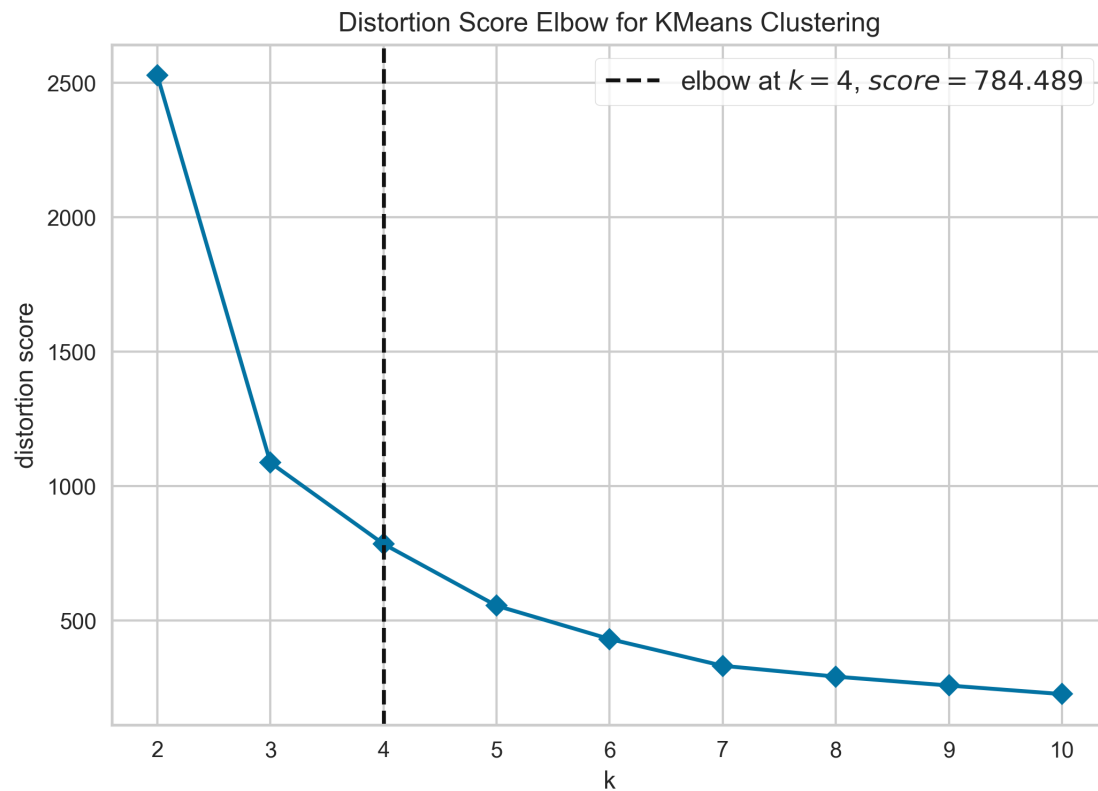
```
interactive(children=(ToggleButtons(description='Plot Type:', icons=('',),
    ↪ options=(('Pipeline Plot', 'pipelin...
```

```
[102]: print(kmeans)
```

```
KMeans(n_clusters=4, random_state=7652)
```

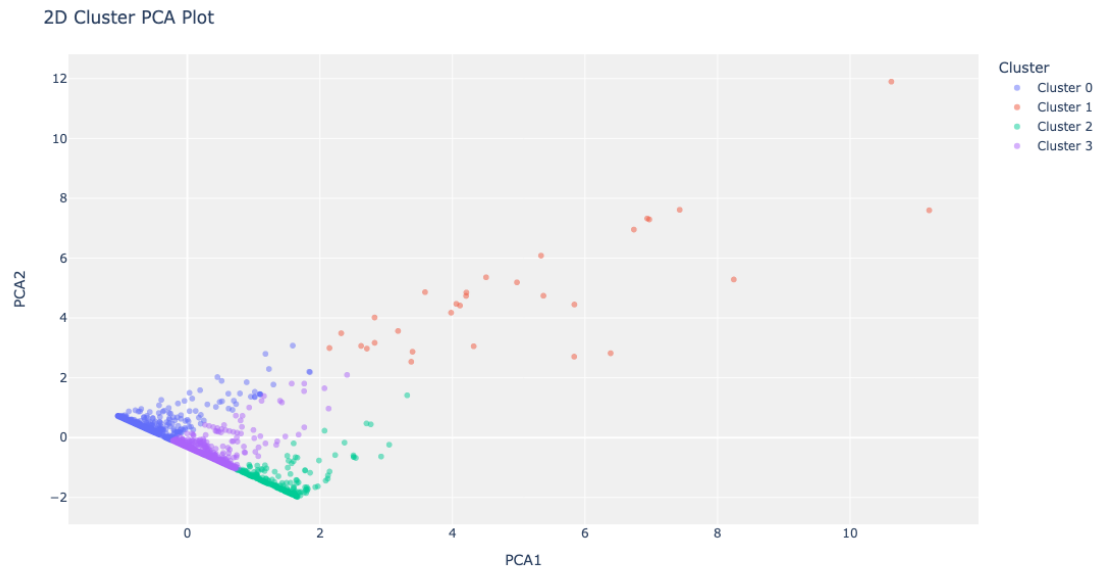
```
[114]: plot_model(kmeans, 'elbow')
```

```
<IPython.core.display.HTML object>
```



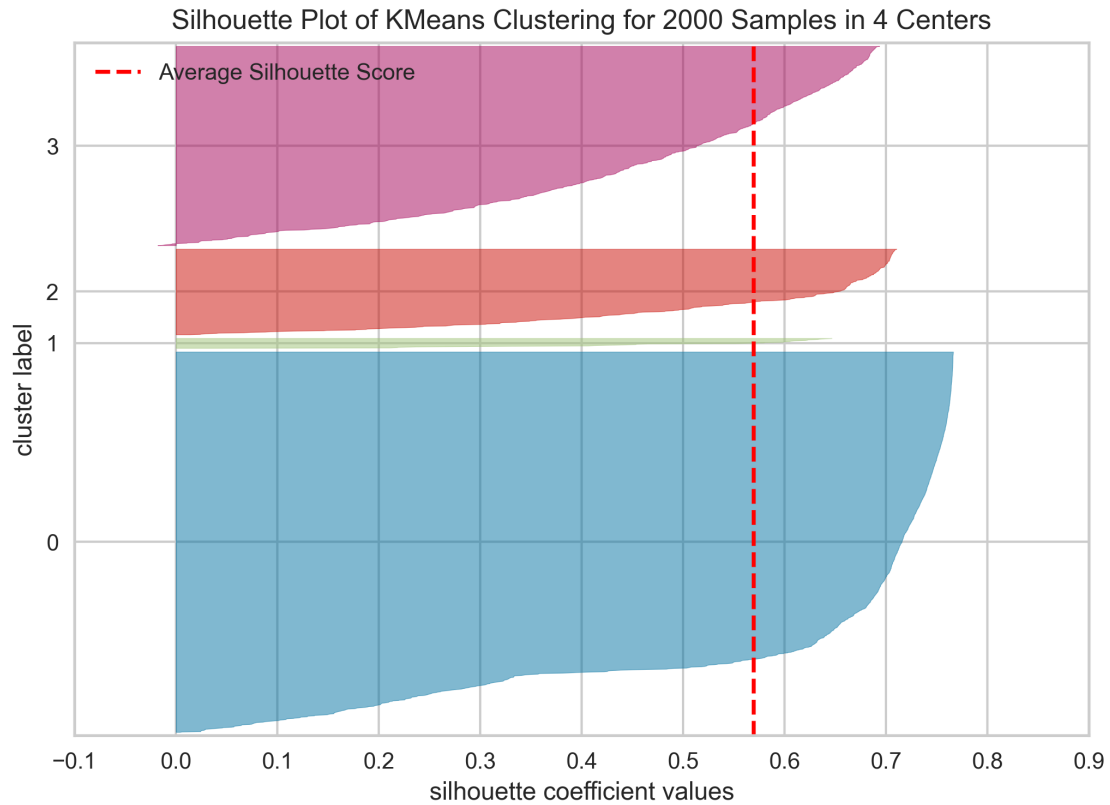
```
[112]: plot_model(kmeans)
```

```
<IPython.core.display.HTML object>
```

```
[116]: plot_model(kmeans, plot='silhouette')
```

<IPython.core.display.HTML object>



```
[117]: plot_model(kmeans, plot='distribution', save=True)
```

```
<IPython.core.display.HTML object>
```

```
[117]: 'Distribution Plot.png'
```

```
[27]: models()
```

```
[27]:
```

	Name \	
ID		
kmeans	K-Means Clustering	
ap	Affinity Propagation	
meanshift	Mean Shift Clustering	
sc	Spectral Clustering	
hclust	Agglomerative Clustering	
dbscan	Density-Based Spatial Clustering	
optics	OPTICS Clustering	
birch	Birch Clustering	

	Reference
ID	
kmeans	sklearn.cluster._kmeans.KMeans
ap	sklearn.cluster._affinity_propagation.Affinity...
meanshift	sklearn.cluster._mean_shift.MeanShift
sc	sklearn.cluster._spectral.SpectralClustering
hclust	sklearn.cluster._agglomerative.AgglomerativeCl...
dbscan	sklearn.cluster._dbscan.DBSCAN
optics	sklearn.cluster._optics.OPTICS
birch	sklearn.cluster._birch.Birch

```
[107]: model = create_model('dbscan', num_clusters=4)
```

```
<IPython.core.display.HTML object>
```

```
<pandas.io.formats.style.Styler at 0x13f16fe90>
```

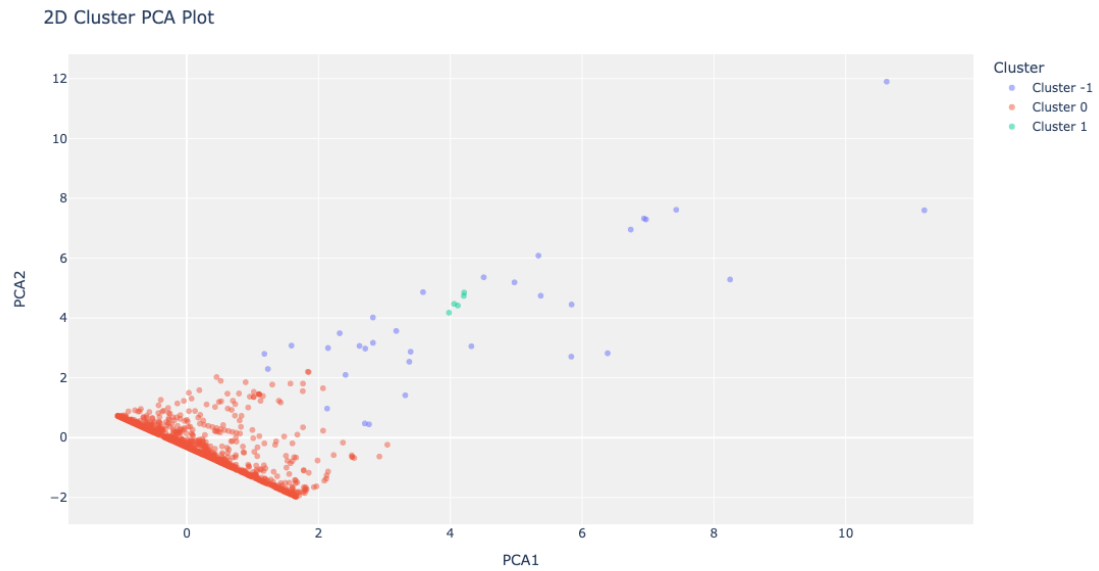
```
<IPython.core.display.HTML object>
```

```
[108]: print(model)
```

```
DBSCAN(n_jobs=-1)
```

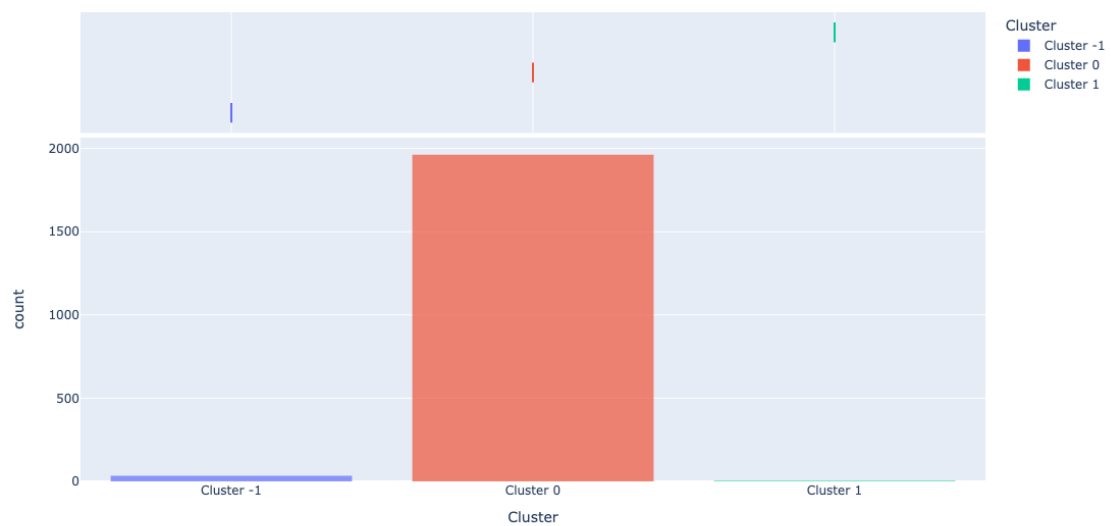
```
[120]: plot_model(model)
```

```
<IPython.core.display.HTML object>
```



```
[121]: plot_model(model, plot='distribution')
```

<IPython.core.display.HTML object>



```
[ ]:
```