

LOGS RELATED TO LOG INFO/SYSOUT

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=====
00:00 INFO: Input PathC:\\\\Users\\\\Public\\\\JSON
00:00 INFO: Output PathC:\\\\Users\\\\Public\\\\output
00:01 INFO: ***Calculating Simple Moving Average Of Dstreams***
00:01 INFO: ***Calculating Maximum Profit Of Dstreams***
00:01 INFO: ***Calculating RSI Of Dstreams***
00:01 INFO: ***Calculating Maximum Trading Volume Of Dstreams ***
04:48 INFO: Generating Output File for Simple_Moving_Avg_Analyses1
-----
```

Time: 1550674020000 ms

```
-----
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@5a514d7a
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@541453af
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@41475058
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@5350f66d
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@33a5be0
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@7545f903
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@e7bb263
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@5a4cce5f
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@b786bad
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@512f0620
...

```

```
04:50 INFO: Generating Output File for Maximum_Profit_Analyses2
09:47 INFO: Generating Output File for Simple_Moving_Avg_Analyses1
-----
```

Time: 1550674320000 ms

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-----
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@3488e137
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@54bf7a28
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@6d48bb65
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@228563fa
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@5177afc4
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@7eb6e1f8
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@560deed8
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@5f1ecd50
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@337b50f8
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@7a0bde4e
...

```

```
09:48 INFO: Generating Output File for Maximum_Profit_Analyses2
09:48 INFO: Generating Output File for RSI_Analyses3
09:48 INFO: Generating Output File for Trading_Volume RSI_Analyses4
10:47 INFO: Generating Output File for RSI_Analyses3
11:47 INFO: Generating Output File for RSI_Analyses3
12:47 INFO: Generating Output File for RSI_Analyses3
13:47 INFO: Generating Output File for RSI_Analyses3
14:47 INFO: Generating Output File for Simple_Moving_Avg_Analyses1
-----
```

Time: 1550674620000 ms

```
-----
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@50a4ba52
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@1f825ad5
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@2e042268
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@28a1d3e2
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@5da28a8e
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@50fb271d
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@5fe35808
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@79fbaed5
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@3044ad9e
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@390ea744
...

```

14:48 INFO: Generating Output File for Maximum_Profit_Analyses2
14:48 INFO: Generating Output File for RSI_Analyses3
15:47 INFO: Generating Output File for RSI_Analyses3
16:47 INFO: Generating Output File for RSI_Analyses3
17:47 INFO: Generating Output File for RSI_Analyses3
18:47 INFO: Generating Output File for RSI_Analyses3
19:47 INFO: Generating Output File for Simple_Moving_Avg_Analyses1

Time: 1550674920000 ms

com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@213a76ed
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@71308712
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@6bb70a89
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@733b40c6
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@144cd52
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@7439d27f
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@27097d33
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@e1d2464
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@291446a8
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@1304d3df
...

19:48 INFO: Generating Output File for Maximum_Profit_Analyses2
19:48 INFO: Generating Output File for RSI_Analyses3
19:48 INFO: Generating Output File for Trading_Volume_RSI_Analyses4
20:47 INFO: Generating Output File for RSI_Analyses3
21:47 INFO: Generating Output File for RSI_Analyses3
22:47 INFO: Generating Output File for RSI_Analyses3
23:47 INFO: Generating Output File for RSI_Analyses3
24:47 INFO: Generating Output File for Simple_Moving_Avg_Analyses1

Time: 1550675220000 ms

com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@2f7ec5db
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@3902c7e1
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@1ed447d5
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@34fb835
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@5a46f59a
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@75d40cfc
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@4902177c
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@37f29079
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@5a754938
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@f930d66
...

24:48 INFO: Generating Output File for Maximum_Profit_Analyses2
24:48 INFO: Generating Output File for RSI_Analyses3
25:47 INFO: Generating Output File for RSI_Analyses3
26:47 INFO: Generating Output File for RSI_Analyses3
27:47 INFO: Generating Output File for RSI_Analyses3
28:47 INFO: Generating Output File for RSI_Analyses3
29:47 INFO: Generating Output File for Simple_Moving_Avg_Analyses1

Time: 1550675520000 ms

com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@4bfcbb76
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@2a90ec92
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@74985b8a
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@6e2cd530
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@4025f488
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@6dfc7462
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@5b0e365c
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@5383fd58
com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@3c6dd214

com.ruksana.sparkstreaming.EquityDataAnalysis.EquityData@32bcfe9f
...

29:48 INFO: Generating Output File for Maximum_Profit_Analyses2
29:48 INFO: Generating Output File for RSI_Analyses3
29:48 INFO: Generating Output File for Trading_Volume RSI_Analyses4

LOGS RELATED TO CONSOLE OUTPUT

=====

Using Spark's default log4j profile: org/apache/spark/log4j-defaults.properties
19/02/20 20:12:12 INFO SparkContext: Running Spark version 2.2.0
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by
org.apache.hadoop.security.authentication.util.KerberosUtil
(file:/E:/RUKSANA/BIG%20DATA
%20STUFF/Spark_streaming_course_project/SparkStreaming_Ruksana/SparkApplication.
jar) to method sun.security.krb5.Config.getInstance()
WARNING: Please consider reporting this to the maintainers of
org.apache.hadoop.security.authentication.util.KerberosUtil
WARNING: Use --illegal-access=warn to enable warnings of further illegal
reflective access operations
WARNING: All illegal access operations will be denied in a future release
19/02/20 20:12:12 WARN NativeCodeLoader: Unable to load native-hadoop library
for your platform... using builtin-java classes where applicable
19/02/20 20:12:13 INFO SparkContext: Submitted application: SparkAnalysesDriver
19/02/20 20:12:13 INFO SecurityManager: Changing view acls to: Ruksana
19/02/20 20:12:13 INFO SecurityManager: Changing modify acls to: Ruksana
19/02/20 20:12:13 INFO SecurityManager: Changing view acls groups to:
19/02/20 20:12:13 INFO SecurityManager: Changing modify acls groups to:
19/02/20 20:12:13 INFO SecurityManager: SecurityManager: authentication
disabled; ui acls disabled; users with view permissions: Set(Ruksana); groups
with view permissions: Set(); users with modify permissions: Set(Ruksana);
groups with modify permissions: Set()
19/02/20 20:12:13 INFO Utils: Successfully started service 'sparkDriver' on port
56504.
19/02/20 20:12:13 INFO SparkEnv: Registering MapOutputTracker
19/02/20 20:12:13 INFO SparkEnv: Registering BlockManagerMaster
19/02/20 20:12:13 INFO BlockManagerMasterEndpoint: Using
org.apache.spark.storage.DefaultTopologyMapper for getting topology information
19/02/20 20:12:13 INFO BlockManagerMasterEndpoint: BlockManagerMasterEndpoint up
19/02/20 20:12:13 INFO DiskBlockManager: Created local directory at
C:\Users\Ruksana\AppData\Local\Temp\blockmgr-42471c1c-11c1-49c4-84c0-
bbadc9182ee2
19/02/20 20:12:13 INFO MemoryStore: MemoryStore started with capacity 2.2 GB
19/02/20 20:12:13 INFO SparkEnv: Registering OutputCommitCoordinator
19/02/20 20:12:13 INFO Utils: Successfully started service 'SparkUI' on port
4040.
19/02/20 20:12:13 INFO SparkUI: Bound SparkUI to 0.0.0.0, and started at
http://192.168.56.1:4040
19/02/20 20:12:13 INFO Executor: Starting executor ID driver on host localhost
19/02/20 20:12:13 INFO Utils: Successfully started service
'org.apache.spark.network.netty.NettyBlockTransferService' on port 56546.
19/02/20 20:12:13 INFO NettyBlockTransferService: Server created on
192.168.56.1:56546
19/02/20 20:12:13 INFO BlockManager: Using
org.apache.spark.storage.RandomBlockReplicationPolicy for block replication
policy
19/02/20 20:12:13 INFO BlockManagerMaster: Registering BlockManager
BlockManagerId(driver, 192.168.56.1, 56546, None)
19/02/20 20:12:13 INFO BlockManagerMasterEndpoint: Registering block manager
192.168.56.1:56546 with 2.2 GB RAM, BlockManagerId(driver, 192.168.56.1, 56546,
None)
19/02/20 20:12:13 INFO BlockManagerMaster: Registered BlockManager
BlockManagerId(driver, 192.168.56.1, 56546, None)

19/02/20 20:12:13 INFO BlockManager: Initialized BlockManager:
BlockManagerId(driver, 192.168.56.1, 56546, None)
19/02/20 20:12:14 INFO FileInputDStream: Duration for remembering RDDs set to
60000 ms for org.apache.spark.streaming.dstream.FileInputDStream@3468ee6e
19/02/20 20:12:14 INFO MappedDStream: Duration for remembering RDDs set to
900000 ms for org.apache.spark.streaming.dstream.MappedDStream@37ebf2b6
19/02/20 20:12:14 INFO FileInputDStream: Duration for remembering RDDs set to
900000 ms for org.apache.spark.streaming.dstream.FileInputDStream@3468ee6e
19/02/20 20:12:14 INFO MappedDStream: Duration for remembering RDDs set to
1200000 ms for org.apache.spark.streaming.dstream.MappedDStream@37ebf2b6
19/02/20 20:12:14 INFO FileInputDStream: Duration for remembering RDDs set to
1200000 ms for org.apache.spark.streaming.dstream.FileInputDStream@3468ee6e
19/02/20 20:12:14 INFO FileInputDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO FileInputDStream: Storage level = Serialized 1x
Replicated
19/02/20 20:12:14 INFO FileInputDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO FileInputDStream: Remember interval = 1200000 ms
19/02/20 20:12:14 INFO FileInputDStream: Initialized and validated
org.apache.spark.streaming.dstream.FileInputDStream@3468ee6e
19/02/20 20:12:14 INFO MappedDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO MappedDStream: Storage level = Memory Serialized 1x
Replicated
19/02/20 20:12:14 INFO MappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO MappedDStream: Remember interval = 1200000 ms
19/02/20 20:12:14 INFO MappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.MappedDStream@37ebf2b6
19/02/20 20:12:14 INFO WindowedDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO WindowedDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO WindowedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO WindowedDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO WindowedDStream: Initialized and validated
org.apache.spark.streaming.dstream.WindowedDStream@2bcd9447
19/02/20 20:12:14 INFO FlatMappedDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO FlatMappedDStream: Storage level = Serialized 1x
Replicated
19/02/20 20:12:14 INFO FlatMappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO FlatMappedDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO FlatMappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.FlatMappedDStream@7f075a5e
19/02/20 20:12:14 INFO MappedDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO MappedDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO MappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO MappedDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO MappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.MappedDStream@2e3e1acf
19/02/20 20:12:14 INFO ShuffledDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO ShuffledDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO ShuffledDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO ShuffledDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO ShuffledDStream: Initialized and validated
org.apache.spark.streaming.dstream.ShuffledDStream@301e23bf
19/02/20 20:12:14 INFO MappedDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO MappedDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO MappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO MappedDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO MappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.MappedDStream@77b6e657
19/02/20 20:12:14 INFO ForEachDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO ForEachDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO ForEachDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO ForEachDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO ForEachDStream: Initialized and validated
org.apache.spark.streaming.dstream.ForEachDStream@32268755
19/02/20 20:12:14 INFO FileInputDStream: Slide time = 60000 ms

19/02/20 20:12:14 INFO FileInputDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO FileInputDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO FileInputDStream: Remember interval = 1200000 ms
19/02/20 20:12:14 INFO FileInputDStream: Initialized and validated
org.apache.spark.streaming.dstream.FileInputDStream@3468ee6e
19/02/20 20:12:14 INFO MappedDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO MappedDStream: Storage level = Memory Serialized 1x Replicated
19/02/20 20:12:14 INFO MappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO MappedDStream: Remember interval = 1200000 ms
19/02/20 20:12:14 INFO MappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.MappedDStream@37ebf2b6
19/02/20 20:12:14 INFO WindowedDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO WindowedDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO WindowedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO WindowedDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO WindowedDStream: Initialized and validated
org.apache.spark.streaming.dstream.WindowedDStream@2bcd9447
19/02/20 20:12:14 INFO FlatMappedDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO FlatMappedDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO FlatMappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO FlatMappedDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO FlatMappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.FlatMappedDStream@7f075a5e
19/02/20 20:12:14 INFO ForEachDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO ForEachDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO ForEachDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO ForEachDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO ForEachDStream: Initialized and validated
org.apache.spark.streaming.dstream.ForEachDStream@6c901bbc
19/02/20 20:12:14 INFO FileInputDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO FileInputDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO FileInputDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO FileInputDStream: Remember interval = 1200000 ms
19/02/20 20:12:14 INFO FileInputDStream: Initialized and validated
org.apache.spark.streaming.dstream.FileInputDStream@3468ee6e
19/02/20 20:12:14 INFO MappedDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO MappedDStream: Storage level = Memory Serialized 1x Replicated
19/02/20 20:12:14 INFO MappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO MappedDStream: Remember interval = 1200000 ms
19/02/20 20:12:14 INFO MappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.MappedDStream@37ebf2b6
19/02/20 20:12:14 INFO WindowedDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO WindowedDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO WindowedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO WindowedDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO WindowedDStream: Initialized and validated
org.apache.spark.streaming.dstream.WindowedDStream@2bcd9447
19/02/20 20:12:14 INFO FlatMappedDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO FlatMappedDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO FlatMappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO FlatMappedDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO FlatMappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.FlatMappedDStream@7f075a5e
19/02/20 20:12:14 INFO MappedDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO MappedDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO MappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO MappedDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO MappedDStream: Initialized and validated

org.apache.spark.streaming.dstream.MappedDStream@2d52de4a
19/02/20 20:12:14 INFO ShuffledDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO ShuffledDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO ShuffledDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO ShuffledDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO ShuffledDStream: Initialized and validated
org.apache.spark.streaming.dstream.ShuffledDStream@6d9601e9
19/02/20 20:12:14 INFO MappedDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO MappedDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO MappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO MappedDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO MappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.MappedDStream@6b0c3f21
19/02/20 20:12:14 INFO FileInputDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO FileInputDStream: Storage level = Serialized 1x
Replicated
19/02/20 20:12:14 INFO FileInputDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO FileInputDStream: Remember interval = 1200000 ms
19/02/20 20:12:14 INFO FileInputDStream: Initialized and validated
org.apache.spark.streaming.dstream.FileInputDStream@3468ee6e
19/02/20 20:12:14 INFO MappedDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO MappedDStream: Storage level = Memory Serialized 1x
Replicated
19/02/20 20:12:14 INFO MappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO MappedDStream: Remember interval = 1200000 ms
19/02/20 20:12:14 INFO MappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.MappedDStream@37ebf2b6
19/02/20 20:12:14 INFO WindowedDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO WindowedDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO WindowedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO WindowedDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO WindowedDStream: Initialized and validated
org.apache.spark.streaming.dstream.WindowedDStream@2bcd9447
19/02/20 20:12:14 INFO FlatMappedDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO FlatMappedDStream: Storage level = Serialized 1x
Replicated
19/02/20 20:12:14 INFO FlatMappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO FlatMappedDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO FlatMappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.FlatMappedDStream@7f075a5e
19/02/20 20:12:14 INFO MappedDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO MappedDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO MappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO MappedDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO MappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.MappedDStream@72d9407
19/02/20 20:12:14 INFO ShuffledDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO ShuffledDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO ShuffledDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO ShuffledDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO ShuffledDStream: Initialized and validated
org.apache.spark.streaming.dstream.ShuffledDStream@3c36aa26
19/02/20 20:12:14 INFO MappedDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO MappedDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO MappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO MappedDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO MappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.MappedDStream@61727d00
19/02/20 20:12:14 INFO TransformedDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO TransformedDStream: Storage level = Serialized 1x
Replicated
19/02/20 20:12:14 INFO TransformedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO TransformedDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO TransformedDStream: Initialized and validated

org.apache.spark.streaming.dstream.TransformedDStream@6b0da338
19/02/20 20:12:14 INFO MappedDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO MappedDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO MappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO MappedDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO MappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.MappedDStream@6b8ff2
19/02/20 20:12:14 INFO MappedDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO MappedDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO MappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO MappedDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO MappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.MappedDStream@9856243
19/02/20 20:12:14 INFO TransformedDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO TransformedDStream: Storage level = Serialized 1x
Replicated
19/02/20 20:12:14 INFO TransformedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO TransformedDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO TransformedDStream: Initialized and validated
org.apache.spark.streaming.dstream.TransformedDStream@7b6d840e
19/02/20 20:12:14 INFO ForEachDStream: Slide time = 300000 ms
19/02/20 20:12:14 INFO ForEachDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO ForEachDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO ForEachDStream: Remember interval = 300000 ms
19/02/20 20:12:14 INFO ForEachDStream: Initialized and validated
org.apache.spark.streaming.dstream.ForEachDStream@7d7ffc38
19/02/20 20:12:14 INFO FileInputDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO FileInputDStream: Storage level = Serialized 1x
Replicated
19/02/20 20:12:14 INFO FileInputDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO FileInputDStream: Remember interval = 1200000 ms
19/02/20 20:12:14 INFO FileInputDStream: Initialized and validated
org.apache.spark.streaming.dstream.FileInputDStream@3468ee6e
19/02/20 20:12:14 INFO MappedDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO MappedDStream: Storage level = Memory Serialized 1x
Replicated
19/02/20 20:12:14 INFO MappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO MappedDStream: Remember interval = 1200000 ms
19/02/20 20:12:14 INFO MappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.MappedDStream@37ebf2b6
19/02/20 20:12:14 INFO WindowedDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO WindowedDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO WindowedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO WindowedDStream: Remember interval = 60000 ms
19/02/20 20:12:14 INFO WindowedDStream: Initialized and validated
org.apache.spark.streaming.dstream.WindowedDStream@21b7f87a
19/02/20 20:12:14 INFO FlatMappedDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO FlatMappedDStream: Storage level = Serialized 1x
Replicated
19/02/20 20:12:14 INFO FlatMappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO FlatMappedDStream: Remember interval = 60000 ms
19/02/20 20:12:14 INFO FlatMappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.FlatMappedDStream@3020175
19/02/20 20:12:14 INFO MappedDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO MappedDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO MappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO MappedDStream: Remember interval = 60000 ms
19/02/20 20:12:14 INFO MappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.MappedDStream@1458a8ef
19/02/20 20:12:14 INFO FilteredDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO FilteredDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO FilteredDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO FilteredDStream: Remember interval = 60000 ms
19/02/20 20:12:14 INFO FilteredDStream: Initialized and validated

org.apache.spark.streaming.dstream.FilteredDStream@16441860
19/02/20 20:12:14 INFO ShuffledDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO ShuffledDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO ShuffledDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO ShuffledDStream: Remember interval = 60000 ms
19/02/20 20:12:14 INFO ShuffledDStream: Initialized and validated
org.apache.spark.streaming.dstream.ShuffledDStream@82e46fa
19/02/20 20:12:14 INFO FileInputDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO FileInputDStream: Storage level = Serialized 1x
Replicated
19/02/20 20:12:14 INFO FileInputDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO FileInputDStream: Remember interval = 1200000 ms
19/02/20 20:12:14 INFO FileInputDStream: Initialized and validated
org.apache.spark.streaming.dstream.FileInputDStream@3468ee6e
19/02/20 20:12:14 INFO MappedDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO MappedDStream: Storage level = Memory Serialized 1x
Replicated
19/02/20 20:12:14 INFO MappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO MappedDStream: Remember interval = 1200000 ms
19/02/20 20:12:14 INFO MappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.MappedDStream@37ebf2b6
19/02/20 20:12:14 INFO WindowedDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO WindowedDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO WindowedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO WindowedDStream: Remember interval = 60000 ms
19/02/20 20:12:14 INFO WindowedDStream: Initialized and validated
org.apache.spark.streaming.dstream.WindowedDStream@21b7f87a
19/02/20 20:12:14 INFO FlatMappedDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO FlatMappedDStream: Storage level = Serialized 1x
Replicated
19/02/20 20:12:14 INFO FlatMappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO FlatMappedDStream: Remember interval = 60000 ms
19/02/20 20:12:14 INFO FlatMappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.FlatMappedDStream@3020175
19/02/20 20:12:14 INFO MappedDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO MappedDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO MappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO MappedDStream: Remember interval = 60000 ms
19/02/20 20:12:14 INFO MappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.MappedDStream@1458a8ef
19/02/20 20:12:14 INFO FilteredDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO FilteredDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO FilteredDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO FilteredDStream: Remember interval = 60000 ms
19/02/20 20:12:14 INFO FilteredDStream: Initialized and validated
org.apache.spark.streaming.dstream.FilteredDStream@1bb4e723
19/02/20 20:12:14 INFO ShuffledDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO ShuffledDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO ShuffledDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO ShuffledDStream: Remember interval = 60000 ms
19/02/20 20:12:14 INFO ShuffledDStream: Initialized and validated
org.apache.spark.streaming.dstream.ShuffledDStream@4afa3b6a
19/02/20 20:12:14 INFO TransformedDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO TransformedDStream: Storage level = Serialized 1x
Replicated
19/02/20 20:12:14 INFO TransformedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO TransformedDStream: Remember interval = 60000 ms
19/02/20 20:12:14 INFO TransformedDStream: Initialized and validated
org.apache.spark.streaming.dstream.TransformedDStream@7c4bbd4d
19/02/20 20:12:14 INFO MappedDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO MappedDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO MappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO MappedDStream: Remember interval = 60000 ms
19/02/20 20:12:14 INFO MappedDStream: Initialized and validated

org.apache.spark.streaming.dstream.MappedDStream@6282da8
19/02/20 20:12:14 INFO ForEachDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO ForEachDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO ForEachDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO ForEachDStream: Remember interval = 60000 ms
19/02/20 20:12:14 INFO ForEachDStream: Initialized and validated
org.apache.spark.streaming.dstream.ForEachDStream@3a994fb1
19/02/20 20:12:14 INFO FileInputDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO FileInputDStream: Storage level = Serialized 1x
Replicated
19/02/20 20:12:14 INFO FileInputDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO FileInputDStream: Remember interval = 1200000 ms
19/02/20 20:12:14 INFO FileInputDStream: Initialized and validated
org.apache.spark.streaming.dstream.FileInputDStream@3468ee6e
19/02/20 20:12:14 INFO MappedDStream: Slide time = 60000 ms
19/02/20 20:12:14 INFO MappedDStream: Storage level = Memory Serialized 1x
Replicated
19/02/20 20:12:14 INFO MappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO MappedDStream: Remember interval = 1200000 ms
19/02/20 20:12:14 INFO MappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.MappedDStream@37ebf2b6
19/02/20 20:12:14 INFO WindowedDStream: Slide time = 600000 ms
19/02/20 20:12:14 INFO WindowedDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO WindowedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO WindowedDStream: Remember interval = 600000 ms
19/02/20 20:12:14 INFO WindowedDStream: Initialized and validated
org.apache.spark.streaming.dstream.WindowedDStream@21a312e3
19/02/20 20:12:14 INFO FlatMappedDStream: Slide time = 600000 ms
19/02/20 20:12:14 INFO FlatMappedDStream: Storage level = Serialized 1x
Replicated
19/02/20 20:12:14 INFO FlatMappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO FlatMappedDStream: Remember interval = 600000 ms
19/02/20 20:12:14 INFO FlatMappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.FlatMappedDStream@a3724f
19/02/20 20:12:14 INFO MappedDStream: Slide time = 600000 ms
19/02/20 20:12:14 INFO MappedDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO MappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO MappedDStream: Remember interval = 600000 ms
19/02/20 20:12:14 INFO MappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.MappedDStream@47215a9e
19/02/20 20:12:14 INFO ShuffledDStream: Slide time = 600000 ms
19/02/20 20:12:14 INFO ShuffledDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO ShuffledDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO ShuffledDStream: Remember interval = 600000 ms
19/02/20 20:12:14 INFO ShuffledDStream: Initialized and validated
org.apache.spark.streaming.dstream.ShuffledDStream@37b5610c
19/02/20 20:12:14 INFO MappedDStream: Slide time = 600000 ms
19/02/20 20:12:14 INFO MappedDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO MappedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO MappedDStream: Remember interval = 600000 ms
19/02/20 20:12:14 INFO MappedDStream: Initialized and validated
org.apache.spark.streaming.dstream.MappedDStream@e384913
19/02/20 20:12:14 INFO TransformedDStream: Slide time = 600000 ms
19/02/20 20:12:14 INFO TransformedDStream: Storage level = Serialized 1x
Replicated
19/02/20 20:12:14 INFO TransformedDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO TransformedDStream: Remember interval = 600000 ms
19/02/20 20:12:14 INFO TransformedDStream: Initialized and validated
org.apache.spark.streaming.dstream.TransformedDStream@15127391
19/02/20 20:12:14 INFO ForEachDStream: Slide time = 600000 ms
19/02/20 20:12:14 INFO ForEachDStream: Storage level = Serialized 1x Replicated
19/02/20 20:12:14 INFO ForEachDStream: Checkpoint interval = null
19/02/20 20:12:14 INFO ForEachDStream: Remember interval = 600000 ms
19/02/20 20:12:14 INFO ForEachDStream: Initialized and validated

org.apache.spark.streaming.dstream.ForEachDStream@582a2e07
19/02/20 20:12:14 INFO RecurringTimer: Started timer for JobGenerator at time 1550673780000
19/02/20 20:12:14 INFO JobGenerator: Started JobGenerator at 1550673780000 ms
19/02/20 20:12:14 INFO JobScheduler: Started JobScheduler
19/02/20 20:12:14 INFO StreamingContext: StreamingContext started
19/02/20 20:13:00 INFO MappedDStream: Time 1550673780000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 60000 ms
19/02/20 20:13:00 INFO FlatMappedDStream: Time 1550673780000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 60000 ms
19/02/20 20:13:00 INFO TransformedDStream: Time 1550673780000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 60000 ms
19/02/20 20:13:00 INFO MappedDStream: Slicing from 1550673240000 ms to 1550673780000 ms (aligned to 1550673240000 ms and 1550673780000 ms)
19/02/20 20:13:00 INFO MappedDStream: Time 1550673720000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 60000 ms and difference is 0 ms
19/02/20 20:13:00 INFO FileInputDStream: Finding new files took 20 ms
19/02/20 20:13:00 INFO FileInputDStream: New files at time 1550673780000 ms: file:/C:/Users/Public/JSON/stocks_price_1550673742.9465368.json
19/02/20 20:13:00 INFO MemoryStore: Block broadcast_0 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:13:00 INFO MemoryStore: Block broadcast_0_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:13:00 INFO BlockManagerInfo: Added broadcast_0_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:13:00 INFO SparkContext: Created broadcast 0 from textFileStream at SparkAnalysesDriver.java:52
19/02/20 20:13:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:13:00 INFO TransformedDStream: Time 1550673780000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 60000 ms
19/02/20 20:13:00 INFO JobScheduler: Added jobs for time 1550673780000 ms
19/02/20 20:13:00 INFO JobScheduler: Starting job streaming job 1550673780000 ms.0 from job set of time 1550673780000 ms
19/02/20 20:13:00 INFO JobScheduler: Finished job streaming job 1550673780000 ms.0 from job set of time 1550673780000 ms
19/02/20 20:13:00 INFO JobScheduler: Total delay: 0.367 s for time 1550673780000 ms (execution: 0.003 s)
19/02/20 20:13:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672580000 ms:
19/02/20 20:13:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672580000 ms:
19/02/20 20:13:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672580000 ms:
19/02/20 20:13:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672580000 ms:
19/02/20 20:13:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672580000 ms:
19/02/20 20:13:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672580000 ms:
19/02/20 20:13:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672580000 ms:
19/02/20 20:13:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:13:00 INFO InputInfoTracker: remove old batch metadata:
19/02/20 20:14:00 INFO MappedDStream: Time 1550673840000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 120000 ms
19/02/20 20:14:00 INFO FlatMappedDStream: Time 1550673840000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 120000 ms
19/02/20 20:14:00 INFO TransformedDStream: Time 1550673840000 ms is invalid as

zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 120000 ms

19/02/20 20:14:00 INFO MappedDStream: Slicing from 1550673300000 ms to 1550673840000 ms (aligned to 1550673300000 ms and 1550673840000 ms)

19/02/20 20:14:00 INFO MappedDStream: Time 1550673720000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 0 ms

19/02/20 20:14:00 INFO FileInputDStream: Finding new files took 11 ms

19/02/20 20:14:00 INFO FileInputDStream: New files at time 1550673840000 ms: file:/C:/Users/Public/JSON/stocks_price_1550673798.152939.json

19/02/20 20:14:00 INFO MemoryStore: Block broadcast_1 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)

19/02/20 20:14:00 INFO MemoryStore: Block broadcast_1_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)

19/02/20 20:14:00 INFO BlockManagerInfo: Added broadcast_1_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)

19/02/20 20:14:00 INFO SparkContext: Created broadcast 1 from textFileStream at SparkAnalysesDriver.java:52

19/02/20 20:14:00 INFO FileInputFormat: Total input paths to process : 1

19/02/20 20:14:00 INFO TransformedDStream: Time 1550673840000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 120000 ms

19/02/20 20:14:00 INFO JobScheduler: Added jobs for time 1550673840000 ms

19/02/20 20:14:00 INFO JobScheduler: Starting job streaming job 1550673840000 ms.0 from job set of time 1550673840000 ms

19/02/20 20:14:00 INFO JobScheduler: Finished job streaming job 1550673840000 ms.0 from job set of time 1550673840000 ms

19/02/20 20:14:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672640000 ms:

19/02/20 20:14:00 INFO JobScheduler: Total delay: 0.054 s for time 1550673840000 ms (execution: 0.000 s)

19/02/20 20:14:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672640000 ms:

19/02/20 20:14:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672640000 ms:

19/02/20 20:14:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672640000 ms:

19/02/20 20:14:00 INFO MapPartitionsRDD: Removing RDD 13 from persistence list

19/02/20 20:14:00 INFO MapPartitionsRDD: Removing RDD 12 from persistence list

19/02/20 20:14:00 INFO BlockManager: Removing RDD 13

19/02/20 20:14:00 INFO BlockManager: Removing RDD 12

19/02/20 20:14:00 INFO ShuffledRDD: Removing RDD 7 from persistence list

19/02/20 20:14:00 INFO MapPartitionsRDD: Removing RDD 6 from persistence list

19/02/20 20:14:00 INFO BlockManager: Removing RDD 7

19/02/20 20:14:00 INFO MapPartitionsRDD: Removing RDD 5 from persistence list

19/02/20 20:14:00 INFO BlockManager: Removing RDD 6

19/02/20 20:14:00 INFO MapPartitionsRDD: Removing RDD 4 from persistence list

19/02/20 20:14:00 INFO BlockManager: Removing RDD 5

19/02/20 20:14:00 INFO BlockManager: Removing RDD 4

19/02/20 20:14:00 INFO UnionRDD: Removing RDD 3 from persistence list

19/02/20 20:14:00 INFO BlockManager: Removing RDD 3

19/02/20 20:14:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672640000 ms:

19/02/20 20:14:00 INFO ShuffledRDD: Removing RDD 9 from persistence list

19/02/20 20:14:00 INFO BlockManager: Removing RDD 9

19/02/20 20:14:00 INFO MapPartitionsRDD: Removing RDD 8 from persistence list

19/02/20 20:14:00 INFO BlockManager: Removing RDD 8

19/02/20 20:14:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672640000 ms:

19/02/20 20:14:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672640000 ms:

19/02/20 20:14:00 INFO ReceivedBlockTracker: Deleting batches:

19/02/20 20:14:00 INFO InputInfoTracker: remove old batch metadata:

19/02/20 20:15:00 INFO MappedDStream: Time 1550673900000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is

180000 ms
19/02/20 20:15:00 INFO FlatMappedDStream: Time 1550673900000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 180000 ms
19/02/20 20:15:00 INFO TransformedDStream: Time 1550673900000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 180000 ms
19/02/20 20:15:00 INFO MappedDStream: Slicing from 1550673360000 ms to 1550673900000 ms (aligned to 1550673360000 ms and 1550673900000 ms)
19/02/20 20:15:00 INFO MappedDStream: Time 1550673720000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 60000 ms and difference is 0 ms
19/02/20 20:15:00 INFO FileInputDStream: Finding new files took 8 ms
19/02/20 20:15:00 INFO FileInputDStream: New files at time 1550673900000 ms: file:/C:/Users/Public/JSON/stocks_price_1550673853.1100776.json
19/02/20 20:15:00 INFO MemoryStore: Block broadcast_2 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:15:00 INFO MemoryStore: Block broadcast_2_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:15:00 INFO BlockManagerInfo: Added broadcast_2_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:15:00 INFO SparkContext: Created broadcast 2 from textFileStream at SparkAnalysesDriver.java:52
19/02/20 20:15:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:15:00 INFO TransformedDStream: Time 1550673900000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 180000 ms
19/02/20 20:15:00 INFO JobScheduler: Added jobs for time 1550673900000 ms
19/02/20 20:15:00 INFO JobScheduler: Starting job streaming job 1550673900000 ms.0 from job set of time 1550673900000 ms
19/02/20 20:15:00 INFO JobScheduler: Finished job streaming job 1550673900000 ms.0 from job set of time 1550673900000 ms
19/02/20 20:15:00 INFO JobScheduler: Total delay: 0.084 s for time 1550673900000 ms (execution: 0.000 s)
19/02/20 20:15:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672700000 ms:
19/02/20 20:15:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672700000 ms:
19/02/20 20:15:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672700000 ms:
19/02/20 20:15:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672700000 ms:
19/02/20 20:15:00 INFO MapPartitionsRDD: Removing RDD 27 from persistence list
19/02/20 20:15:00 INFO MapPartitionsRDD: Removing RDD 26 from persistence list
19/02/20 20:15:00 INFO BlockManager: Removing RDD 27
19/02/20 20:15:00 INFO ShuffledRDD: Removing RDD 21 from persistence list
19/02/20 20:15:00 INFO BlockManager: Removing RDD 21
19/02/20 20:15:00 INFO BlockManager: Removing RDD 26
19/02/20 20:15:00 INFO MapPartitionsRDD: Removing RDD 20 from persistence list
19/02/20 20:15:00 INFO BlockManager: Removing RDD 20
19/02/20 20:15:00 INFO MapPartitionsRDD: Removing RDD 19 from persistence list
19/02/20 20:15:00 INFO BlockManager: Removing RDD 19
19/02/20 20:15:00 INFO MapPartitionsRDD: Removing RDD 18 from persistence list
19/02/20 20:15:00 INFO BlockManager: Removing RDD 18
19/02/20 20:15:00 INFO UnionRDD: Removing RDD 17 from persistence list
19/02/20 20:15:00 INFO BlockManager: Removing RDD 17
19/02/20 20:15:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672700000 ms:
19/02/20 20:15:00 INFO ShuffledRDD: Removing RDD 23 from persistence list
19/02/20 20:15:00 INFO BlockManager: Removing RDD 23
19/02/20 20:15:00 INFO MapPartitionsRDD: Removing RDD 22 from persistence list
19/02/20 20:15:00 INFO BlockManager: Removing RDD 22
19/02/20 20:15:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672700000 ms:
19/02/20 20:15:00 INFO FileInputDStream: Cleared 0 old files that were older

than 1550672700000 ms:
19/02/20 20:15:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:15:00 INFO InputInfoTracker: remove old batch metadata:
19/02/20 20:16:00 INFO MappedDStream: Time 1550673960000 ms is invalid as
zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is
240000 ms
19/02/20 20:16:00 INFO FlatMappedDStream: Time 1550673960000 ms is invalid as
zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is
240000 ms
19/02/20 20:16:00 INFO TransformedDStream: Time 1550673960000 ms is invalid as
zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is
240000 ms
19/02/20 20:16:00 INFO MappedDStream: Slicing from 1550673420000 ms to
1550673960000 ms (aligned to 1550673420000 ms and 1550673960000 ms)
19/02/20 20:16:00 INFO MappedDStream: Time 1550673720000 ms is invalid as
zeroTime is 1550673720000 ms , slideDuration is 60000 ms and difference is 0 ms
19/02/20 20:16:00 INFO FileInputDStream: Finding new files took 9 ms
19/02/20 20:16:00 INFO FileInputDStream: New files at time 1550673960000 ms:
file:/C:/Users/Public/JSON/stocks_price_1550673910.1783664.json
19/02/20 20:16:00 INFO MemoryStore: Block broadcast_3 stored as values in memory
(estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:16:00 INFO MemoryStore: Block broadcast_3_piece0 stored as bytes in
memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:16:00 INFO BlockManagerInfo: Added broadcast_3_piece0 in memory on
192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:16:00 INFO SparkContext: Created broadcast 3 from textFileStream at
SparkAnalysesDriver.java:52
19/02/20 20:16:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:16:00 INFO TransformedDStream: Time 1550673960000 ms is invalid as
zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is
240000 ms
19/02/20 20:16:00 INFO JobScheduler: Added jobs for time 1550673960000 ms
19/02/20 20:16:00 INFO JobScheduler: Starting job streaming job 1550673960000
ms.0 from job set of time 1550673960000 ms
19/02/20 20:16:00 INFO JobScheduler: Finished job streaming job 1550673960000
ms.0 from job set of time 1550673960000 ms
19/02/20 20:16:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550672760000 ms:
19/02/20 20:16:00 INFO JobScheduler: Total delay: 0.085 s for time 1550673960000
ms (execution: 0.000 s)
19/02/20 20:16:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550672760000 ms:
19/02/20 20:16:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550672760000 ms:
19/02/20 20:16:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550672760000 ms:
19/02/20 20:16:00 INFO MapPartitionsRDD: Removing RDD 41 from persistence list
19/02/20 20:16:00 INFO BlockManager: Removing RDD 41
19/02/20 20:16:00 INFO MapPartitionsRDD: Removing RDD 40 from persistence list
19/02/20 20:16:00 INFO BlockManager: Removing RDD 40
19/02/20 20:16:00 INFO ShuffledRDD: Removing RDD 35 from persistence list
19/02/20 20:16:00 INFO BlockManager: Removing RDD 35
19/02/20 20:16:00 INFO MapPartitionsRDD: Removing RDD 34 from persistence list
19/02/20 20:16:00 INFO BlockManager: Removing RDD 34
19/02/20 20:16:00 INFO MapPartitionsRDD: Removing RDD 33 from persistence list
19/02/20 20:16:00 INFO BlockManager: Removing RDD 33
19/02/20 20:16:00 INFO MapPartitionsRDD: Removing RDD 32 from persistence list
19/02/20 20:16:00 INFO BlockManager: Removing RDD 32
19/02/20 20:16:00 INFO UnionRDD: Removing RDD 31 from persistence list
19/02/20 20:16:00 INFO BlockManager: Removing RDD 31
19/02/20 20:16:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550672760000 ms:
19/02/20 20:16:00 INFO ShuffledRDD: Removing RDD 37 from persistence list
19/02/20 20:16:00 INFO BlockManager: Removing RDD 37

19/02/20 20:16:00 INFO MapPartitionsRDD: Removing RDD 36 from persistence list
19/02/20 20:16:00 INFO BlockManager: Removing RDD 36
19/02/20 20:16:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672760000 ms:
19/02/20 20:16:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672760000 ms:
19/02/20 20:16:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:16:00 INFO InputInfoTracker: remove old batch metadata:
19/02/20 20:17:00 INFO MappedDStream: Slicing from 1550673480000 ms to 1550674020000 ms (aligned to 1550673480000 ms and 1550674020000 ms)
19/02/20 20:17:00 INFO MappedDStream: Time 1550673720000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 60000 ms and difference is 0 ms
19/02/20 20:17:00 INFO FileInputDStream: Finding new files took 8 ms
19/02/20 20:17:00 INFO FileInputDStream: New files at time 1550674020000 ms: file:/C:/Users/Public/JSON/stocks_price_1550673966.2260015.json
19/02/20 20:17:00 INFO MemoryStore: Block broadcast_4 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:17:00 INFO MemoryStore: Block broadcast_4_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:17:00 INFO BlockManagerInfo: Added broadcast_4_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:17:00 INFO SparkContext: Created broadcast 4 from textFileStream at SparkAnalysesDriver.java:52
19/02/20 20:17:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:17:00 INFO SparkContext: Starting job: sortByKey at MaximumProfitStock.java:141
19/02/20 20:17:00 INFO DAGScheduler: Registering RDD 67 (mapToPair at MaximumProfitStock.java:43)
19/02/20 20:17:00 INFO DAGScheduler: Registering RDD 69 (mapToPair at MaximumProfitStock.java:94)
19/02/20 20:17:00 INFO DAGScheduler: Registering RDD 64 (mapToPair at MaximumProfitStock.java:26)
19/02/20 20:17:00 INFO DAGScheduler: Registering RDD 66 (mapToPair at MaximumProfitStock.java:75)
19/02/20 20:17:00 INFO DAGScheduler: Got job 0 (sortByKey at MaximumProfitStock.java:141) with 8 output partitions
19/02/20 20:17:00 INFO DAGScheduler: Final stage: ResultStage 4 (sortByKey at MaximumProfitStock.java:141)
19/02/20 20:17:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 1, ShuffleMapStage 3)
19/02/20 20:17:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 1, ShuffleMapStage 3)
19/02/20 20:17:00 INFO DAGScheduler: Submitting ShuffleMapStage 0 (MapPartitionsRDD[67] at mapToPair at MaximumProfitStock.java:43), which has no missing parents
19/02/20 20:17:00 INFO MemoryStore: Block broadcast_5 stored as values in memory (estimated size 8.1 KB, free 2.2 GB)
19/02/20 20:17:00 INFO MemoryStore: Block broadcast_5_piece0 stored as bytes in memory (estimated size 4.2 KB, free 2.2 GB)
19/02/20 20:17:00 INFO BlockManagerInfo: Added broadcast_5_piece0 in memory on 192.168.56.1:56546 (size: 4.2 KB, free: 2.2 GB)
19/02/20 20:17:00 INFO SparkContext: Created broadcast 5 from broadcast at DAGScheduler.scala:1006
19/02/20 20:17:00 INFO DAGScheduler: Submitting 5 missing tasks from ShuffleMapStage 0 (MapPartitionsRDD[67] at mapToPair at MaximumProfitStock.java:43) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4))
19/02/20 20:17:00 INFO TaskSchedulerImpl: Adding task set 0.0 with 5 tasks
19/02/20 20:17:00 INFO DAGScheduler: Submitting ShuffleMapStage 2 (MapPartitionsRDD[64] at mapToPair at MaximumProfitStock.java:26), which has no missing parents
19/02/20 20:17:00 INFO MemoryStore: Block broadcast_6 stored as values in memory (estimated size 8.1 KB, free 2.2 GB)
19/02/20 20:17:00 INFO MemoryStore: Block broadcast_6_piece0 stored as bytes in

memory (estimated size 4.2 KB, free 2.2 GB)
19/02/20 20:17:00 INFO BlockManagerInfo: Added broadcast_6_piece0 in memory on 192.168.56.1:56546 (size: 4.2 KB, free: 2.2 GB)
19/02/20 20:17:00 INFO SparkContext: Created broadcast 6 from broadcast at DAGScheduler.scala:1006
19/02/20 20:17:00 INFO DAGScheduler: Submitting 5 missing tasks from ShuffleMapStage 2 (MapPartitionsRDD[64] at mapToPair at MaximumProfitStock.java:26) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4))
19/02/20 20:17:00 INFO TaskSchedulerImpl: Adding task set 2.0 with 5 tasks
19/02/20 20:17:00 INFO TaskSetManager: Starting task 0.0 in stage 0.0 (TID 0, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 1.0 in stage 0.0 (TID 1, localhost, executor driver, partition 1, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 2.0 in stage 0.0 (TID 2, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 3.0 in stage 0.0 (TID 3, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 4.0 in stage 0.0 (TID 4, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:17:00 INFO Executor: Running task 1.0 in stage 0.0 (TID 1)
19/02/20 20:17:00 INFO Executor: Running task 2.0 in stage 0.0 (TID 2)
19/02/20 20:17:00 INFO Executor: Running task 4.0 in stage 0.0 (TID 4)
19/02/20 20:17:00 INFO Executor: Running task 3.0 in stage 0.0 (TID 3)
19/02/20 20:17:00 INFO Executor: Running task 0.0 in stage 0.0 (TID 0)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 0.0 in stage 2.0 (TID 5, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 1.0 in stage 2.0 (TID 6, localhost, executor driver, partition 1, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 2.0 in stage 2.0 (TID 7, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:17:00 INFO Executor: Running task 0.0 in stage 2.0 (TID 5)
19/02/20 20:17:00 INFO Executor: Running task 2.0 in stage 2.0 (TID 7)
19/02/20 20:17:00 INFO Executor: Running task 1.0 in stage 2.0 (TID 6)
19/02/20 20:17:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550673966.2260015.json:0+681
19/02/20 20:17:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550673798.152939.json:0+682
19/02/20 20:17:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550673853.1100776.json:0+682
19/02/20 20:17:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550673910.1783664.json:0+682
19/02/20 20:17:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550673742.9465368.json:0+682
19/02/20 20:17:00 INFO MemoryStore: Block rdd_44_0 stored as bytes in memory (estimated size 686.0 B, free 2.2 GB)
19/02/20 20:17:00 INFO MemoryStore: Block rdd_16_0 stored as bytes in memory (estimated size 686.0 B, free 2.2 GB)
19/02/20 20:17:00 INFO MemoryStore: Block rdd_58_0 stored as bytes in memory (estimated size 685.0 B, free 2.2 GB)
19/02/20 20:17:00 INFO MemoryStore: Block rdd_2_0 stored as bytes in memory (estimated size 686.0 B, free 2.2 GB)
19/02/20 20:17:00 INFO MemoryStore: Block rdd_30_0 stored as bytes in memory (estimated size 686.0 B, free 2.2 GB)
19/02/20 20:17:00 INFO BlockManagerInfo: Added rdd_44_0 in memory on 192.168.56.1:56546 (size: 686.0 B, free: 2.2 GB)
19/02/20 20:17:00 INFO BlockManagerInfo: Added rdd_16_0 in memory on 192.168.56.1:56546 (size: 686.0 B, free: 2.2 GB)
19/02/20 20:17:00 INFO BlockManagerInfo: Added rdd_58_0 in memory on 192.168.56.1:56546 (size: 685.0 B, free: 2.2 GB)
19/02/20 20:17:00 INFO BlockManagerInfo: Added rdd_2_0 in memory on 192.168.56.1:56546 (size: 686.0 B, free: 2.2 GB)
19/02/20 20:17:00 INFO BlockManagerInfo: Added rdd_30_0 in memory on 192.168.56.1:56546 (size: 686.0 B, free: 2.2 GB)

19/02/20 20:17:00 WARN BlockManager: Block rdd_2_0 already exists on this machine; not re-adding it
19/02/20 20:17:00 WARN BlockManager: Block rdd_16_0 already exists on this machine; not re-adding it
19/02/20 20:17:00 WARN BlockManager: Block rdd_30_0 already exists on this machine; not re-adding it
19/02/20 20:17:00 INFO Executor: Finished task 1.0 in stage 2.0 (TID 6). 1091 bytes result sent to driver
19/02/20 20:17:00 INFO Executor: Finished task 2.0 in stage 0.0 (TID 2). 1005 bytes result sent to driver
19/02/20 20:17:00 INFO Executor: Finished task 0.0 in stage 2.0 (TID 5). 1048 bytes result sent to driver
19/02/20 20:17:00 INFO Executor: Finished task 1.0 in stage 0.0 (TID 1). 1745 bytes result sent to driver
19/02/20 20:17:00 INFO Executor: Finished task 2.0 in stage 2.0 (TID 7). 1788 bytes result sent to driver
19/02/20 20:17:00 INFO Executor: Finished task 0.0 in stage 0.0 (TID 0). 1745 bytes result sent to driver
19/02/20 20:17:00 INFO Executor: Finished task 4.0 in stage 0.0 (TID 4). 1745 bytes result sent to driver
19/02/20 20:17:00 INFO Executor: Finished task 3.0 in stage 0.0 (TID 3). 1745 bytes result sent to driver
19/02/20 20:17:00 INFO TaskSetManager: Starting task 3.0 in stage 2.0 (TID 8, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:17:00 INFO Executor: Running task 3.0 in stage 2.0 (TID 8)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 4.0 in stage 2.0 (TID 9, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:17:00 INFO Executor: Running task 4.0 in stage 2.0 (TID 9)
19/02/20 20:17:00 INFO BlockManager: Found block rdd_58_0 locally
19/02/20 20:17:00 INFO BlockManager: Found block rdd_44_0 locally
19/02/20 20:17:00 INFO Executor: Finished task 4.0 in stage 2.0 (TID 9). 1005 bytes result sent to driver
19/02/20 20:17:00 INFO Executor: Finished task 3.0 in stage 2.0 (TID 8). 1005 bytes result sent to driver
19/02/20 20:17:00 INFO TaskSetManager: Finished task 2.0 in stage 0.0 (TID 2) in 159 ms on localhost (executor driver) (1/5)
19/02/20 20:17:00 INFO TaskSetManager: Finished task 1.0 in stage 2.0 (TID 6) in 153 ms on localhost (executor driver) (1/5)
19/02/20 20:17:00 INFO TaskSetManager: Finished task 0.0 in stage 2.0 (TID 5) in 155 ms on localhost (executor driver) (2/5)
19/02/20 20:17:00 INFO TaskSetManager: Finished task 4.0 in stage 0.0 (TID 4) in 161 ms on localhost (executor driver) (2/5)
19/02/20 20:17:00 INFO TaskSetManager: Finished task 1.0 in stage 0.0 (TID 1) in 161 ms on localhost (executor driver) (3/5)
19/02/20 20:17:00 INFO TaskSetManager: Finished task 0.0 in stage 0.0 (TID 0) in 171 ms on localhost (executor driver) (4/5)
19/02/20 20:17:00 INFO TaskSetManager: Finished task 2.0 in stage 2.0 (TID 7) in 154 ms on localhost (executor driver) (3/5)
19/02/20 20:17:00 INFO TaskSetManager: Finished task 3.0 in stage 2.0 (TID 8) in 24 ms on localhost (executor driver) (4/5)
19/02/20 20:17:00 INFO TaskSetManager: Finished task 3.0 in stage 0.0 (TID 3) in 162 ms on localhost (executor driver) (5/5)
19/02/20 20:17:00 INFO TaskSchedulerImpl: Removed TaskSet 0.0, whose tasks have all completed, from pool
19/02/20 20:17:00 INFO TaskSetManager: Finished task 4.0 in stage 2.0 (TID 9) in 24 ms on localhost (executor driver) (5/5)
19/02/20 20:17:00 INFO TaskSchedulerImpl: Removed TaskSet 2.0, whose tasks have all completed, from pool
19/02/20 20:17:00 INFO DAGScheduler: ShuffleMapStage 0 (mapToPair at MaximumProfitStock.java:43) finished in 0.185 s
19/02/20 20:17:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:17:00 INFO DAGScheduler: running: Set(ShuffleMapStage 2)
19/02/20 20:17:00 INFO DAGScheduler: waiting: Set(ShuffleMapStage 1, ShuffleMapStage 3, ResultStage 4)

19/02/20 20:17:00 INFO DAGScheduler: failed: Set()
19/02/20 20:17:00 INFO DAGScheduler: Submitting ShuffleMapStage 1
(MapPartitionsRDD[69] at mapToPair at MaximumProfitStock.java:94), which has no
missing parents
19/02/20 20:17:00 INFO MemoryStore: Block broadcast_7 stored as values in memory
(estimated size 4.7 KB, free 2.2 GB)
19/02/20 20:17:00 INFO MemoryStore: Block broadcast_7_piece0 stored as bytes in
memory (estimated size 2.7 KB, free 2.2 GB)
19/02/20 20:17:00 INFO BlockManagerInfo: Added broadcast_7_piece0 in memory on
192.168.56.1:56546 (size: 2.7 KB, free: 2.2 GB)
19/02/20 20:17:00 INFO SparkContext: Created broadcast 7 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:17:00 INFO DAGScheduler: Submitting 8 missing tasks from
ShuffleMapStage 1 (MapPartitionsRDD[69] at mapToPair at
MaximumProfitStock.java:94) (first 15 tasks are for partitions Vector(0, 1, 2,
3, 4, 5, 6, 7))
19/02/20 20:17:00 INFO TaskSchedulerImpl: Adding task set 1.0 with 8 tasks
19/02/20 20:17:00 INFO DAGScheduler: ShuffleMapStage 2 (mapToPair at
MaximumProfitStock.java:26) finished in 0.185 s
19/02/20 20:17:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:17:00 INFO DAGScheduler: running: Set(ShuffleMapStage 1)
19/02/20 20:17:00 INFO DAGScheduler: waiting: Set(ShuffleMapStage 3, ResultStage
4)
19/02/20 20:17:00 INFO DAGScheduler: failed: Set()
19/02/20 20:17:00 INFO TaskSetManager: Starting task 0.0 in stage 1.0 (TID 10,
localhost, executor driver, partition 0, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 1.0 in stage 1.0 (TID 11,
localhost, executor driver, partition 1, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:17:00 INFO DAGScheduler: Submitting ShuffleMapStage 3
(MapPartitionsRDD[66] at mapToPair at MaximumProfitStock.java:75), which has no
missing parents
19/02/20 20:17:00 INFO TaskSetManager: Starting task 2.0 in stage 1.0 (TID 12,
localhost, executor driver, partition 2, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 3.0 in stage 1.0 (TID 13,
localhost, executor driver, partition 3, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 5.0 in stage 1.0 (TID 14,
localhost, executor driver, partition 5, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 7.0 in stage 1.0 (TID 15,
localhost, executor driver, partition 7, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 4.0 in stage 1.0 (TID 16,
localhost, executor driver, partition 4, ANY, 4610 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 6.0 in stage 1.0 (TID 17,
localhost, executor driver, partition 6, ANY, 4610 bytes)
19/02/20 20:17:00 INFO Executor: Running task 1.0 in stage 1.0 (TID 11)
19/02/20 20:17:00 INFO Executor: Running task 7.0 in stage 1.0 (TID 15)
19/02/20 20:17:00 INFO Executor: Running task 3.0 in stage 1.0 (TID 13)
19/02/20 20:17:00 INFO Executor: Running task 0.0 in stage 1.0 (TID 10)
19/02/20 20:17:00 INFO MemoryStore: Block broadcast_8 stored as values in memory
(estimated size 4.7 KB, free 2.2 GB)
19/02/20 20:17:00 INFO Executor: Running task 6.0 in stage 1.0 (TID 17)
19/02/20 20:17:00 INFO Executor: Running task 5.0 in stage 1.0 (TID 14)
19/02/20 20:17:00 INFO Executor: Running task 4.0 in stage 1.0 (TID 16)
19/02/20 20:17:00 INFO MemoryStore: Block broadcast_8_piece0 stored as bytes in
memory (estimated size 2.7 KB, free 2.2 GB)
19/02/20 20:17:00 INFO Executor: Running task 2.0 in stage 1.0 (TID 12)
19/02/20 20:17:00 INFO BlockManagerInfo: Added broadcast_8_piece0 in memory on
192.168.56.1:56546 (size: 2.7 KB, free: 2.2 GB)
19/02/20 20:17:00 INFO SparkContext: Created broadcast 8 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:17:00 INFO DAGScheduler: Submitting 8 missing tasks from
ShuffleMapStage 3 (MapPartitionsRDD[66] at mapToPair at
MaximumProfitStock.java:75) (first 15 tasks are for partitions Vector(0, 1, 2,
3, 4, 5, 6, 7))
19/02/20 20:17:00 INFO TaskSchedulerImpl: Adding task set 3.0 with 8 tasks

19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 5 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 5 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 5 non-empty blocks out of 5 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 5 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 5 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 5 non-empty blocks out of 5 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 5 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 5 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 4 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 4 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 3 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 3 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 4 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 4 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 4 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 4 ms
19/02/20 20:17:00 INFO Executor: Finished task 7.0 in stage 1.0 (TID 15). 1048 bytes result sent to driver
19/02/20 20:17:00 INFO Executor: Finished task 1.0 in stage 1.0 (TID 11). 1048 bytes result sent to driver
19/02/20 20:17:00 INFO TaskSetManager: Starting task 0.0 in stage 3.0 (TID 18, localhost, executor driver, partition 0, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 1.0 in stage 3.0 (TID 19, localhost, executor driver, partition 1, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Finished task 7.0 in stage 1.0 (TID 15) in 43 ms on localhost (executor driver) (1/8)
19/02/20 20:17:00 INFO Executor: Running task 1.0 in stage 3.0 (TID 19)
19/02/20 20:17:00 INFO TaskSetManager: Finished task 1.0 in stage 1.0 (TID 11) in 45 ms on localhost (executor driver) (2/8)
19/02/20 20:17:00 INFO Executor: Finished task 3.0 in stage 1.0 (TID 13). 1048 bytes result sent to driver
19/02/20 20:17:00 INFO Executor: Finished task 2.0 in stage 1.0 (TID 12). 1048 bytes result sent to driver
19/02/20 20:17:00 INFO Executor: Running task 0.0 in stage 3.0 (TID 18)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 2.0 in stage 3.0 (TID 20, localhost, executor driver, partition 2, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 5 blocks
19/02/20 20:17:00 INFO Executor: Running task 2.0 in stage 3.0 (TID 20)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 3.0 in stage 3.0 (TID 21, localhost, executor driver, partition 3, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 5 blocks
19/02/20 20:17:00 INFO TaskSetManager: Finished task 3.0 in stage 1.0 (TID 13) in 48 ms on localhost (executor driver) (3/8)
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in

0 ms
19/02/20 20:17:00 INFO TaskSetManager: Finished task 2.0 in stage 1.0 (TID 12) in 50 ms on localhost (executor driver) (4/8)
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 5 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:00 INFO Executor: Finished task 0.0 in stage 1.0 (TID 10). 1048 bytes result sent to driver
19/02/20 20:17:00 INFO Executor: Running task 3.0 in stage 3.0 (TID 21)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 5.0 in stage 3.0 (TID 22, localhost, executor driver, partition 5, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 5 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:00 INFO Executor: Running task 5.0 in stage 3.0 (TID 22)
19/02/20 20:17:00 INFO TaskSetManager: Finished task 0.0 in stage 1.0 (TID 10) in 56 ms on localhost (executor driver) (5/8)
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 5 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 2 ms
19/02/20 20:17:00 INFO Executor: Finished task 1.0 in stage 3.0 (TID 19). 1048 bytes result sent to driver
19/02/20 20:17:00 INFO Executor: Finished task 5.0 in stage 1.0 (TID 14). 1048 bytes result sent to driver
19/02/20 20:17:00 INFO Executor: Finished task 0.0 in stage 3.0 (TID 18). 1005 bytes result sent to driver
19/02/20 20:17:00 INFO TaskSetManager: Starting task 7.0 in stage 3.0 (TID 23, localhost, executor driver, partition 7, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 4.0 in stage 3.0 (TID 24, localhost, executor driver, partition 4, ANY, 4610 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 6.0 in stage 3.0 (TID 25, localhost, executor driver, partition 6, ANY, 4610 bytes)
19/02/20 20:17:00 INFO Executor: Finished task 2.0 in stage 3.0 (TID 20). 1048 bytes result sent to driver
19/02/20 20:17:00 INFO Executor: Running task 4.0 in stage 3.0 (TID 24)
19/02/20 20:17:00 INFO Executor: Running task 7.0 in stage 3.0 (TID 23)
19/02/20 20:17:00 INFO TaskSetManager: Finished task 1.0 in stage 3.0 (TID 19) in 21 ms on localhost (executor driver) (1/8)
19/02/20 20:17:00 INFO TaskSetManager: Finished task 5.0 in stage 1.0 (TID 14) in 65 ms on localhost (executor driver) (6/8)
19/02/20 20:17:00 INFO TaskSetManager: Finished task 0.0 in stage 3.0 (TID 18) in 23 ms on localhost (executor driver) (2/8)
19/02/20 20:17:00 INFO Executor: Running task 6.0 in stage 3.0 (TID 25)
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 5 non-empty blocks out of 5 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 5 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 5 non-empty blocks out of 5 blocks
19/02/20 20:17:00 INFO TaskSetManager: Finished task 2.0 in stage 3.0 (TID 20) in 22 ms on localhost (executor driver) (3/8)
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:00 INFO Executor: Finished task 3.0 in stage 3.0 (TID 21). 1005 bytes result sent to driver
19/02/20 20:17:00 INFO TaskSetManager: Finished task 3.0 in stage 3.0 (TID 21) in 26 ms on localhost (executor driver) (4/8)

19/02/20 20:17:00 INFO Executor: Finished task 4.0 in stage 1.0 (TID 16). 1177 bytes result sent to driver
19/02/20 20:17:00 INFO Executor: Finished task 6.0 in stage 1.0 (TID 17). 1177 bytes result sent to driver
19/02/20 20:17:00 INFO Executor: Finished task 5.0 in stage 3.0 (TID 22). 1048 bytes result sent to driver
19/02/20 20:17:00 INFO TaskSetManager: Finished task 4.0 in stage 1.0 (TID 16) in 76 ms on localhost (executor driver) (7/8)
19/02/20 20:17:00 INFO TaskSetManager: Finished task 6.0 in stage 1.0 (TID 17) in 78 ms on localhost (executor driver) (8/8)
19/02/20 20:17:00 INFO TaskSchedulerImpl: Removed TaskSet 1.0, whose tasks have all completed, from pool
19/02/20 20:17:00 INFO TaskSetManager: Finished task 5.0 in stage 3.0 (TID 22) in 26 ms on localhost (executor driver) (5/8)
19/02/20 20:17:00 INFO DAGScheduler: ShuffleMapStage 1 (mapToPair at MaximumProfitStock.java:94) finished in 0.081 s
19/02/20 20:17:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:17:00 INFO DAGScheduler: running: Set(ShuffleMapStage 3)
19/02/20 20:17:00 INFO DAGScheduler: waiting: Set(ResultStage 4)
19/02/20 20:17:00 INFO DAGScheduler: failed: Set()
19/02/20 20:17:00 INFO Executor: Finished task 7.0 in stage 3.0 (TID 23). 1048 bytes result sent to driver
19/02/20 20:17:00 INFO TaskSetManager: Finished task 7.0 in stage 3.0 (TID 23) in 22 ms on localhost (executor driver) (6/8)
19/02/20 20:17:00 INFO Executor: Finished task 6.0 in stage 3.0 (TID 25). 1177 bytes result sent to driver
19/02/20 20:17:00 INFO Executor: Finished task 4.0 in stage 3.0 (TID 24). 1177 bytes result sent to driver
19/02/20 20:17:00 INFO TaskSetManager: Finished task 6.0 in stage 3.0 (TID 25) in 28 ms on localhost (executor driver) (7/8)
19/02/20 20:17:00 INFO TaskSetManager: Finished task 4.0 in stage 3.0 (TID 24) in 29 ms on localhost (executor driver) (8/8)
19/02/20 20:17:00 INFO TaskSchedulerImpl: Removed TaskSet 3.0, whose tasks have all completed, from pool
19/02/20 20:17:00 INFO DAGScheduler: ShuffleMapStage 3 (mapToPair at MaximumProfitStock.java:75) finished in 0.081 s
19/02/20 20:17:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:17:00 INFO DAGScheduler: running: Set()
19/02/20 20:17:00 INFO DAGScheduler: waiting: Set(ResultStage 4)
19/02/20 20:17:00 INFO DAGScheduler: failed: Set()
19/02/20 20:17:00 INFO DAGScheduler: Submitting ResultStage 4 (MapPartitionsRDD[76] at sortByKey at MaximumProfitStock.java:141), which has no missing parents
19/02/20 20:17:00 INFO MemoryStore: Block broadcast_9 stored as values in memory (estimated size 5.6 KB, free 2.2 GB)
19/02/20 20:17:00 INFO MemoryStore: Block broadcast_9_piece0 stored as bytes in memory (estimated size 3.0 KB, free 2.2 GB)
19/02/20 20:17:00 INFO BlockManagerInfo: Added broadcast_9_piece0 in memory on 192.168.56.1:56546 (size: 3.0 KB, free: 2.2 GB)
19/02/20 20:17:00 INFO SparkContext: Created broadcast 9 from broadcast at DAGScheduler.scala:1006
19/02/20 20:17:00 INFO DAGScheduler: Submitting 8 missing tasks from ResultStage 4 (MapPartitionsRDD[76] at sortByKey at MaximumProfitStock.java:141) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7))
19/02/20 20:17:00 INFO TaskSchedulerImpl: Adding task set 4.0 with 8 tasks
19/02/20 20:17:00 INFO TaskSetManager: Starting task 0.0 in stage 4.0 (TID 26, localhost, executor driver, partition 0, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 1.0 in stage 4.0 (TID 27, localhost, executor driver, partition 1, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 2.0 in stage 4.0 (TID 28, localhost, executor driver, partition 2, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 3.0 in stage 4.0 (TID 29, localhost, executor driver, partition 3, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 4.0 in stage 4.0 (TID 30,

localhost, executor driver, partition 4, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 5.0 in stage 4.0 (TID 31, localhost, executor driver, partition 5, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 6.0 in stage 4.0 (TID 32, localhost, executor driver, partition 6, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 7.0 in stage 4.0 (TID 33, localhost, executor driver, partition 7, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:17:00 INFO Executor: Running task 2.0 in stage 4.0 (TID 28)
19/02/20 20:17:00 INFO Executor: Running task 0.0 in stage 4.0 (TID 26)
19/02/20 20:17:00 INFO Executor: Running task 4.0 in stage 4.0 (TID 30)
19/02/20 20:17:00 INFO Executor: Running task 7.0 in stage 4.0 (TID 33)
19/02/20 20:17:00 INFO Executor: Running task 3.0 in stage 4.0 (TID 29)
19/02/20 20:17:00 INFO Executor: Running task 6.0 in stage 4.0 (TID 32)
19/02/20 20:17:00 INFO Executor: Running task 1.0 in stage 4.0 (TID 27)
19/02/20 20:17:00 INFO Executor: Running task 5.0 in stage 4.0 (TID 31)
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 3 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks

out of 8 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 7 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 5 ms
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:17:00 INFO Executor: Finished task 1.0 in stage 4.0 (TID 27). 1040 bytes result sent to driver
19/02/20 20:17:00 INFO TaskSetManager: Finished task 1.0 in stage 4.0 (TID 27) in 27 ms on localhost (executor driver) (1/8)
19/02/20 20:17:00 INFO Executor: Finished task 7.0 in stage 4.0 (TID 33). 1040 bytes result sent to driver
19/02/20 20:17:00 INFO Executor: Finished task 3.0 in stage 4.0 (TID 29). 1040 bytes result sent to driver
19/02/20 20:17:00 INFO TaskSetManager: Finished task 7.0 in stage 4.0 (TID 33) in 28 ms on localhost (executor driver) (2/8)
19/02/20 20:17:00 INFO Executor: Finished task 5.0 in stage 4.0 (TID 31). 1083 bytes result sent to driver
19/02/20 20:17:00 INFO TaskSetManager: Finished task 3.0 in stage 4.0 (TID 29) in 29 ms on localhost (executor driver) (3/8)
19/02/20 20:17:00 INFO Executor: Finished task 0.0 in stage 4.0 (TID 26). 1040 bytes result sent to driver
19/02/20 20:17:00 INFO Executor: Finished task 4.0 in stage 4.0 (TID 30). 1067 bytes result sent to driver
19/02/20 20:17:00 INFO TaskSetManager: Finished task 5.0 in stage 4.0 (TID 31) in 30 ms on localhost (executor driver) (4/8)
19/02/20 20:17:00 INFO Executor: Finished task 2.0 in stage 4.0 (TID 28). 997 bytes result sent to driver
19/02/20 20:17:00 INFO TaskSetManager: Finished task 0.0 in stage 4.0 (TID 26) in 33 ms on localhost (executor driver) (5/8)
19/02/20 20:17:00 INFO Executor: Finished task 6.0 in stage 4.0 (TID 32). 1049 bytes result sent to driver
19/02/20 20:17:00 INFO TaskSetManager: Finished task 4.0 in stage 4.0 (TID 30) in 31 ms on localhost (executor driver) (6/8)
19/02/20 20:17:00 INFO TaskSetManager: Finished task 2.0 in stage 4.0 (TID 28) in 32 ms on localhost (executor driver) (7/8)
19/02/20 20:17:00 INFO TaskSetManager: Finished task 6.0 in stage 4.0 (TID 32) in 31 ms on localhost (executor driver) (8/8)
19/02/20 20:17:00 INFO TaskSchedulerImpl: Removed TaskSet 4.0, whose tasks have all completed, from pool
19/02/20 20:17:00 INFO DAGScheduler: ResultStage 4 (sortByKey at MaximumProfitStock.java:141) finished in 0.034 s
19/02/20 20:17:00 INFO DAGScheduler: Job 0 finished: sortByKey at MaximumProfitStock.java:141, took 0.412643 s
19/02/20 20:17:00 INFO MappedDStream: Slicing from 1550673480000 ms to 1550674020000 ms (aligned to 1550673480000 ms and 1550674020000 ms)
19/02/20 20:17:00 INFO MappedDStream: Time 1550673720000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 60000 ms and difference is 0 ms
19/02/20 20:17:00 INFO TransformedDStream: Time 1550674020000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 60000 ms and difference is 300000 ms
19/02/20 20:17:00 INFO JobScheduler: Added jobs for time 1550674020000 ms
19/02/20 20:17:00 INFO JobScheduler: Starting job streaming job 1550674020000 ms.0 from job set of time 1550674020000 ms
19/02/20 20:17:00 INFO SparkContext: Starting job: saveAsTextFile at

SimpleMovingAvgClosingPrice.java:59
19/02/20 20:17:00 INFO DAGScheduler: Registering RDD 61 (mapToPair at SimpleMovingAvgClosingPrice.java:30)
19/02/20 20:17:00 INFO DAGScheduler: Got job 1 (saveAsTextFile at SimpleMovingAvgClosingPrice.java:59) with 1 output partitions
19/02/20 20:17:00 INFO DAGScheduler: Final stage: ResultStage 6 (saveAsTextFile at SimpleMovingAvgClosingPrice.java:59)
19/02/20 20:17:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 5)
19/02/20 20:17:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 5)
19/02/20 20:17:00 INFO DAGScheduler: Submitting ShuffleMapStage 5 (MapPartitionsRDD[61] at mapToPair at SimpleMovingAvgClosingPrice.java:30), which has no missing parents
19/02/20 20:17:00 INFO MemoryStore: Block broadcast_10 stored as values in memory (estimated size 8.2 KB, free 2.2 GB)
19/02/20 20:17:00 INFO MemoryStore: Block broadcast_10_piece0 stored as bytes in memory (estimated size 4.2 KB, free 2.2 GB)
19/02/20 20:17:00 INFO BlockManagerInfo: Added broadcast_10_piece0 in memory on 192.168.56.1:56546 (size: 4.2 KB, free: 2.2 GB)
19/02/20 20:17:00 INFO SparkContext: Created broadcast 10 from broadcast at DAGScheduler.scala:1006
19/02/20 20:17:00 INFO DAGScheduler: Submitting 5 missing tasks from ShuffleMapStage 5 (MapPartitionsRDD[61] at mapToPair at SimpleMovingAvgClosingPrice.java:30) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4))
19/02/20 20:17:00 INFO TaskSchedulerImpl: Adding task set 5.0 with 5 tasks
19/02/20 20:17:00 INFO TaskSetManager: Starting task 0.0 in stage 5.0 (TID 34, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 1.0 in stage 5.0 (TID 35, localhost, executor driver, partition 1, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 2.0 in stage 5.0 (TID 36, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 3.0 in stage 5.0 (TID 37, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:17:00 INFO TaskSetManager: Starting task 4.0 in stage 5.0 (TID 38, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:17:00 INFO Executor: Running task 2.0 in stage 5.0 (TID 36)
19/02/20 20:17:00 INFO Executor: Running task 4.0 in stage 5.0 (TID 38)
19/02/20 20:17:00 INFO Executor: Running task 3.0 in stage 5.0 (TID 37)
19/02/20 20:17:00 INFO Executor: Running task 0.0 in stage 5.0 (TID 34)
19/02/20 20:17:00 INFO Executor: Running task 1.0 in stage 5.0 (TID 35)
19/02/20 20:17:00 INFO BlockManager: Found block rdd_44_0 locally
19/02/20 20:17:00 INFO BlockManager: Found block rdd_16_0 locally
19/02/20 20:17:00 INFO BlockManager: Found block rdd_58_0 locally
19/02/20 20:17:00 INFO BlockManager: Found block rdd_30_0 locally
19/02/20 20:17:00 INFO BlockManager: Found block rdd_2_0 locally
19/02/20 20:17:00 INFO Executor: Finished task 4.0 in stage 5.0 (TID 38). 1005 bytes result sent to driver
19/02/20 20:17:00 INFO TaskSetManager: Finished task 4.0 in stage 5.0 (TID 38) in 17 ms on localhost (executor driver) (1/5)
19/02/20 20:17:00 INFO Executor: Finished task 0.0 in stage 5.0 (TID 34). 1005 bytes result sent to driver
19/02/20 20:17:00 INFO Executor: Finished task 1.0 in stage 5.0 (TID 35). 962 bytes result sent to driver
19/02/20 20:17:00 INFO TaskSetManager: Finished task 0.0 in stage 5.0 (TID 34) in 21 ms on localhost (executor driver) (2/5)
19/02/20 20:17:00 INFO TaskSetManager: Finished task 1.0 in stage 5.0 (TID 35) in 21 ms on localhost (executor driver) (3/5)
19/02/20 20:17:00 INFO Executor: Finished task 2.0 in stage 5.0 (TID 36). 1005 bytes result sent to driver
19/02/20 20:17:00 INFO TaskSetManager: Finished task 2.0 in stage 5.0 (TID 36) in 22 ms on localhost (executor driver) (4/5)
19/02/20 20:17:00 INFO Executor: Finished task 3.0 in stage 5.0 (TID 37). 1048 bytes result sent to driver

19/02/20 20:17:00 INFO TaskSetManager: Finished task 3.0 in stage 5.0 (TID 37) in 23 ms on localhost (executor driver) (5/5)
19/02/20 20:17:00 INFO TaskSchedulerImpl: Removed TaskSet 5.0, whose tasks have all completed, from pool
19/02/20 20:17:00 INFO DAGScheduler: ShuffleMapStage 5 (mapToPair at SimpleMovingAvgClosingPrice.java:30) finished in 0.025 s
19/02/20 20:17:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:17:00 INFO DAGScheduler: running: Set()
19/02/20 20:17:00 INFO DAGScheduler: waiting: Set(ResultStage 6)
19/02/20 20:17:00 INFO DAGScheduler: failed: Set()
19/02/20 20:17:00 INFO DAGScheduler: Submitting ResultStage 6 (MapPartitionsRDD[90] at saveAsTextFile at SimpleMovingAvgClosingPrice.java:59), which has no missing parents
19/02/20 20:17:00 INFO MemoryStore: Block broadcast_11 stored as values in memory (estimated size 51.7 KB, free 2.2 GB)
19/02/20 20:17:00 INFO MemoryStore: Block broadcast_11_piece0 stored as bytes in memory (estimated size 18.7 KB, free 2.2 GB)
19/02/20 20:17:00 INFO BlockManagerInfo: Added broadcast_11_piece0 in memory on 192.168.56.1:56546 (size: 18.7 KB, free: 2.2 GB)
19/02/20 20:17:00 INFO SparkContext: Created broadcast 11 from broadcast at DAGScheduler.scala:1006
19/02/20 20:17:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 6 (MapPartitionsRDD[90] at saveAsTextFile at SimpleMovingAvgClosingPrice.java:59) (first 15 tasks are for partitions Vector(0))
19/02/20 20:17:00 INFO TaskSchedulerImpl: Adding task set 6.0 with 1 tasks
19/02/20 20:17:00 INFO TaskSetManager: Starting task 0.0 in stage 6.0 (TID 39, localhost, executor driver, partition 0, ANY, 5023 bytes)
19/02/20 20:17:00 INFO Executor: Running task 0.0 in stage 6.0 (TID 39)
19/02/20 20:17:00 INFO BlockManagerInfo: Removed broadcast_9_piece0 on 192.168.56.1:56546 in memory (size: 3.0 KB, free: 2.2 GB)
19/02/20 20:17:00 INFO BlockManagerInfo: Removed broadcast_10_piece0 on 192.168.56.1:56546 in memory (size: 4.2 KB, free: 2.2 GB)
19/02/20 20:17:00 INFO BlockManagerInfo: Removed broadcast_8_piece0 on 192.168.56.1:56546 in memory (size: 2.7 KB, free: 2.2 GB)
19/02/20 20:17:00 INFO BlockManagerInfo: Removed broadcast_7_piece0 on 192.168.56.1:56546 in memory (size: 2.7 KB, free: 2.2 GB)
19/02/20 20:17:00 INFO BlockManagerInfo: Removed broadcast_5_piece0 on 192.168.56.1:56546 in memory (size: 4.2 KB, free: 2.2 GB)
19/02/20 20:17:00 INFO BlockManagerInfo: Removed broadcast_6_piece0 on 192.168.56.1:56546 in memory (size: 4.2 KB, free: 2.2 GB)
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 5 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 5 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 5 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 5 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 5 non-empty blocks out of 5 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 5 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in

0 ms
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 5 non-empty blocks out of 5 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 5 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:02 INFO FileOutputCommitter: Saved output of task 'attempt_20190220201700_0006_m_000000_39' to file:/C:/Users/Public/output/Analyses1_SMA_1550674020546/_temporary/0/task_20190220201700_0006_m_000000
19/02/20 20:17:02 INFO SparkHadoopMapRedUtil: attempt_20190220201700_0006_m_000000_39: Committed
19/02/20 20:17:02 INFO Executor: Finished task 0.0 in stage 6.0 (TID 39). 1139 bytes result sent to driver
19/02/20 20:17:02 INFO TaskSetManager: Finished task 0.0 in stage 6.0 (TID 39) in 1828 ms on localhost (executor driver) (1/1)
19/02/20 20:17:02 INFO TaskSchedulerImpl: Removed TaskSet 6.0, whose tasks have all completed, from pool
19/02/20 20:17:02 INFO DAGScheduler: ResultStage 6 (saveAsTextFile at SimpleMovingAvgClosingPrice.java:59) finished in 1.829 s
19/02/20 20:17:02 INFO DAGScheduler: Job 1 finished: saveAsTextFile at SimpleMovingAvgClosingPrice.java:59, took 1.880573 s
19/02/20 20:17:02 INFO JobScheduler: Finished job streaming job 1550674020000 ms.0 from job set of time 1550674020000 ms
19/02/20 20:17:02 INFO JobScheduler: Starting job streaming job 1550674020000 ms.1 from job set of time 1550674020000 ms
19/02/20 20:17:02 INFO SparkContext: Starting job: print at SimpleMovingAvgClosingPrice.java:61
19/02/20 20:17:02 INFO DAGScheduler: Got job 2 (print at SimpleMovingAvgClosingPrice.java:61) with 1 output partitions
19/02/20 20:17:02 INFO DAGScheduler: Final stage: ResultStage 7 (print at SimpleMovingAvgClosingPrice.java:61)
19/02/20 20:17:02 INFO DAGScheduler: Parents of final stage: List()
19/02/20 20:17:02 INFO DAGScheduler: Missing parents: List()
19/02/20 20:17:02 INFO DAGScheduler: Submitting ResultStage 7 (MapPartitionsRDD[60] at flatMap at SparkAnalysesDriver.java:62), which has no missing parents
19/02/20 20:17:02 INFO MemoryStore: Block broadcast_12 stored as values in memory (estimated size 6.1 KB, free 2.2 GB)
19/02/20 20:17:02 INFO MemoryStore: Block broadcast_12_piece0 stored as bytes in memory (estimated size 3.2 KB, free 2.2 GB)
19/02/20 20:17:02 INFO BlockManagerInfo: Added broadcast_12_piece0 in memory on 192.168.56.1:56546 (size: 3.2 KB, free: 2.2 GB)
19/02/20 20:17:02 INFO SparkContext: Created broadcast 12 from broadcast at DAGScheduler.scala:1006
19/02/20 20:17:02 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 7 (MapPartitionsRDD[60] at flatMap at SparkAnalysesDriver.java:62) (first 15 tasks are for partitions Vector())
19/02/20 20:17:02 INFO TaskSchedulerImpl: Adding task set 7.0 with 1 tasks
19/02/20 20:17:02 INFO TaskSetManager: Starting task 0.0 in stage 7.0 (TID 40, localhost, executor driver, partition 0, PROCESS_LOCAL, 5048 bytes)
19/02/20 20:17:02 INFO Executor: Running task 0.0 in stage 7.0 (TID 40)
19/02/20 20:17:02 INFO BlockManager: Found block rdd_2_0 locally
19/02/20 20:17:02 INFO Executor: Finished task 0.0 in stage 7.0 (TID 40). 961 bytes result sent to driver
19/02/20 20:17:02 INFO TaskSetManager: Finished task 0.0 in stage 7.0 (TID 40) in 8 ms on localhost (executor driver) (1/1)
19/02/20 20:17:02 INFO TaskSchedulerImpl: Removed TaskSet 7.0, whose tasks have all completed, from pool
19/02/20 20:17:02 INFO DAGScheduler: ResultStage 7 (print at SimpleMovingAvgClosingPrice.java:61) finished in 0.008 s

19/02/20 20:17:02 INFO DAGScheduler: Job 2 finished: print at SimpleMovingAvgClosingPrice.java:61, took 0.016940 s
19/02/20 20:17:02 INFO SparkContext: Starting job: print at SimpleMovingAvgClosingPrice.java:61
19/02/20 20:17:02 INFO DAGScheduler: Got job 3 (print at SimpleMovingAvgClosingPrice.java:61) with 3 output partitions
19/02/20 20:17:02 INFO DAGScheduler: Final stage: ResultStage 8 (print at SimpleMovingAvgClosingPrice.java:61)
19/02/20 20:17:02 INFO DAGScheduler: Parents of final stage: List()
19/02/20 20:17:02 INFO DAGScheduler: Missing parents: List()
19/02/20 20:17:02 INFO DAGScheduler: Submitting ResultStage 8 (MapPartitionsRDD[60] at flatMap at SparkAnalysesDriver.java:62), which has no missing parents
19/02/20 20:17:02 INFO MemoryStore: Block broadcast_13 stored as values in memory (estimated size 6.1 KB, free 2.2 GB)
19/02/20 20:17:02 INFO MemoryStore: Block broadcast_13_piece0 stored as bytes in memory (estimated size 3.2 KB, free 2.2 GB)
19/02/20 20:17:02 INFO BlockManagerInfo: Added broadcast_13_piece0 in memory on 192.168.56.1:56546 (size: 3.2 KB, free: 2.2 GB)
19/02/20 20:17:02 INFO SparkContext: Created broadcast 13 from broadcast at DAGScheduler.scala:1006
19/02/20 20:17:02 INFO DAGScheduler: Submitting 3 missing tasks from ResultStage 8 (MapPartitionsRDD[60] at flatMap at SparkAnalysesDriver.java:62) (first 15 tasks are for partitions Vector(1, 2, 3))
19/02/20 20:17:02 INFO TaskSchedulerImpl: Adding task set 8.0 with 3 tasks
19/02/20 20:17:02 INFO TaskSetManager: Starting task 0.0 in stage 8.0 (TID 41, localhost, executor driver, partition 1, PROCESS_LOCAL, 5047 bytes)
19/02/20 20:17:02 INFO TaskSetManager: Starting task 1.0 in stage 8.0 (TID 42, localhost, executor driver, partition 2, PROCESS_LOCAL, 5048 bytes)
19/02/20 20:17:02 INFO TaskSetManager: Starting task 2.0 in stage 8.0 (TID 43, localhost, executor driver, partition 3, PROCESS_LOCAL, 5048 bytes)
19/02/20 20:17:02 INFO Executor: Running task 0.0 in stage 8.0 (TID 41)
19/02/20 20:17:02 INFO Executor: Running task 1.0 in stage 8.0 (TID 42)
19/02/20 20:17:02 INFO Executor: Running task 2.0 in stage 8.0 (TID 43)
19/02/20 20:17:02 INFO BlockManager: Found block rdd_16_0 locally
19/02/20 20:17:02 INFO BlockManager: Found block rdd_30_0 locally
19/02/20 20:17:02 INFO BlockManager: Found block rdd_44_0 locally
19/02/20 20:17:02 INFO Executor: Finished task 2.0 in stage 8.0 (TID 43). 1004 bytes result sent to driver
19/02/20 20:17:02 INFO Executor: Finished task 1.0 in stage 8.0 (TID 42). 1004 bytes result sent to driver
19/02/20 20:17:02 INFO Executor: Finished task 0.0 in stage 8.0 (TID 41). 1004 bytes result sent to driver
19/02/20 20:17:02 INFO TaskSetManager: Finished task 2.0 in stage 8.0 (TID 43) in 8 ms on localhost (executor driver) (1/3)
19/02/20 20:17:02 INFO TaskSetManager: Finished task 1.0 in stage 8.0 (TID 42) in 8 ms on localhost (executor driver) (2/3)
19/02/20 20:17:02 INFO TaskSetManager: Finished task 0.0 in stage 8.0 (TID 41) in 9 ms on localhost (executor driver) (3/3)
19/02/20 20:17:02 INFO TaskSchedulerImpl: Removed TaskSet 8.0, whose tasks have all completed, from pool
19/02/20 20:17:02 INFO DAGScheduler: ResultStage 8 (print at SimpleMovingAvgClosingPrice.java:61) finished in 0.009 s
19/02/20 20:17:02 INFO DAGScheduler: Job 3 finished: print at SimpleMovingAvgClosingPrice.java:61, took 0.019697 s
19/02/20 20:17:02 INFO JobScheduler: Finished job streaming job 1550674020000 ms.1 from job set of time 1550674020000 ms
19/02/20 20:17:02 INFO JobScheduler: Starting job streaming job 1550674020000 ms.2 from job set of time 1550674020000 ms
19/02/20 20:17:02 INFO SparkContext: Starting job: isEmpty at MaximumProfitStock.java:152
19/02/20 20:17:02 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 2 is 162 bytes
19/02/20 20:17:02 INFO MapOutputTrackerMaster: Size of output statuses for

shuffle 3 is 162 bytes
19/02/20 20:17:02 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 0 is 165 bytes
19/02/20 20:17:02 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 1 is 165 bytes
19/02/20 20:17:02 INFO DAGScheduler: Registering RDD 74 (mapToPair at MaximumProfitStock.java:140)
19/02/20 20:17:02 INFO DAGScheduler: Got job 4 (isEmpty at MaximumProfitStock.java:152) with 1 output partitions
19/02/20 20:17:02 INFO DAGScheduler: Final stage: ResultStage 14 (isEmpty at MaximumProfitStock.java:152)
19/02/20 20:17:02 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 13)
19/02/20 20:17:02 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 13)
19/02/20 20:17:02 INFO DAGScheduler: Submitting ShuffleMapStage 13 (MapPartitionsRDD[74] at mapToPair at MaximumProfitStock.java:140), which has no missing parents
19/02/20 20:17:02 INFO MemoryStore: Block broadcast_14 stored as values in memory (estimated size 5.7 KB, free 2.2 GB)
19/02/20 20:17:02 INFO MemoryStore: Block broadcast_14_piece0 stored as bytes in memory (estimated size 3.1 KB, free 2.2 GB)
19/02/20 20:17:02 INFO BlockManagerInfo: Added broadcast_14_piece0 in memory on 192.168.56.1:56546 (size: 3.1 KB, free: 2.2 GB)
19/02/20 20:17:02 INFO SparkContext: Created broadcast 14 from broadcast at DAGScheduler.scala:1006
19/02/20 20:17:02 INFO DAGScheduler: Submitting 8 missing tasks from ShuffleMapStage 13 (MapPartitionsRDD[74] at mapToPair at MaximumProfitStock.java:140) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7))
19/02/20 20:17:02 INFO TaskSchedulerImpl: Adding task set 13.0 with 8 tasks
19/02/20 20:17:02 INFO TaskSetManager: Starting task 0.0 in stage 13.0 (TID 44, localhost, executor driver, partition 0, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:17:02 INFO TaskSetManager: Starting task 1.0 in stage 13.0 (TID 45, localhost, executor driver, partition 1, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:17:02 INFO TaskSetManager: Starting task 2.0 in stage 13.0 (TID 46, localhost, executor driver, partition 2, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:17:02 INFO TaskSetManager: Starting task 3.0 in stage 13.0 (TID 47, localhost, executor driver, partition 3, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:17:02 INFO TaskSetManager: Starting task 4.0 in stage 13.0 (TID 48, localhost, executor driver, partition 4, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:17:02 INFO TaskSetManager: Starting task 5.0 in stage 13.0 (TID 49, localhost, executor driver, partition 5, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:17:02 INFO TaskSetManager: Starting task 6.0 in stage 13.0 (TID 50, localhost, executor driver, partition 6, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:17:02 INFO TaskSetManager: Starting task 7.0 in stage 13.0 (TID 51, localhost, executor driver, partition 7, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:17:02 INFO Executor: Running task 1.0 in stage 13.0 (TID 45)
19/02/20 20:17:02 INFO Executor: Running task 6.0 in stage 13.0 (TID 50)
19/02/20 20:17:02 INFO Executor: Running task 2.0 in stage 13.0 (TID 46)
19/02/20 20:17:02 INFO Executor: Running task 7.0 in stage 13.0 (TID 51)
19/02/20 20:17:02 INFO Executor: Running task 3.0 in stage 13.0 (TID 47)
19/02/20 20:17:02 INFO Executor: Running task 0.0 in stage 13.0 (TID 44)
19/02/20 20:17:02 INFO Executor: Running task 4.0 in stage 13.0 (TID 48)
19/02/20 20:17:02 INFO Executor: Running task 5.0 in stage 13.0 (TID 49)
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks

19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 3 ms
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:02 INFO Executor: Finished task 1.0 in stage 13.0 (TID 45). 1043 bytes result sent to driver
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 16 ms
19/02/20 20:17:02 INFO TaskSetManager: Finished task 1.0 in stage 13.0 (TID 45) in 33 ms on localhost (executor driver) (1/8)
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:02 INFO Executor: Finished task 2.0 in stage 13.0 (TID 46). 1043 bytes result sent to driver
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:17:02 INFO Executor: Finished task 7.0 in stage 13.0 (TID 51). 1000 bytes result sent to driver
19/02/20 20:17:02 INFO TaskSetManager: Finished task 2.0 in stage 13.0 (TID 46) in 41 ms on localhost (executor driver) (2/8)

19/02/20 20:17:02 INFO Executor: Finished task 6.0 in stage 13.0 (TID 50). 1172 bytes result sent to driver
19/02/20 20:17:02 INFO TaskSetManager: Finished task 7.0 in stage 13.0 (TID 51) in 44 ms on localhost (executor driver) (3/8)
19/02/20 20:17:02 INFO Executor: Finished task 0.0 in stage 13.0 (TID 44). 1043 bytes result sent to driver
19/02/20 20:17:02 INFO TaskSetManager: Finished task 6.0 in stage 13.0 (TID 50) in 44 ms on localhost (executor driver) (4/8)
19/02/20 20:17:02 INFO TaskSetManager: Finished task 0.0 in stage 13.0 (TID 44) in 45 ms on localhost (executor driver) (5/8)
19/02/20 20:17:02 INFO Executor: Finished task 4.0 in stage 13.0 (TID 48). 1172 bytes result sent to driver
19/02/20 20:17:02 INFO TaskSetManager: Finished task 4.0 in stage 13.0 (TID 48) in 47 ms on localhost (executor driver) (6/8)
19/02/20 20:17:02 INFO Executor: Finished task 5.0 in stage 13.0 (TID 49). 1086 bytes result sent to driver
19/02/20 20:17:02 INFO TaskSetManager: Finished task 5.0 in stage 13.0 (TID 49) in 48 ms on localhost (executor driver) (7/8)
19/02/20 20:17:02 INFO Executor: Finished task 3.0 in stage 13.0 (TID 47). 1043 bytes result sent to driver
19/02/20 20:17:02 INFO TaskSetManager: Finished task 3.0 in stage 13.0 (TID 47) in 50 ms on localhost (executor driver) (8/8)
19/02/20 20:17:02 INFO TaskSchedulerImpl: Removed TaskSet 13.0, whose tasks have all completed, from pool
19/02/20 20:17:02 INFO DAGScheduler: ShuffleMapStage 13 (mapToPair at MaximumProfitStock.java:140) finished in 0.051 s
19/02/20 20:17:02 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:17:02 INFO DAGScheduler: running: Set()
19/02/20 20:17:02 INFO DAGScheduler: waiting: Set(ResultStage 14)
19/02/20 20:17:02 INFO DAGScheduler: failed: Set()
19/02/20 20:17:02 INFO DAGScheduler: Submitting ResultStage 14 (ShuffledRDD[77] at sortByKey at MaximumProfitStock.java:141), which has no missing parents
19/02/20 20:17:02 INFO MemoryStore: Block broadcast_15 stored as values in memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:17:02 INFO MemoryStore: Block broadcast_15_piece0 stored as bytes in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:17:02 INFO BlockManagerInfo: Added broadcast_15_piece0 in memory on 192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:17:02 INFO SparkContext: Created broadcast 15 from broadcast at DAGScheduler.scala:1006
19/02/20 20:17:02 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 14 (ShuffledRDD[77] at sortByKey at MaximumProfitStock.java:141) (first 15 tasks are for partitions Vector(0))
19/02/20 20:17:02 INFO TaskSchedulerImpl: Adding task set 14.0 with 1 tasks
19/02/20 20:17:02 INFO TaskSetManager: Starting task 0.0 in stage 14.0 (TID 52, localhost, executor driver, partition 0, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:17:02 INFO Executor: Running task 0.0 in stage 14.0 (TID 52)
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:02 INFO Executor: Finished task 0.0 in stage 14.0 (TID 52). 1011 bytes result sent to driver
19/02/20 20:17:02 INFO TaskSetManager: Finished task 0.0 in stage 14.0 (TID 52) in 16 ms on localhost (executor driver) (1/1)
19/02/20 20:17:02 INFO TaskSchedulerImpl: Removed TaskSet 14.0, whose tasks have all completed, from pool
19/02/20 20:17:02 INFO DAGScheduler: ResultStage 14 (isEmpty at MaximumProfitStock.java:152) finished in 0.017 s
19/02/20 20:17:02 INFO DAGScheduler: Job 4 finished: isEmpty at MaximumProfitStock.java:152, took 0.092740 s
19/02/20 20:17:02 INFO SparkContext: Starting job: isEmpty at MaximumProfitStock.java:152
19/02/20 20:17:02 INFO MapOutputTrackerMaster: Size of output statuses for

shuffle 2 is 162 bytes
19/02/20 20:17:02 INFO MapOutputTrackerMaster: Size of output statuses for
shuffle 3 is 162 bytes
19/02/20 20:17:02 INFO MapOutputTrackerMaster: Size of output statuses for
shuffle 0 is 165 bytes
19/02/20 20:17:02 INFO MapOutputTrackerMaster: Size of output statuses for
shuffle 1 is 165 bytes
19/02/20 20:17:02 INFO MapOutputTrackerMaster: Size of output statuses for
shuffle 5 is 165 bytes
19/02/20 20:17:02 INFO DAGScheduler: Got job 5 (isEmpty at
MaximumProfitStock.java:152) with 2 output partitions
19/02/20 20:17:02 INFO DAGScheduler: Final stage: ResultStage 20 (isEmpty at
MaximumProfitStock.java:152)
19/02/20 20:17:02 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 19)
19/02/20 20:17:02 INFO DAGScheduler: Missing parents: List()
19/02/20 20:17:02 INFO DAGScheduler: Submitting ResultStage 20 (ShuffledRDD[77]
at sortByKey at MaximumProfitStock.java:141), which has no missing parents
19/02/20 20:17:02 INFO MemoryStore: Block broadcast_16 stored as values in
memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:17:02 INFO MemoryStore: Block broadcast_16_piece0 stored as bytes in
memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:17:02 INFO BlockManagerInfo: Added broadcast_16_piece0 in memory on
192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:17:02 INFO SparkContext: Created broadcast 16 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:17:02 INFO DAGScheduler: Submitting 2 missing tasks from ResultStage
20 (ShuffledRDD[77] at sortByKey at MaximumProfitStock.java:141) (first 15 tasks
are for partitions Vector(1, 2))
19/02/20 20:17:02 INFO TaskSchedulerImpl: Adding task set 20.0 with 2 tasks
19/02/20 20:17:02 INFO TaskSetManager: Starting task 0.0 in stage 20.0 (TID 53,
localhost, executor driver, partition 1, ANY, 4621 bytes)
19/02/20 20:17:02 INFO TaskSetManager: Starting task 1.0 in stage 20.0 (TID 54,
localhost, executor driver, partition 2, ANY, 4621 bytes)
19/02/20 20:17:02 INFO Executor: Running task 1.0 in stage 20.0 (TID 54)
19/02/20 20:17:02 INFO Executor: Running task 0.0 in stage 20.0 (TID 53)
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 8 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
1 ms
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 8 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:17:02 INFO Executor: Finished task 1.0 in stage 20.0 (TID 54). 1028
bytes result sent to driver
19/02/20 20:17:02 INFO TaskSetManager: Finished task 1.0 in stage 20.0 (TID 54)
in 10 ms on localhost (executor driver) (1/2)
19/02/20 20:17:02 INFO Executor: Finished task 0.0 in stage 20.0 (TID 53). 1028
bytes result sent to driver
19/02/20 20:17:02 INFO TaskSetManager: Finished task 0.0 in stage 20.0 (TID 53)
in 11 ms on localhost (executor driver) (2/2)
19/02/20 20:17:02 INFO TaskSchedulerImpl: Removed TaskSet 20.0, whose tasks have
all completed, from pool
19/02/20 20:17:02 INFO DAGScheduler: ResultStage 20 (isEmpty at
MaximumProfitStock.java:152) finished in 0.011 s
19/02/20 20:17:02 INFO DAGScheduler: Job 5 finished: isEmpty at
MaximumProfitStock.java:152, took 0.023289 s
19/02/20 20:17:02 INFO SparkContext: Starting job: take at
MaximumProfitStock.java:156
19/02/20 20:17:02 INFO DAGScheduler: Got job 6 (take at
MaximumProfitStock.java:156) with 1 output partitions
19/02/20 20:17:02 INFO DAGScheduler: Final stage: ResultStage 26 (take at
MaximumProfitStock.java:156)

19/02/20 20:17:02 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 25)
19/02/20 20:17:02 INFO DAGScheduler: Missing parents: List()
19/02/20 20:17:02 INFO DAGScheduler: Submitting ResultStage 26 (ShuffledRDD[77]
at sortByKey at MaximumProfitStock.java:141), which has no missing parents
19/02/20 20:17:02 INFO MemoryStore: Block broadcast_17 stored as values in
memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:17:02 INFO MemoryStore: Block broadcast_17_piece0 stored as bytes in
memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:17:02 INFO BlockManagerInfo: Added broadcast_17_piece0 in memory on
192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:17:02 INFO SparkContext: Created broadcast 17 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:17:02 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage
26 (ShuffledRDD[77] at sortByKey at MaximumProfitStock.java:141) (first 15 tasks
are for partitions Vector(0))
19/02/20 20:17:02 INFO TaskSchedulerImpl: Adding task set 26.0 with 1 tasks
19/02/20 20:17:02 INFO TaskSetManager: Starting task 0.0 in stage 26.0 (TID 55,
localhost, executor driver, partition 0, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:17:02 INFO Executor: Running task 0.0 in stage 26.0 (TID 55)
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:17:02 INFO Executor: Finished task 0.0 in stage 26.0 (TID 55). 968
bytes result sent to driver
19/02/20 20:17:02 INFO TaskSetManager: Finished task 0.0 in stage 26.0 (TID 55)
in 9 ms on localhost (executor driver) (1/1)
19/02/20 20:17:02 INFO TaskSchedulerImpl: Removed TaskSet 26.0, whose tasks have
all completed, from pool
19/02/20 20:17:02 INFO DAGScheduler: ResultStage 26 (take at
MaximumProfitStock.java:156) finished in 0.010 s
19/02/20 20:17:02 INFO DAGScheduler: Job 6 finished: take at
MaximumProfitStock.java:156, took 0.017979 s
19/02/20 20:17:02 INFO SparkContext: Starting job: take at
MaximumProfitStock.java:156
19/02/20 20:17:02 INFO DAGScheduler: Got job 7 (take at
MaximumProfitStock.java:156) with 2 output partitions
19/02/20 20:17:02 INFO DAGScheduler: Final stage: ResultStage 32 (take at
MaximumProfitStock.java:156)
19/02/20 20:17:02 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 31)
19/02/20 20:17:02 INFO DAGScheduler: Missing parents: List()
19/02/20 20:17:02 INFO DAGScheduler: Submitting ResultStage 32 (ShuffledRDD[77]
at sortByKey at MaximumProfitStock.java:141), which has no missing parents
19/02/20 20:17:02 INFO MemoryStore: Block broadcast_18 stored as values in
memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:17:02 INFO MemoryStore: Block broadcast_18_piece0 stored as bytes in
memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:17:02 INFO BlockManagerInfo: Added broadcast_18_piece0 in memory on
192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:17:02 INFO SparkContext: Created broadcast 18 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:17:02 INFO DAGScheduler: Submitting 2 missing tasks from ResultStage
32 (ShuffledRDD[77] at sortByKey at MaximumProfitStock.java:141) (first 15 tasks
are for partitions Vector(1, 2))
19/02/20 20:17:02 INFO TaskSchedulerImpl: Adding task set 32.0 with 2 tasks
19/02/20 20:17:02 INFO TaskSetManager: Starting task 0.0 in stage 32.0 (TID 56,
localhost, executor driver, partition 1, ANY, 4621 bytes)
19/02/20 20:17:02 INFO TaskSetManager: Starting task 1.0 in stage 32.0 (TID 57,
localhost, executor driver, partition 2, ANY, 4621 bytes)
19/02/20 20:17:02 INFO Executor: Running task 0.0 in stage 32.0 (TID 56)
19/02/20 20:17:02 INFO Executor: Running task 1.0 in stage 32.0 (TID 57)
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks

out of 8 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:17:02 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:17:02 INFO Executor: Finished task 0.0 in stage 32.0 (TID 56). 985 bytes result sent to driver
19/02/20 20:17:02 INFO Executor: Finished task 1.0 in stage 32.0 (TID 57). 985 bytes result sent to driver
19/02/20 20:17:02 INFO TaskSetManager: Finished task 0.0 in stage 32.0 (TID 56) in 12 ms on localhost (executor driver) (1/2)
19/02/20 20:17:02 INFO TaskSetManager: Finished task 1.0 in stage 32.0 (TID 57) in 12 ms on localhost (executor driver) (2/2)
19/02/20 20:17:02 INFO TaskSchedulerImpl: Removed TaskSet 32.0, whose tasks have all completed, from pool
19/02/20 20:17:02 INFO DAGScheduler: ResultStage 32 (take at MaximumProfitStock.java:156) finished in 0.013 s
19/02/20 20:17:02 INFO DAGScheduler: Job 7 finished: take at MaximumProfitStock.java:156, took 0.023722 s
19/02/20 20:17:02 INFO JobScheduler: Finished job streaming job 1550674020000 ms.2 from job set of time 1550674020000 ms
19/02/20 20:17:02 INFO JobScheduler: Starting job streaming job 1550674020000 ms.3 from job set of time 1550674020000 ms
19/02/20 20:17:02 INFO JobScheduler: Finished job streaming job 1550674020000 ms.3 from job set of time 1550674020000 ms
19/02/20 20:17:02 INFO JobScheduler: Total delay: 2.832 s for time 1550674020000 ms (execution: 2.288 s)
19/02/20 20:17:02 INFO FileInputDStream: Cleared 0 old files that were older than 1550672820000 ms:
19/02/20 20:17:02 INFO FileInputDStream: Cleared 0 old files that were older than 1550672820000 ms:
19/02/20 20:17:02 INFO FileInputDStream: Cleared 0 old files that were older than 1550672820000 ms:
19/02/20 20:17:02 INFO FileInputDStream: Cleared 0 old files that were older than 1550672820000 ms:
19/02/20 20:17:02 INFO MapPartitionsRDD: Removing RDD 55 from persistence list
19/02/20 20:17:02 INFO BlockManager: Removing RDD 55
19/02/20 20:17:02 INFO MapPartitionsRDD: Removing RDD 54 from persistence list
19/02/20 20:17:02 INFO BlockManager: Removing RDD 54
19/02/20 20:17:02 INFO ShuffledRDD: Removing RDD 49 from persistence list
19/02/20 20:17:02 INFO BlockManager: Removing RDD 49
19/02/20 20:17:02 INFO MapPartitionsRDD: Removing RDD 48 from persistence list
19/02/20 20:17:02 INFO BlockManager: Removing RDD 48
19/02/20 20:17:02 INFO MapPartitionsRDD: Removing RDD 47 from persistence list
19/02/20 20:17:02 INFO BlockManager: Removing RDD 47
19/02/20 20:17:02 INFO MapPartitionsRDD: Removing RDD 46 from persistence list
19/02/20 20:17:02 INFO BlockManager: Removing RDD 46
19/02/20 20:17:02 INFO UnionRDD: Removing RDD 45 from persistence list
19/02/20 20:17:02 INFO BlockManager: Removing RDD 45
19/02/20 20:17:02 INFO FileInputDStream: Cleared 0 old files that were older than 1550672820000 ms:
19/02/20 20:17:02 INFO ShuffledRDD: Removing RDD 51 from persistence list
19/02/20 20:17:02 INFO BlockManager: Removing RDD 51
19/02/20 20:17:02 INFO MapPartitionsRDD: Removing RDD 50 from persistence list
19/02/20 20:17:02 INFO BlockManager: Removing RDD 50
19/02/20 20:17:02 INFO FileInputDStream: Cleared 0 old files that were older than 1550672820000 ms:
19/02/20 20:17:02 INFO FileInputDStream: Cleared 0 old files that were older than 1550672820000 ms:
19/02/20 20:17:02 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:17:02 INFO InputInfoTracker: remove old batch metadata:
19/02/20 20:18:00 INFO MappedDStream: Time 1550674080000 ms is invalid as

zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 360000 ms
19/02/20 20:18:00 INFO FlatMappedDStream: Time 1550674080000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 360000 ms
19/02/20 20:18:00 INFO TransformedDStream: Time 1550674080000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 360000 ms
19/02/20 20:18:00 INFO MappedDStream: Slicing from 1550673540000 ms to 1550674080000 ms (aligned to 1550673540000 ms and 1550674080000 ms)
19/02/20 20:18:00 INFO MappedDStream: Time 1550673720000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 60000 ms and difference is 0 ms
19/02/20 20:18:00 INFO FileInputDStream: Finding new files took 12 ms
19/02/20 20:18:00 INFO FileInputDStream: New files at time 1550674080000 ms: file:/C:/Users/Public/JSON/stocks_price_1550674021.907876.json
file:/C:/Users/Public/JSON/stocks_price_1550674076.2125962.json
19/02/20 20:18:00 INFO MemoryStore: Block broadcast_19 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:18:00 INFO MemoryStore: Block broadcast_19_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:18:00 INFO BlockManagerInfo: Added broadcast_19_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:18:00 INFO SparkContext: Created broadcast 19 from textFileStream at SparkAnalysesDriver.java:52
19/02/20 20:18:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:18:00 INFO MemoryStore: Block broadcast_20 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:18:00 INFO MemoryStore: Block broadcast_20_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:18:00 INFO BlockManagerInfo: Added broadcast_20_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:18:00 INFO SparkContext: Created broadcast 20 from textFileStream at SparkAnalysesDriver.java:52
19/02/20 20:18:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:18:00 INFO TransformedDStream: Time 1550674080000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 360000 ms
19/02/20 20:18:00 INFO JobScheduler: Added jobs for time 1550674080000 ms
19/02/20 20:18:00 INFO JobScheduler: Starting job streaming job 1550674080000 ms.0 from job set of time 1550674080000 ms
19/02/20 20:18:00 INFO JobScheduler: Finished job streaming job 1550674080000 ms.0 from job set of time 1550674080000 ms
19/02/20 20:18:00 INFO JobScheduler: Total delay: 0.084 s for time 1550674080000 ms (execution: 0.000 s)
19/02/20 20:18:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672880000 ms:
19/02/20 20:18:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672880000 ms:
19/02/20 20:18:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672880000 ms:
19/02/20 20:18:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672880000 ms:
19/02/20 20:18:00 INFO MapPartitionsRDD: Removing RDD 88 from persistence list
19/02/20 20:18:00 INFO BlockManager: Removing RDD 88
19/02/20 20:18:00 INFO MapPartitionsRDD: Removing RDD 87 from persistence list
19/02/20 20:18:00 INFO BlockManager: Removing RDD 87
19/02/20 20:18:00 INFO ShuffledRDD: Removing RDD 82 from persistence list
19/02/20 20:18:00 INFO BlockManager: Removing RDD 82
19/02/20 20:18:00 INFO MapPartitionsRDD: Removing RDD 81 from persistence list
19/02/20 20:18:00 INFO BlockManager: Removing RDD 81
19/02/20 20:18:00 INFO MapPartitionsRDD: Removing RDD 80 from persistence list
19/02/20 20:18:00 INFO BlockManager: Removing RDD 80
19/02/20 20:18:00 INFO MapPartitionsRDD: Removing RDD 79 from persistence list
19/02/20 20:18:00 INFO BlockManager: Removing RDD 79

19/02/20 20:18:00 INFO UnionRDD: Removing RDD 78 from persistence list
19/02/20 20:18:00 INFO BlockManager: Removing RDD 78
19/02/20 20:18:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672880000 ms:
19/02/20 20:18:00 INFO ShuffledRDD: Removing RDD 84 from persistence list
19/02/20 20:18:00 INFO BlockManager: Removing RDD 84
19/02/20 20:18:00 INFO MapPartitionsRDD: Removing RDD 83 from persistence list
19/02/20 20:18:00 INFO BlockManager: Removing RDD 83
19/02/20 20:18:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672880000 ms:
19/02/20 20:18:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672880000 ms:
19/02/20 20:18:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:18:00 INFO InputInfoTracker: remove old batch metadata:
19/02/20 20:19:00 INFO MappedDStream: Time 1550674140000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 420000 ms
19/02/20 20:19:00 INFO FlatMappedDStream: Time 1550674140000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 420000 ms
19/02/20 20:19:00 INFO TransformedDStream: Time 1550674140000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 420000 ms
19/02/20 20:19:00 INFO MappedDStream: Slicing from 1550673600000 ms to 1550674140000 ms (aligned to 1550673600000 ms and 1550674140000 ms)
19/02/20 20:19:00 INFO MappedDStream: Time 1550673720000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 60000 ms and difference is 0 ms
19/02/20 20:19:00 INFO FileInputDStream: Finding new files took 12 ms
19/02/20 20:19:00 INFO FileInputDStream: New files at time 1550674140000 ms: file:/C:/Users/Public/JSON/stocks_price_1550674130.1639512.json
19/02/20 20:19:00 INFO MemoryStore: Block broadcast_21 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:19:00 INFO MemoryStore: Block broadcast_21_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:19:00 INFO BlockManagerInfo: Added broadcast_21_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:19:00 INFO SparkContext: Created broadcast 21 from textFileStream at SparkAnalysesDriver.java:52
19/02/20 20:19:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:19:00 INFO TransformedDStream: Time 1550674140000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 420000 ms
19/02/20 20:19:00 INFO JobScheduler: Added jobs for time 1550674140000 ms
19/02/20 20:19:00 INFO JobScheduler: Starting job streaming job 1550674140000 ms.0 from job set of time 1550674140000 ms
19/02/20 20:19:00 INFO JobScheduler: Finished job streaming job 1550674140000 ms.0 from job set of time 1550674140000 ms
19/02/20 20:19:00 INFO JobScheduler: Total delay: 0.068 s for time 1550674140000 ms (execution: 0.000 s)
19/02/20 20:19:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672940000 ms:
19/02/20 20:19:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672940000 ms:
19/02/20 20:19:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672940000 ms:
19/02/20 20:19:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672940000 ms:
19/02/20 20:19:00 INFO MapPartitionsRDD: Removing RDD 105 from persistence list
19/02/20 20:19:00 INFO BlockManager: Removing RDD 105
19/02/20 20:19:00 INFO MapPartitionsRDD: Removing RDD 104 from persistence list
19/02/20 20:19:00 INFO BlockManager: Removing RDD 104
19/02/20 20:19:00 INFO ShuffledRDD: Removing RDD 99 from persistence list
19/02/20 20:19:00 INFO BlockManager: Removing RDD 99
19/02/20 20:19:00 INFO MapPartitionsRDD: Removing RDD 98 from persistence list

19/02/20 20:19:00 INFO BlockManager: Removing RDD 98
19/02/20 20:19:00 INFO MapPartitionsRDD: Removing RDD 97 from persistence list
19/02/20 20:19:00 INFO BlockManager: Removing RDD 97
19/02/20 20:19:00 INFO MapPartitionsRDD: Removing RDD 96 from persistence list
19/02/20 20:19:00 INFO BlockManager: Removing RDD 96
19/02/20 20:19:00 INFO UnionRDD: Removing RDD 95 from persistence list
19/02/20 20:19:00 INFO BlockManager: Removing RDD 95
19/02/20 20:19:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672940000 ms:
19/02/20 20:19:00 INFO ShuffledRDD: Removing RDD 101 from persistence list
19/02/20 20:19:00 INFO BlockManager: Removing RDD 101
19/02/20 20:19:00 INFO MapPartitionsRDD: Removing RDD 100 from persistence list
19/02/20 20:19:00 INFO BlockManager: Removing RDD 100
19/02/20 20:19:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672940000 ms:
19/02/20 20:19:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550672940000 ms:
19/02/20 20:19:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:19:00 INFO InputInfoTracker: remove old batch metadata:
19/02/20 20:20:00 INFO MappedDStream: Time 1550674200000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 480000 ms
19/02/20 20:20:00 INFO FlatMappedDStream: Time 1550674200000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 480000 ms
19/02/20 20:20:00 INFO TransformedDStream: Time 1550674200000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 480000 ms
19/02/20 20:20:00 INFO MappedDStream: Slicing from 1550673660000 ms to 1550674200000 ms (aligned to 1550673660000 ms and 1550674200000 ms)
19/02/20 20:20:00 INFO MappedDStream: Time 1550673720000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 60000 ms and difference is 0 ms
19/02/20 20:20:00 INFO FileInputDStream: Finding new files took 12 ms
19/02/20 20:20:00 INFO FileInputDStream: New files at time 1550674200000 ms: file:/C:/Users/Public/JSON/stocks_price_1550674185.0549848.json
19/02/20 20:20:00 INFO MemoryStore: Block broadcast_22 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:20:00 INFO MemoryStore: Block broadcast_22_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:20:00 INFO BlockManagerInfo: Added broadcast_22_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:20:00 INFO SparkContext: Created broadcast 22 from textFileStream at SparkAnalysesDriver.java:52
19/02/20 20:20:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:20:00 INFO TransformedDStream: Time 1550674200000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 480000 ms
19/02/20 20:20:00 INFO JobScheduler: Added jobs for time 1550674200000 ms
19/02/20 20:20:00 INFO JobScheduler: Starting job streaming job 1550674200000 ms.0 from job set of time 1550674200000 ms
19/02/20 20:20:00 INFO JobScheduler: Finished job streaming job 1550674200000 ms.0 from job set of time 1550674200000 ms
19/02/20 20:20:00 INFO JobScheduler: Total delay: 0.070 s for time 1550674200000 ms (execution: 0.000 s)
19/02/20 20:20:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673000000 ms:
19/02/20 20:20:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673000000 ms:
19/02/20 20:20:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673000000 ms:
19/02/20 20:20:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673000000 ms:
19/02/20 20:20:00 INFO MapPartitionsRDD: Removing RDD 119 from persistence list
19/02/20 20:20:00 INFO BlockManager: Removing RDD 119

19/02/20 20:20:00 INFO MapPartitionsRDD: Removing RDD 118 from persistence list
19/02/20 20:20:00 INFO BlockManager: Removing RDD 118
19/02/20 20:20:00 INFO ShuffledRDD: Removing RDD 113 from persistence list
19/02/20 20:20:00 INFO BlockManager: Removing RDD 113
19/02/20 20:20:00 INFO MapPartitionsRDD: Removing RDD 112 from persistence list
19/02/20 20:20:00 INFO BlockManager: Removing RDD 112
19/02/20 20:20:00 INFO MapPartitionsRDD: Removing RDD 111 from persistence list
19/02/20 20:20:00 INFO BlockManager: Removing RDD 111
19/02/20 20:20:00 INFO MapPartitionsRDD: Removing RDD 110 from persistence list
19/02/20 20:20:00 INFO BlockManager: Removing RDD 110
19/02/20 20:20:00 INFO UnionRDD: Removing RDD 109 from persistence list
19/02/20 20:20:00 INFO BlockManager: Removing RDD 109
19/02/20 20:20:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673000000 ms:
19/02/20 20:20:00 INFO ShuffledRDD: Removing RDD 115 from persistence list
19/02/20 20:20:00 INFO BlockManager: Removing RDD 115
19/02/20 20:20:00 INFO MapPartitionsRDD: Removing RDD 114 from persistence list
19/02/20 20:20:00 INFO BlockManager: Removing RDD 114
19/02/20 20:20:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673000000 ms:
19/02/20 20:20:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673000000 ms:
19/02/20 20:20:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:20:00 INFO InputInfoTracker: remove old batch metadata:
19/02/20 20:21:00 INFO MappedDStream: Time 1550674260000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 540000 ms
19/02/20 20:21:00 INFO FlatMappedDStream: Time 1550674260000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 540000 ms
19/02/20 20:21:00 INFO TransformedDStream: Time 1550674260000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 540000 ms
19/02/20 20:21:00 INFO MappedDStream: Slicing from 1550673720000 ms to 1550674260000 ms (aligned to 1550673720000 ms and 1550674260000 ms)
19/02/20 20:21:00 INFO MappedDStream: Time 1550673720000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 0 ms
19/02/20 20:21:00 INFO FileInputDStream: Finding new files took 5 ms
19/02/20 20:21:00 INFO FileInputDStream: New files at time 1550674260000 ms: file:/C:/Users/Public/JSON/stocks_price_1550674239.267531.json
19/02/20 20:21:00 INFO MemoryStore: Block broadcast_23 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:21:00 INFO MemoryStore: Block broadcast_23_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:21:00 INFO BlockManagerInfo: Added broadcast_23_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:21:00 INFO SparkContext: Created broadcast 23 from textFileStream at SparkAnalysesDriver.java:52
19/02/20 20:21:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:21:00 INFO TransformedDStream: Time 1550674260000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 540000 ms
19/02/20 20:21:00 INFO JobScheduler: Added jobs for time 1550674260000 ms
19/02/20 20:21:00 INFO JobScheduler: Starting job streaming job 1550674260000 ms.0 from job set of time 1550674260000 ms
19/02/20 20:21:00 INFO JobScheduler: Finished job streaming job 1550674260000 ms.0 from job set of time 1550674260000 ms
19/02/20 20:21:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673060000 ms:
19/02/20 20:21:00 INFO JobScheduler: Total delay: 0.036 s for time 1550674260000 ms (execution: 0.001 s)
19/02/20 20:21:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673060000 ms:
19/02/20 20:21:00 INFO FileInputDStream: Cleared 0 old files that were older

than 1550673060000 ms:
19/02/20 20:21:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550673060000 ms:
19/02/20 20:21:00 INFO MapPartitionsRDD: Removing RDD 133 from persistence list
19/02/20 20:21:00 INFO BlockManager: Removing RDD 133
19/02/20 20:21:00 INFO MapPartitionsRDD: Removing RDD 132 from persistence list
19/02/20 20:21:00 INFO BlockManager: Removing RDD 132
19/02/20 20:21:00 INFO ShuffledRDD: Removing RDD 127 from persistence list
19/02/20 20:21:00 INFO BlockManager: Removing RDD 127
19/02/20 20:21:00 INFO MapPartitionsRDD: Removing RDD 126 from persistence list
19/02/20 20:21:00 INFO BlockManager: Removing RDD 126
19/02/20 20:21:00 INFO MapPartitionsRDD: Removing RDD 125 from persistence list
19/02/20 20:21:00 INFO BlockManager: Removing RDD 125
19/02/20 20:21:00 INFO MapPartitionsRDD: Removing RDD 124 from persistence list
19/02/20 20:21:00 INFO BlockManager: Removing RDD 124
19/02/20 20:21:00 INFO UnionRDD: Removing RDD 123 from persistence list
19/02/20 20:21:00 INFO BlockManager: Removing RDD 123
19/02/20 20:21:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550673060000 ms:
19/02/20 20:21:00 INFO ShuffledRDD: Removing RDD 129 from persistence list
19/02/20 20:21:00 INFO BlockManager: Removing RDD 129
19/02/20 20:21:00 INFO MapPartitionsRDD: Removing RDD 128 from persistence list
19/02/20 20:21:00 INFO BlockManager: Removing RDD 128
19/02/20 20:21:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550673060000 ms:
19/02/20 20:21:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550673060000 ms:
19/02/20 20:21:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:21:00 INFO InputInfoTracker: remove old batch metadata:
19/02/20 20:22:00 INFO MappedDStream: Slicing from 1550673780000 ms to
1550674320000 ms (aligned to 1550673780000 ms and 1550674320000 ms)
19/02/20 20:22:00 INFO FileInputDStream: Finding new files took 14 ms
19/02/20 20:22:00 INFO FileInputDStream: New files at time 1550674320000 ms:
file:/C:/Users/Public/JSON/stocks_price_1550674293.4147592.json
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_24 stored as values in
memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_24_piece0 stored as bytes in
memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Added broadcast_24_piece0 in memory on
192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO SparkContext: Created broadcast 24 from textFileStream at
SparkAnalysesDriver.java:52
19/02/20 20:22:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:22:00 INFO SparkContext: Starting job: sortByKey at
MaximumProfitStock.java:141
19/02/20 20:22:00 INFO DAGScheduler: Registering RDD 156 (mapToPair at
MaximumProfitStock.java:26)
19/02/20 20:22:00 INFO DAGScheduler: Registering RDD 158 (mapToPair at
MaximumProfitStock.java:75)
19/02/20 20:22:00 INFO DAGScheduler: Registering RDD 159 (mapToPair at
MaximumProfitStock.java:43)
19/02/20 20:22:00 INFO DAGScheduler: Registering RDD 161 (mapToPair at
MaximumProfitStock.java:94)
19/02/20 20:22:00 INFO DAGScheduler: Got job 8 (sortByKey at
MaximumProfitStock.java:141) with 8 output partitions
19/02/20 20:22:00 INFO DAGScheduler: Final stage: ResultStage 37 (sortByKey at
MaximumProfitStock.java:141)
19/02/20 20:22:00 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 34, ShuffleMapStage 36)
19/02/20 20:22:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 34,
ShuffleMapStage 36)
19/02/20 20:22:00 INFO DAGScheduler: Submitting ShuffleMapStage 33
(MapPartitionsRDD[156] at mapToPair at MaximumProfitStock.java:26), which has no
missing parents

19/02/20 20:22:00 INFO MemoryStore: Block broadcast_25 stored as values in memory (estimated size 10.0 KB, free 2.2 GB)
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_25_piece0 stored as bytes in memory (estimated size 4.8 KB, free 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Added broadcast_25_piece0 in memory on 192.168.56.1:56546 (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO SparkContext: Created broadcast 25 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 33 (MapPartitionsRDD[156] at mapToPair at MaximumProfitStock.java:26) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:22:00 INFO TaskSchedulerImpl: Adding task set 33.0 with 11 tasks
19/02/20 20:22:00 INFO DAGScheduler: Submitting ShuffleMapStage 35 (MapPartitionsRDD[159] at mapToPair at MaximumProfitStock.java:43), which has no missing parents
19/02/20 20:22:00 INFO TaskSetManager: Starting task 0.0 in stage 33.0 (TID 58, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 1.0 in stage 33.0 (TID 59, localhost, executor driver, partition 1, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 2.0 in stage 33.0 (TID 60, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 3.0 in stage 33.0 (TID 61, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 4.0 in stage 33.0 (TID 62, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 5.0 in stage 33.0 (TID 63, localhost, executor driver, partition 5, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_26 stored as values in memory (estimated size 10.0 KB, free 2.2 GB)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 6.0 in stage 33.0 (TID 64, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 7.0 in stage 33.0 (TID 65, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO Executor: Running task 1.0 in stage 33.0 (TID 59)
19/02/20 20:22:00 INFO Executor: Running task 0.0 in stage 33.0 (TID 58)
19/02/20 20:22:00 INFO Executor: Running task 2.0 in stage 33.0 (TID 60)
19/02/20 20:22:00 INFO Executor: Running task 3.0 in stage 33.0 (TID 61)
19/02/20 20:22:00 INFO Executor: Running task 6.0 in stage 33.0 (TID 64)
19/02/20 20:22:00 INFO Executor: Running task 7.0 in stage 33.0 (TID 65)
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_26_piece0 stored as bytes in memory (estimated size 4.8 KB, free 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Added broadcast_26_piece0 in memory on 192.168.56.1:56546 (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO Executor: Running task 5.0 in stage 33.0 (TID 63)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_44_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_30_0 locally
19/02/20 20:22:00 INFO SparkContext: Created broadcast 26 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:00 INFO BlockManager: Found block rdd_2_0 locally
19/02/20 20:22:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 35 (MapPartitionsRDD[159] at mapToPair at MaximumProfitStock.java:43) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:22:00 INFO TaskSchedulerImpl: Adding task set 35.0 with 11 tasks
19/02/20 20:22:00 INFO Executor: Running task 4.0 in stage 33.0 (TID 62)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_16_0 locally
19/02/20 20:22:00 INFO NewHadoopRDD: Input split: file:/C:/Users/Public/JSON/stocks_price_1550674021.907876.json:0+682
19/02/20 20:22:00 INFO BlockManager: Found block rdd_58_0 locally
19/02/20 20:22:00 INFO Executor: Finished task 3.0 in stage 33.0 (TID 61). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 8.0 in stage 33.0 (TID 66, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:22:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550674130.1639512.json:0+681
19/02/20 20:22:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550674076.2125962.json:0+681
19/02/20 20:22:00 INFO MemoryStore: Block rdd_94_0 stored as bytes in memory
(estimated size 686.0 B, free 2.2 GB)
19/02/20 20:22:00 INFO Executor: Running task 8.0 in stage 33.0 (TID 66)
19/02/20 20:22:00 INFO BlockManagerInfo: Added rdd_94_0 in memory on
192.168.56.1:56546 (size: 686.0 B, free: 2.2 GB)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 3.0 in stage 33.0 (TID 61)
in 16 ms on localhost (executor driver) (1/11)
19/02/20 20:22:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550674185.0549848.json:0+681
19/02/20 20:22:00 INFO MemoryStore: Block rdd_94_1 stored as bytes in memory
(estimated size 685.0 B, free 2.2 GB)
19/02/20 20:22:00 INFO MemoryStore: Block rdd_108_0 stored as bytes in memory
(estimated size 685.0 B, free 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Added rdd_94_1 in memory on
192.168.56.1:56546 (size: 685.0 B, free: 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Added rdd_108_0 in memory on
192.168.56.1:56546 (size: 685.0 B, free: 2.2 GB)
19/02/20 20:22:00 INFO MemoryStore: Block rdd_122_0 stored as bytes in memory
(estimated size 685.0 B, free 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Added rdd_122_0 in memory on
192.168.56.1:56546 (size: 685.0 B, free: 2.2 GB)
19/02/20 20:22:00 INFO Executor: Finished task 1.0 in stage 33.0 (TID 59). 962
bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 9.0 in stage 33.0 (TID 67,
localhost, executor driver, partition 9, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:22:00 INFO Executor: Running task 9.0 in stage 33.0 (TID 67)
19/02/20 20:22:00 INFO Executor: Finished task 2.0 in stage 33.0 (TID 60). 1005
bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 1.0 in stage 33.0 (TID 59)
in 32 ms on localhost (executor driver) (2/11)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 10.0 in stage 33.0 (TID 68,
localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550674239.267531.json:0+681
19/02/20 20:22:00 INFO Executor: Finished task 6.0 in stage 33.0 (TID 64). 1659
bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 0.0 in stage 35.0 (TID 69,
localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 2.0 in stage 33.0 (TID 60)
in 32 ms on localhost (executor driver) (3/11)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 6.0 in stage 33.0 (TID 64)
in 32 ms on localhost (executor driver) (4/11)
19/02/20 20:22:00 INFO Executor: Running task 10.0 in stage 33.0 (TID 68)
19/02/20 20:22:00 INFO Executor: Finished task 8.0 in stage 33.0 (TID 66). 1659
bytes result sent to driver
19/02/20 20:22:00 INFO Executor: Running task 0.0 in stage 35.0 (TID 69)
19/02/20 20:22:00 INFO MemoryStore: Block rdd_136_0 stored as bytes in memory
(estimated size 685.0 B, free 2.2 GB)
19/02/20 20:22:00 INFO Executor: Finished task 7.0 in stage 33.0 (TID 65). 1702
bytes result sent to driver
19/02/20 20:22:00 INFO BlockManagerInfo: Added rdd_136_0 in memory on
192.168.56.1:56546 (size: 685.0 B, free: 2.2 GB)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 1.0 in stage 35.0 (TID 70,
localhost, executor driver, partition 1, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:22:00 INFO Executor: Running task 1.0 in stage 35.0 (TID 70)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 2.0 in stage 35.0 (TID 71,
localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO Executor: Running task 2.0 in stage 35.0 (TID 71)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_2_0 locally
19/02/20 20:22:00 INFO Executor: Finished task 5.0 in stage 33.0 (TID 63). 1659

bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 8.0 in stage 33.0 (TID 66)
in 31 ms on localhost (executor driver) (5/11)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 7.0 in stage 33.0 (TID 65)
in 47 ms on localhost (executor driver) (6/11)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_30_0 locally
19/02/20 20:22:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550674293.4147592.json:0+681
19/02/20 20:22:00 INFO TaskSetManager: Finished task 5.0 in stage 33.0 (TID 63)
in 47 ms on localhost (executor driver) (7/11)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 3.0 in stage 35.0 (TID 72,
localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO Executor: Finished task 0.0 in stage 33.0 (TID 58). 1048
bytes result sent to driver
19/02/20 20:22:00 INFO Executor: Running task 3.0 in stage 35.0 (TID 72)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_16_0 locally
19/02/20 20:22:00 INFO TaskSetManager: Starting task 4.0 in stage 35.0 (TID 73,
localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO Executor: Running task 4.0 in stage 35.0 (TID 73)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 0.0 in stage 33.0 (TID 58)
in 47 ms on localhost (executor driver) (8/11)
19/02/20 20:22:00 INFO MemoryStore: Block rdd_150_0 stored as bytes in memory
(estimated size 685.0 B, free 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Added rdd_150_0 in memory on
192.168.56.1:56546 (size: 685.0 B, free: 2.2 GB)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_44_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_58_0 locally
19/02/20 20:22:00 INFO Executor: Finished task 0.0 in stage 35.0 (TID 69). 962
bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 5.0 in stage 35.0 (TID 74,
localhost, executor driver, partition 5, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:22:00 INFO Executor: Finished task 4.0 in stage 33.0 (TID 62). 962
bytes result sent to driver
19/02/20 20:22:00 INFO Executor: Running task 5.0 in stage 35.0 (TID 74)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 0.0 in stage 35.0 (TID 69)
in 15 ms on localhost (executor driver) (1/11)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 6.0 in stage 35.0 (TID 75,
localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 4.0 in stage 33.0 (TID 62)
in 63 ms on localhost (executor driver) (9/11)
19/02/20 20:22:00 INFO Executor: Running task 6.0 in stage 35.0 (TID 75)
19/02/20 20:22:00 INFO Executor: Finished task 3.0 in stage 35.0 (TID 72). 876
bytes result sent to driver
19/02/20 20:22:00 INFO BlockManager: Found block rdd_94_0 locally
19/02/20 20:22:00 INFO Executor: Finished task 10.0 in stage 33.0 (TID 68). 1659
bytes result sent to driver
19/02/20 20:22:00 INFO BlockManager: Found block rdd_94_1 locally
19/02/20 20:22:00 INFO Executor: Finished task 9.0 in stage 33.0 (TID 67). 1616
bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 7.0 in stage 35.0 (TID 76,
localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO Executor: Running task 7.0 in stage 35.0 (TID 76)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 8.0 in stage 35.0 (TID 77,
localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO Executor: Running task 8.0 in stage 35.0 (TID 77)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 9.0 in stage 35.0 (TID 78,
localhost, executor driver, partition 9, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 3.0 in stage 35.0 (TID 72)
in 16 ms on localhost (executor driver) (2/11)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 9.0 in stage 33.0 (TID 67)
in 31 ms on localhost (executor driver) (10/11)
19/02/20 20:22:00 INFO Executor: Running task 9.0 in stage 35.0 (TID 78)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 10.0 in stage 33.0 (TID 68)
in 31 ms on localhost (executor driver) (11/11)

19/02/20 20:22:00 INFO TaskSchedulerImpl: Removed TaskSet 33.0, whose tasks have all completed, from pool
19/02/20 20:22:00 INFO BlockManager: Found block rdd_108_0 locally
19/02/20 20:22:00 INFO DAGScheduler: ShuffleMapStage 33 (mapToPair at MaximumProfitStock.java:26) finished in 0.063 s
19/02/20 20:22:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:22:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:22:00 INFO DAGScheduler: running: Set(ShuffleMapStage 35)
19/02/20 20:22:00 INFO DAGScheduler: waiting: Set(ResultStage 37, ShuffleMapStage 34, ShuffleMapStage 36)
19/02/20 20:22:00 INFO DAGScheduler: failed: Set()
19/02/20 20:22:00 INFO DAGScheduler: Submitting ShuffleMapStage 34 (MapPartitionsRDD[158] at mapToPair at MaximumProfitStock.java:75), which has no missing parents
19/02/20 20:22:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_27 stored as values in memory (estimated size 4.7 KB, free 2.2 GB)
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_27_piece0 stored as bytes in memory (estimated size 2.7 KB, free 2.2 GB)
19/02/20 20:22:00 INFO Executor: Finished task 2.0 in stage 35.0 (TID 71). 962 bytes result sent to driver
19/02/20 20:22:00 INFO BlockManagerInfo: Added broadcast_27_piece0 in memory on 192.168.56.1:56546 (size: 2.7 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 10.0 in stage 35.0 (TID 79, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 2.0 in stage 35.0 (TID 71) in 31 ms on localhost (executor driver) (3/11)
19/02/20 20:22:00 INFO SparkContext: Created broadcast 27 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:00 INFO Executor: Running task 10.0 in stage 35.0 (TID 79)
19/02/20 20:22:00 INFO DAGScheduler: Submitting 8 missing tasks from ShuffleMapStage 34 (MapPartitionsRDD[158] at mapToPair at MaximumProfitStock.java:75) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7))
19/02/20 20:22:00 INFO TaskSchedulerImpl: Adding task set 34.0 with 8 tasks
19/02/20 20:22:00 INFO Executor: Finished task 1.0 in stage 35.0 (TID 70). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 0.0 in stage 34.0 (TID 80, localhost, executor driver, partition 0, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 1.0 in stage 35.0 (TID 70) in 47 ms on localhost (executor driver) (4/11)
19/02/20 20:22:00 INFO Executor: Running task 0.0 in stage 34.0 (TID 80)
19/02/20 20:22:00 INFO Executor: Finished task 9.0 in stage 35.0 (TID 78). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 1.0 in stage 34.0 (TID 81, localhost, executor driver, partition 1, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:22:00 INFO Executor: Running task 1.0 in stage 34.0 (TID 81)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO Executor: Finished task 7.0 in stage 35.0 (TID 76). 919 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 2.0 in stage 34.0 (TID 82, localhost, executor driver, partition 2, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:22:00 INFO Executor: Finished task 8.0 in stage 35.0 (TID 77). 919 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 9.0 in stage 35.0 (TID 78) in 16 ms on localhost (executor driver) (5/11)
19/02/20 20:22:00 INFO Executor: Running task 2.0 in stage 34.0 (TID 82)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 3.0 in stage 34.0 (TID 83, localhost, executor driver, partition 3, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 8.0 in stage 35.0 (TID 77)

in 16 ms on localhost (executor driver) (6/11)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 7.0 in stage 35.0 (TID 76)
in 16 ms on localhost (executor driver) (7/11)
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:22:00 INFO Executor: Running task 3.0 in stage 34.0 (TID 83)
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:22:00 INFO Executor: Finished task 10.0 in stage 35.0 (TID 79). 962
bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 5.0 in stage 34.0 (TID 84,
localhost, executor driver, partition 5, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 10.0 in stage 35.0 (TID 79)
in 16 ms on localhost (executor driver) (8/11)
19/02/20 20:22:00 INFO Executor: Running task 5.0 in stage 34.0 (TID 84)
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:22:00 INFO Executor: Finished task 1.0 in stage 34.0 (TID 81). 919
bytes result sent to driver
19/02/20 20:22:00 INFO Executor: Finished task 6.0 in stage 35.0 (TID 75). 919
bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 7.0 in stage 34.0 (TID 85,
localhost, executor driver, partition 7, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 4.0 in stage 34.0 (TID 86,
localhost, executor driver, partition 4, ANY, 4610 bytes)
19/02/20 20:22:00 INFO Executor: Running task 7.0 in stage 34.0 (TID 85)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 6.0 in stage 35.0 (TID 75)
in 32 ms on localhost (executor driver) (9/11)
19/02/20 20:22:00 INFO Executor: Finished task 5.0 in stage 35.0 (TID 74). 1005
bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 1.0 in stage 34.0 (TID 81)
in 0 ms on localhost (executor driver) (1/8)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 6.0 in stage 34.0 (TID 87,
localhost, executor driver, partition 6, ANY, 4610 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 5.0 in stage 35.0 (TID 74)
in 47 ms on localhost (executor driver) (10/11)
19/02/20 20:22:00 INFO Executor: Finished task 4.0 in stage 35.0 (TID 73). 962
bytes result sent to driver
19/02/20 20:22:00 INFO Executor: Running task 4.0 in stage 34.0 (TID 86)
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:22:00 INFO TaskSetManager: Finished task 4.0 in stage 35.0 (TID 73)
in 47 ms on localhost (executor driver) (11/11)
19/02/20 20:22:00 INFO TaskSchedulerImpl: Removed TaskSet 35.0, whose tasks have
all completed, from pool
19/02/20 20:22:00 INFO Executor: Running task 6.0 in stage 34.0 (TID 87)
19/02/20 20:22:00 INFO Executor: Finished task 5.0 in stage 34.0 (TID 84). 1005
bytes result sent to driver
19/02/20 20:22:00 INFO DAGScheduler: ShuffleMapStage 35 (mapToPair at
MaximumProfitStock.java:43) finished in 0.078 s
19/02/20 20:22:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:22:00 INFO DAGScheduler: running: Set(ShuffleMapStage 34)

19/02/20 20:22:00 INFO DAGScheduler: waiting: Set(ResultStage 37, ShuffleMapStage 36)
19/02/20 20:22:00 INFO DAGScheduler: failed: Set()
19/02/20 20:22:00 INFO DAGScheduler: Submitting ShuffleMapStage 36 (MapPartitionsRDD[161] at mapToPair at MaximumProfitStock.java:94), which has no missing parents
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO Executor: Finished task 3.0 in stage 34.0 (TID 83). 962 bytes result sent to driver
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_28 stored as values in memory (estimated size 4.7 KB, free 2.2 GB)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 5.0 in stage 34.0 (TID 84) in 15 ms on localhost (executor driver) (2/8)
19/02/20 20:22:00 INFO Executor: Finished task 2.0 in stage 34.0 (TID 82). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 3.0 in stage 34.0 (TID 83) in 15 ms on localhost (executor driver) (3/8)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 2.0 in stage 34.0 (TID 82) in 15 ms on localhost (executor driver) (4/8)
19/02/20 20:22:00 INFO Executor: Finished task 0.0 in stage 34.0 (TID 80). 962 bytes result sent to driver
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_28_piece0 stored as bytes in memory (estimated size 2.7 KB, free 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Added broadcast_28_piece0 in memory on 192.168.56.1:56546 (size: 2.7 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 0.0 in stage 34.0 (TID 80) in 15 ms on localhost (executor driver) (5/8)
19/02/20 20:22:00 INFO SparkContext: Created broadcast 28 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:00 INFO DAGScheduler: Submitting 8 missing tasks from ShuffleMapStage 36 (MapPartitionsRDD[161] at mapToPair at MaximumProfitStock.java:94) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7))
19/02/20 20:22:00 INFO TaskSchedulerImpl: Adding task set 36.0 with 8 tasks
19/02/20 20:22:00 INFO TaskSetManager: Starting task 0.0 in stage 36.0 (TID 88, localhost, executor driver, partition 0, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:22:00 INFO Executor: Finished task 7.0 in stage 34.0 (TID 85). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 1.0 in stage 36.0 (TID 89, localhost, executor driver, partition 1, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 2.0 in stage 36.0 (TID 90, localhost, executor driver, partition 2, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 3.0 in stage 36.0 (TID 91, localhost, executor driver, partition 3, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 5.0 in stage 36.0 (TID 92, localhost, executor driver, partition 5, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:22:00 INFO Executor: Running task 0.0 in stage 36.0 (TID 88)
19/02/20 20:22:00 INFO Executor: Running task 5.0 in stage 36.0 (TID 92)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 7.0 in stage 36.0 (TID 93, localhost, executor driver, partition 7, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:22:00 INFO Executor: Running task 2.0 in stage 36.0 (TID 90)
19/02/20 20:22:00 INFO Executor: Running task 1.0 in stage 36.0 (TID 89)
19/02/20 20:22:00 INFO Executor: Running task 3.0 in stage 36.0 (TID 91)
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms

19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 16 ms
19/02/20 20:22:00 INFO TaskSetManager: Finished task 7.0 in stage 34.0 (TID 85) in 15 ms on localhost (executor driver) (6/8)
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 16 ms
19/02/20 20:22:00 INFO Executor: Running task 7.0 in stage 36.0 (TID 93)
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO Executor: Finished task 5.0 in stage 36.0 (TID 92). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 4.0 in stage 36.0 (TID 94, localhost, executor driver, partition 4, ANY, 4610 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 5.0 in stage 36.0 (TID 92) in 16 ms on localhost (executor driver) (1/8)
19/02/20 20:22:00 INFO Executor: Finished task 2.0 in stage 36.0 (TID 90). 962 bytes result sent to driver
19/02/20 20:22:00 INFO Executor: Running task 4.0 in stage 36.0 (TID 94)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 6.0 in stage 36.0 (TID 95, localhost, executor driver, partition 6, ANY, 4610 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 2.0 in stage 36.0 (TID 90) in 16 ms on localhost (executor driver) (2/8)
19/02/20 20:22:00 INFO Executor: Running task 6.0 in stage 36.0 (TID 95)
19/02/20 20:22:00 INFO Executor: Finished task 3.0 in stage 36.0 (TID 91). 1005 bytes result sent to driver
19/02/20 20:22:00 INFO Executor: Finished task 1.0 in stage 36.0 (TID 89). 1005 bytes result sent to driver
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO Executor: Finished task 4.0 in stage 34.0 (TID 86). 1134 bytes result sent to driver
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO TaskSetManager: Finished task 3.0 in stage 36.0 (TID 91) in 16 ms on localhost (executor driver) (3/8)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 1.0 in stage 36.0 (TID 89) in 16 ms on localhost (executor driver) (4/8)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 4.0 in stage 34.0 (TID 86) in 31 ms on localhost (executor driver) (7/8)
19/02/20 20:22:00 INFO Executor: Finished task 0.0 in stage 36.0 (TID 88). 1005 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 0.0 in stage 36.0 (TID 88) in 16 ms on localhost (executor driver) (5/8)
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO Executor: Finished task 7.0 in stage 36.0 (TID 93). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 7.0 in stage 36.0 (TID 93)

in 31 ms on localhost (executor driver) (6/8)
19/02/20 20:22:00 INFO Executor: Finished task 6.0 in stage 34.0 (TID 87). 1134 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 6.0 in stage 34.0 (TID 87) in 31 ms on localhost (executor driver) (8/8)
19/02/20 20:22:00 INFO TaskSchedulerImpl: Removed TaskSet 34.0, whose tasks have all completed, from pool
19/02/20 20:22:00 INFO DAGScheduler: ShuffleMapStage 34 (mapToPair at MaximumProfitStock.java:75) finished in 0.062 s
19/02/20 20:22:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:22:00 INFO DAGScheduler: running: Set(ShuffleMapStage 36)
19/02/20 20:22:00 INFO DAGScheduler: waiting: Set(ResultStage 37)
19/02/20 20:22:00 INFO DAGScheduler: failed: Set()
19/02/20 20:22:00 INFO Executor: Finished task 4.0 in stage 36.0 (TID 94). 1091 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 4.0 in stage 36.0 (TID 94) in 15 ms on localhost (executor driver) (7/8)
19/02/20 20:22:00 INFO Executor: Finished task 6.0 in stage 36.0 (TID 95). 1134 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 6.0 in stage 36.0 (TID 95) in 31 ms on localhost (executor driver) (8/8)
19/02/20 20:22:00 INFO TaskSchedulerImpl: Removed TaskSet 36.0, whose tasks have all completed, from pool
19/02/20 20:22:00 INFO DAGScheduler: ShuffleMapStage 36 (mapToPair at MaximumProfitStock.java:94) finished in 0.047 s
19/02/20 20:22:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:22:00 INFO DAGScheduler: running: Set()
19/02/20 20:22:00 INFO DAGScheduler: waiting: Set(ResultStage 37)
19/02/20 20:22:00 INFO DAGScheduler: failed: Set()
19/02/20 20:22:00 INFO DAGScheduler: Submitting ResultStage 37 (MapPartitionsRDD[168] at sortByKey at MaximumProfitStock.java:141), which has no missing parents
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_29 stored as values in memory (estimated size 5.6 KB, free 2.2 GB)
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_29_piece0 stored as bytes in memory (estimated size 3.0 KB, free 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Added broadcast_29_piece0 in memory on 192.168.56.1:56546 (size: 3.0 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO SparkContext: Created broadcast 29 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:00 INFO DAGScheduler: Submitting 8 missing tasks from ResultStage 37 (MapPartitionsRDD[168] at sortByKey at MaximumProfitStock.java:141) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7))
19/02/20 20:22:00 INFO TaskSchedulerImpl: Adding task set 37.0 with 8 tasks
19/02/20 20:22:00 INFO TaskSetManager: Starting task 0.0 in stage 37.0 (TID 96, localhost, executor driver, partition 0, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 1.0 in stage 37.0 (TID 97, localhost, executor driver, partition 1, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 2.0 in stage 37.0 (TID 98, localhost, executor driver, partition 2, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 3.0 in stage 37.0 (TID 99, localhost, executor driver, partition 3, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 4.0 in stage 37.0 (TID 100, localhost, executor driver, partition 4, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 5.0 in stage 37.0 (TID 101, localhost, executor driver, partition 5, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 6.0 in stage 37.0 (TID 102, localhost, executor driver, partition 6, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 7.0 in stage 37.0 (TID 103, localhost, executor driver, partition 7, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:22:00 INFO Executor: Running task 0.0 in stage 37.0 (TID 96)
19/02/20 20:22:00 INFO Executor: Running task 3.0 in stage 37.0 (TID 99)
19/02/20 20:22:00 INFO Executor: Running task 6.0 in stage 37.0 (TID 102)
19/02/20 20:22:00 INFO Executor: Running task 2.0 in stage 37.0 (TID 98)

19/02/20 20:22:00 INFO Executor: Running task 5.0 in stage 37.0 (TID 101)
19/02/20 20:22:00 INFO Executor: Running task 1.0 in stage 37.0 (TID 97)
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:22:00 INFO Executor: Running task 7.0 in stage 37.0 (TID 103)
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:22:00 INFO Executor: Running task 4.0 in stage 37.0 (TID 100)
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
16 ms
19/02/20 20:22:00 INFO Executor: Finished task 7.0 in stage 37.0 (TID 103). 997
bytes result sent to driver
19/02/20 20:22:00 INFO Executor: Finished task 3.0 in stage 37.0 (TID 99). 997
bytes result sent to driver

19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO Executor: Finished task 1.0 in stage 37.0 (TID 97). 954 bytes result sent to driver
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO Executor: Finished task 2.0 in stage 37.0 (TID 98). 954 bytes result sent to driver
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO TaskSetManager: Finished task 1.0 in stage 37.0 (TID 97) in 16 ms on localhost (executor driver) (1/8)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 3.0 in stage 37.0 (TID 99) in 16 ms on localhost (executor driver) (2/8)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 7.0 in stage 37.0 (TID 103) in 16 ms on localhost (executor driver) (3/8)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 2.0 in stage 37.0 (TID 98) in 16 ms on localhost (executor driver) (4/8)
19/02/20 20:22:00 INFO Executor: Finished task 5.0 in stage 37.0 (TID 101). 954 bytes result sent to driver
19/02/20 20:22:00 INFO Executor: Finished task 4.0 in stage 37.0 (TID 100). 981 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 5.0 in stage 37.0 (TID 101) in 16 ms on localhost (executor driver) (5/8)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 4.0 in stage 37.0 (TID 100) in 16 ms on localhost (executor driver) (6/8)
19/02/20 20:22:00 INFO Executor: Finished task 6.0 in stage 37.0 (TID 102). 1006 bytes result sent to driver
19/02/20 20:22:00 INFO Executor: Finished task 0.0 in stage 37.0 (TID 96). 997 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 6.0 in stage 37.0 (TID 102) in 16 ms on localhost (executor driver) (7/8)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 0.0 in stage 37.0 (TID 96) in 16 ms on localhost (executor driver) (8/8)
19/02/20 20:22:00 INFO TaskSchedulerImpl: Removed TaskSet 37.0, whose tasks have all completed, from pool
19/02/20 20:22:00 INFO DAGScheduler: ResultStage 37 (sortByKey at MaximumProfitStock.java:141) finished in 0.016 s
19/02/20 20:22:00 INFO DAGScheduler: Job 8 finished: sortByKey at MaximumProfitStock.java:141, took 0.173137 s
19/02/20 20:22:00 INFO MappedDStream: Slicing from 1550673780000 ms to 1550674320000 ms (aligned to 1550673780000 ms and 1550674320000 ms)
19/02/20 20:22:00 INFO MappedDStream: Slicing from 1550673780000 ms to 1550674320000 ms (aligned to 1550673780000 ms and 1550674320000 ms)
19/02/20 20:22:00 INFO SparkContext: Starting job: sortByKey at TradingVolume.java:63
19/02/20 20:22:00 INFO DAGScheduler: Registering RDD 183 (mapToPair at TradingVolume.java:28)
19/02/20 20:22:00 INFO DAGScheduler: Got job 9 (sortByKey at TradingVolume.java:63) with 8 output partitions
19/02/20 20:22:00 INFO DAGScheduler: Final stage: ResultStage 39 (sortByKey at TradingVolume.java:63)
19/02/20 20:22:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 38)
19/02/20 20:22:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 38)
19/02/20 20:22:00 INFO DAGScheduler: Submitting ShuffleMapStage 38 (MapPartitionsRDD[183] at mapToPair at TradingVolume.java:28), which has no missing parents
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_30 stored as values in memory (estimated size 10.0 KB, free 2.2 GB)
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_30_piece0 stored as bytes in memory (estimated size 4.8 KB, free 2.2 GB)

19/02/20 20:22:00 INFO BlockManagerInfo: Added broadcast_30_piece0 in memory on 192.168.56.1:56546 (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO SparkContext: Created broadcast 30 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 38 (MapPartitionsRDD[183] at mapToPair at TradingVolume.java:28) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:22:00 INFO TaskSchedulerImpl: Adding task set 38.0 with 11 tasks
19/02/20 20:22:00 INFO TaskSetManager: Starting task 0.0 in stage 38.0 (TID 104, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 1.0 in stage 38.0 (TID 105, localhost, executor driver, partition 1, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 2.0 in stage 38.0 (TID 106, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 3.0 in stage 38.0 (TID 107, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 4.0 in stage 38.0 (TID 108, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 5.0 in stage 38.0 (TID 109, localhost, executor driver, partition 5, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 6.0 in stage 38.0 (TID 110, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 7.0 in stage 38.0 (TID 111, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO Executor: Running task 2.0 in stage 38.0 (TID 106)
19/02/20 20:22:00 INFO Executor: Running task 5.0 in stage 38.0 (TID 109)
19/02/20 20:22:00 INFO Executor: Running task 3.0 in stage 38.0 (TID 107)
19/02/20 20:22:00 INFO Executor: Running task 0.0 in stage 38.0 (TID 104)
19/02/20 20:22:00 INFO Executor: Running task 1.0 in stage 38.0 (TID 105)
19/02/20 20:22:00 INFO Executor: Running task 4.0 in stage 38.0 (TID 108)
19/02/20 20:22:00 INFO Executor: Running task 7.0 in stage 38.0 (TID 111)
19/02/20 20:22:00 INFO Executor: Running task 6.0 in stage 38.0 (TID 110)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_58_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_30_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_108_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_94_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_44_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_2_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_16_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_94_1 locally
19/02/20 20:22:00 INFO Executor: Finished task 2.0 in stage 38.0 (TID 106). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 8.0 in stage 38.0 (TID 112, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO Executor: Running task 8.0 in stage 38.0 (TID 112)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 2.0 in stage 38.0 (TID 106) in 15 ms on localhost (executor driver) (1/11)
19/02/20 20:22:00 INFO Executor: Finished task 5.0 in stage 38.0 (TID 109). 919 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 5.0 in stage 38.0 (TID 109) in 15 ms on localhost (executor driver) (2/11)
19/02/20 20:22:00 INFO Executor: Finished task 7.0 in stage 38.0 (TID 111). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 9.0 in stage 38.0 (TID 113, localhost, executor driver, partition 9, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 10.0 in stage 38.0 (TID 114, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:22:00 INFO Executor: Running task 9.0 in stage 38.0 (TID 113)
19/02/20 20:22:00 INFO Executor: Running task 10.0 in stage 38.0 (TID 114)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 7.0 in stage 38.0 (TID 111) in 15 ms on localhost (executor driver) (3/11)
19/02/20 20:22:00 INFO Executor: Finished task 1.0 in stage 38.0 (TID 105). 962 bytes result sent to driver

19/02/20 20:22:00 INFO Executor: Finished task 6.0 in stage 38.0 (TID 110). 919 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 1.0 in stage 38.0 (TID 105) in 15 ms on localhost (executor driver) (4/11)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 6.0 in stage 38.0 (TID 110) in 15 ms on localhost (executor driver) (5/11)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:22:00 INFO Executor: Finished task 3.0 in stage 38.0 (TID 107). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 3.0 in stage 38.0 (TID 107) in 15 ms on localhost (executor driver) (6/11)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:22:00 INFO Executor: Finished task 4.0 in stage 38.0 (TID 108). 919 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 4.0 in stage 38.0 (TID 108) in 31 ms on localhost (executor driver) (7/11)
19/02/20 20:22:00 INFO Executor: Finished task 0.0 in stage 38.0 (TID 104). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 0.0 in stage 38.0 (TID 104) in 31 ms on localhost (executor driver) (8/11)
19/02/20 20:22:00 INFO Executor: Finished task 8.0 in stage 38.0 (TID 112). 919 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 8.0 in stage 38.0 (TID 112) in 16 ms on localhost (executor driver) (9/11)
19/02/20 20:22:00 INFO Executor: Finished task 9.0 in stage 38.0 (TID 113). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 9.0 in stage 38.0 (TID 113) in 16 ms on localhost (executor driver) (10/11)
19/02/20 20:22:00 INFO Executor: Finished task 10.0 in stage 38.0 (TID 114). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 10.0 in stage 38.0 (TID 114) in 16 ms on localhost (executor driver) (11/11)
19/02/20 20:22:00 INFO TaskSchedulerImpl: Removed TaskSet 38.0, whose tasks have all completed, from pool
19/02/20 20:22:00 INFO DAGScheduler: ShuffleMapStage 38 (mapToPair at TradingVolume.java:28) finished in 0.031 s
19/02/20 20:22:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:22:00 INFO DAGScheduler: running: Set()
19/02/20 20:22:00 INFO DAGScheduler: waiting: Set(ResultStage 39)
19/02/20 20:22:00 INFO DAGScheduler: failed: Set()
19/02/20 20:22:00 INFO DAGScheduler: Submitting ResultStage 39 (MapPartitionsRDD[187] at sortByKey at TradingVolume.java:63), which has no missing parents
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_31 stored as values in memory (estimated size 5.3 KB, free 2.2 GB)
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_31_piece0 stored as bytes in memory (estimated size 3.0 KB, free 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Added broadcast_31_piece0 in memory on 192.168.56.1:56546 (size: 3.0 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO SparkContext: Created broadcast 31 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:00 INFO DAGScheduler: Submitting 8 missing tasks from ResultStage 39 (MapPartitionsRDD[187] at sortByKey at TradingVolume.java:63) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7))
19/02/20 20:22:00 INFO TaskSchedulerImpl: Adding task set 39.0 with 8 tasks
19/02/20 20:22:00 INFO TaskSetManager: Starting task 0.0 in stage 39.0 (TID 115, localhost, executor driver, partition 0, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 1.0 in stage 39.0 (TID 116, localhost, executor driver, partition 1, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 2.0 in stage 39.0 (TID 117, localhost, executor driver, partition 2, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 3.0 in stage 39.0 (TID 118, localhost, executor driver, partition 3, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 5.0 in stage 39.0 (TID 119,

localhost, executor driver, partition 5, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 7.0 in stage 39.0 (TID 120, localhost, executor driver, partition 7, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 4.0 in stage 39.0 (TID 121, localhost, executor driver, partition 4, ANY, 4621 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 6.0 in stage 39.0 (TID 122, localhost, executor driver, partition 6, ANY, 4621 bytes)
19/02/20 20:22:00 INFO Executor: Running task 5.0 in stage 39.0 (TID 119)
19/02/20 20:22:00 INFO Executor: Running task 3.0 in stage 39.0 (TID 118)
19/02/20 20:22:00 INFO Executor: Running task 1.0 in stage 39.0 (TID 116)
19/02/20 20:22:00 INFO Executor: Running task 2.0 in stage 39.0 (TID 117)
19/02/20 20:22:00 INFO Executor: Running task 0.0 in stage 39.0 (TID 115)
19/02/20 20:22:00 INFO Executor: Running task 7.0 in stage 39.0 (TID 120)
19/02/20 20:22:00 INFO Executor: Running task 6.0 in stage 39.0 (TID 122)
19/02/20 20:22:00 INFO Executor: Running task 4.0 in stage 39.0 (TID 121)
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO Executor: Finished task 3.0 in stage 39.0 (TID 118). 997 bytes result sent to driver
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO Executor: Finished task 2.0 in stage 39.0 (TID 117). 954 bytes result sent to driver
19/02/20 20:22:00 INFO Executor: Finished task 5.0 in stage 39.0 (TID 119). 1040 bytes result sent to driver
19/02/20 20:22:00 INFO Executor: Finished task 7.0 in stage 39.0 (TID 120). 997 bytes result sent to driver
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO TaskSetManager: Finished task 3.0 in stage 39.0 (TID 118) in 25 ms on localhost (executor driver) (1/8)
19/02/20 20:22:00 INFO Executor: Finished task 6.0 in stage 39.0 (TID 122). 1006 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 2.0 in stage 39.0 (TID 117) in 26 ms on localhost (executor driver) (2/8)
19/02/20 20:22:00 INFO Executor: Finished task 4.0 in stage 39.0 (TID 121). 1024 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 5.0 in stage 39.0 (TID 119) in 26 ms on localhost (executor driver) (3/8)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 7.0 in stage 39.0 (TID 120) in 26 ms on localhost (executor driver) (4/8)
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks

out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:22:00 INFO TaskSetManager: Finished task 6.0 in stage 39.0 (TID 122) in 27 ms on localhost (executor driver) (5/8)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 4.0 in stage 39.0 (TID 121) in 27 ms on localhost (executor driver) (6/8)
19/02/20 20:22:00 INFO Executor: Finished task 1.0 in stage 39.0 (TID 116). 997 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 1.0 in stage 39.0 (TID 116) in 29 ms on localhost (executor driver) (7/8)
19/02/20 20:22:00 INFO Executor: Finished task 0.0 in stage 39.0 (TID 115). 1040 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 0.0 in stage 39.0 (TID 115) in 31 ms on localhost (executor driver) (8/8)
19/02/20 20:22:00 INFO TaskSchedulerImpl: Removed TaskSet 39.0, whose tasks have all completed, from pool
19/02/20 20:22:00 INFO DAGScheduler: ResultStage 39 (sortByKey at TradingVolume.java:63) finished in 0.031 s
19/02/20 20:22:00 INFO DAGScheduler: Job 9 finished: sortByKey at TradingVolume.java:63, took 0.065396 s
19/02/20 20:22:00 INFO JobScheduler: Added jobs for time 1550674320000 ms
19/02/20 20:22:00 INFO JobScheduler: Starting job streaming job 1550674320000 ms.0 from job set of time 1550674320000 ms
19/02/20 20:22:00 INFO BlockManagerInfo: Removed broadcast_31_piece0 on 192.168.56.1:56546 in memory (size: 3.0 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Removed broadcast_26_piece0 on 192.168.56.1:56546 in memory (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Removed broadcast_17_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Removed broadcast_12_piece0 on 192.168.56.1:56546 in memory (size: 3.2 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Removed broadcast_11_piece0 on 192.168.56.1:56546 in memory (size: 18.7 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Removed broadcast_30_piece0 on 192.168.56.1:56546 in memory (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Removed broadcast_18_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Removed broadcast_27_piece0 on 192.168.56.1:56546 in memory (size: 2.7 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Removed broadcast_15_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Removed broadcast_25_piece0 on 192.168.56.1:56546 in memory (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Removed broadcast_29_piece0 on 192.168.56.1:56546 in memory (size: 3.0 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Removed broadcast_16_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO SparkContext: Starting job: saveAsTextFile at SimpleMovingAvgClosingPrice.java:59
19/02/20 20:22:00 INFO BlockManagerInfo: Removed broadcast_14_piece0 on 192.168.56.1:56546 in memory (size: 3.1 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO DAGScheduler: Registering RDD 153 (mapToPair at SimpleMovingAvgClosingPrice.java:30)
19/02/20 20:22:00 INFO BlockManagerInfo: Removed broadcast_28_piece0 on 192.168.56.1:56546 in memory (size: 2.7 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO DAGScheduler: Got job 10 (saveAsTextFile at SimpleMovingAvgClosingPrice.java:59) with 1 output partitions
19/02/20 20:22:00 INFO DAGScheduler: Final stage: ResultStage 41 (saveAsTextFile at SimpleMovingAvgClosingPrice.java:59)
19/02/20 20:22:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 40)
19/02/20 20:22:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 40)
19/02/20 20:22:00 INFO BlockManagerInfo: Removed broadcast_13_piece0 on

192.168.56.1:56546 in memory (size: 3.2 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO DAGScheduler: Submitting ShuffleMapStage 40
(MapPartitionsRDD[153] at mapToPair at SimpleMovingAvgClosingPrice.java:30),
which has no missing parents
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_32 stored as values in
memory (estimated size 10.0 KB, free 2.2 GB)
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_32_piece0 stored as bytes in
memory (estimated size 4.8 KB, free 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Added broadcast_32_piece0 in memory on
192.168.56.1:56546 (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO SparkContext: Created broadcast 32 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:22:00 INFO DAGScheduler: Submitting 11 missing tasks from
ShuffleMapStage 40 (MapPartitionsRDD[153] at mapToPair at
SimpleMovingAvgClosingPrice.java:30) (first 15 tasks are for partitions
Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:22:00 INFO TaskSchedulerImpl: Adding task set 40.0 with 11 tasks
19/02/20 20:22:00 INFO TaskSetManager: Starting task 0.0 in stage 40.0 (TID 123,
localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 1.0 in stage 40.0 (TID 124,
localhost, executor driver, partition 1, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 2.0 in stage 40.0 (TID 125,
localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 3.0 in stage 40.0 (TID 126,
localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 4.0 in stage 40.0 (TID 127,
localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 5.0 in stage 40.0 (TID 128,
localhost, executor driver, partition 5, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 6.0 in stage 40.0 (TID 129,
localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 7.0 in stage 40.0 (TID 130,
localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO Executor: Running task 3.0 in stage 40.0 (TID 126)
19/02/20 20:22:00 INFO Executor: Running task 1.0 in stage 40.0 (TID 124)
19/02/20 20:22:00 INFO Executor: Running task 6.0 in stage 40.0 (TID 129)
19/02/20 20:22:00 INFO Executor: Running task 5.0 in stage 40.0 (TID 128)
19/02/20 20:22:00 INFO Executor: Running task 0.0 in stage 40.0 (TID 123)
19/02/20 20:22:00 INFO Executor: Running task 2.0 in stage 40.0 (TID 125)
19/02/20 20:22:00 INFO Executor: Running task 4.0 in stage 40.0 (TID 127)
19/02/20 20:22:00 INFO Executor: Running task 7.0 in stage 40.0 (TID 130)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_2_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_44_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_58_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_30_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_94_1 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_16_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_94_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_108_0 locally
19/02/20 20:22:00 INFO Executor: Finished task 2.0 in stage 40.0 (TID 125). 919
bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 8.0 in stage 40.0 (TID 131,
localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO Executor: Running task 8.0 in stage 40.0 (TID 131)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 2.0 in stage 40.0 (TID 125)
in 16 ms on localhost (executor driver) (1/11)
19/02/20 20:22:00 INFO Executor: Finished task 4.0 in stage 40.0 (TID 127). 919
bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 9.0 in stage 40.0 (TID 132,
localhost, executor driver, partition 9, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 4.0 in stage 40.0 (TID 127)
in 16 ms on localhost (executor driver) (2/11)
19/02/20 20:22:00 INFO Executor: Running task 9.0 in stage 40.0 (TID 132)
19/02/20 20:22:00 INFO Executor: Finished task 3.0 in stage 40.0 (TID 126). 962

bytes result sent to driver
19/02/20 20:22:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:22:00 INFO TaskSetManager: Starting task 10.0 in stage 40.0 (TID 133, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:22:00 INFO Executor: Finished task 6.0 in stage 40.0 (TID 129). 962 bytes result sent to driver
19/02/20 20:22:00 INFO Executor: Running task 10.0 in stage 40.0 (TID 133)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 3.0 in stage 40.0 (TID 126) in 16 ms on localhost (executor driver) (3/11)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 6.0 in stage 40.0 (TID 129) in 16 ms on localhost (executor driver) (4/11)
19/02/20 20:22:00 INFO Executor: Finished task 0.0 in stage 40.0 (TID 123). 919 bytes result sent to driver
19/02/20 20:22:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:22:00 INFO TaskSetManager: Finished task 0.0 in stage 40.0 (TID 123) in 16 ms on localhost (executor driver) (5/11)
19/02/20 20:22:00 INFO Executor: Finished task 7.0 in stage 40.0 (TID 130). 919 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 7.0 in stage 40.0 (TID 130) in 31 ms on localhost (executor driver) (6/11)
19/02/20 20:22:00 INFO Executor: Finished task 1.0 in stage 40.0 (TID 124). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 1.0 in stage 40.0 (TID 124) in 31 ms on localhost (executor driver) (7/11)
19/02/20 20:22:00 INFO Executor: Finished task 5.0 in stage 40.0 (TID 128). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 5.0 in stage 40.0 (TID 128) in 31 ms on localhost (executor driver) (8/11)
19/02/20 20:22:00 INFO Executor: Finished task 9.0 in stage 40.0 (TID 132). 919 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 9.0 in stage 40.0 (TID 132) in 15 ms on localhost (executor driver) (9/11)
19/02/20 20:22:00 INFO Executor: Finished task 8.0 in stage 40.0 (TID 131). 919 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 8.0 in stage 40.0 (TID 131) in 15 ms on localhost (executor driver) (10/11)
19/02/20 20:22:00 INFO Executor: Finished task 10.0 in stage 40.0 (TID 133). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 10.0 in stage 40.0 (TID 133) in 15 ms on localhost (executor driver) (11/11)
19/02/20 20:22:00 INFO TaskSchedulerImpl: Removed TaskSet 40.0, whose tasks have all completed, from pool
19/02/20 20:22:00 INFO DAGScheduler: ShuffleMapStage 40 (mapToPair at SimpleMovingAvgClosingPrice.java:30) finished in 0.031 s
19/02/20 20:22:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:22:00 INFO DAGScheduler: running: Set()
19/02/20 20:22:00 INFO DAGScheduler: waiting: Set(ResultStage 41)
19/02/20 20:22:00 INFO DAGScheduler: failed: Set()
19/02/20 20:22:00 INFO DAGScheduler: Submitting ResultStage 41 (MapPartitionsRDD[190] at saveAsTextFile at SimpleMovingAvgClosingPrice.java:59), which has no missing parents
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_33 stored as values in memory (estimated size 51.7 KB, free 2.2 GB)
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_33_piece0 stored as bytes in memory (estimated size 18.7 KB, free 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Added broadcast_33_piece0 in memory on 192.168.56.1:56546 (size: 18.7 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO SparkContext: Created broadcast 33 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 41 (MapPartitionsRDD[190] at saveAsTextFile at SimpleMovingAvgClosingPrice.java:59) (first 15 tasks are for partitions Vector(0))

19/02/20 20:22:00 INFO TaskSchedulerImpl: Adding task set 41.0 with 1 tasks
19/02/20 20:22:00 INFO TaskSetManager: Starting task 0.0 in stage 41.0 (TID 134, localhost, executor driver, partition 0, ANY, 5023 bytes)
19/02/20 20:22:00 INFO Executor: Running task 0.0 in stage 41.0 (TID 134)
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO FileOutputCommitter: Saved output of task 'attempt_20190220202200_0041_m_000000_134' to file:/C:/Users/Public/output/Analyses1_SMA_1550674320320/_temporary/0/task_20190220202200_0041_m_000000
19/02/20 20:22:00 INFO SparkHadoopMapRedUtil: attempt_20190220202200_0041_m_000000_134: Committed
19/02/20 20:22:00 INFO Executor: Finished task 0.0 in stage 41.0 (TID 134). 1096 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 0.0 in stage 41.0 (TID 134) in 157 ms on localhost (executor driver) (1/1)
19/02/20 20:22:00 INFO TaskSchedulerImpl: Removed TaskSet 41.0, whose tasks have all completed, from pool
19/02/20 20:22:00 INFO DAGScheduler: ResultStage 41 (saveAsTextFile at SimpleMovingAvgClosingPrice.java:59) finished in 0.157 s
19/02/20 20:22:00 INFO DAGScheduler: Job 10 finished: saveAsTextFile at SimpleMovingAvgClosingPrice.java:59, took 0.210423 s
19/02/20 20:22:00 INFO JobScheduler: Finished job streaming job 1550674320000 ms.0 from job set of time 1550674320000 ms
19/02/20 20:22:00 INFO JobScheduler: Starting job streaming job 1550674320000 ms.1 from job set of time 1550674320000 ms
19/02/20 20:22:00 INFO SparkContext: Starting job: print at SimpleMovingAvgClosingPrice.java:61
19/02/20 20:22:00 INFO DAGScheduler: Got job 11 (print at SimpleMovingAvgClosingPrice.java:61) with 1 output partitions
19/02/20 20:22:00 INFO DAGScheduler: Final stage: ResultStage 42 (print at SimpleMovingAvgClosingPrice.java:61)
19/02/20 20:22:00 INFO DAGScheduler: Parents of final stage: List()
19/02/20 20:22:00 INFO DAGScheduler: Missing parents: List()

19/02/20 20:22:00 INFO DAGScheduler: Submitting ResultStage 42 (MapPartitionsRDD[152] at flatMap at SparkAnalysesDriver.java:62), which has no missing parents
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_34 stored as values in memory (estimated size 8.0 KB, free 2.2 GB)
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_34_piece0 stored as bytes in memory (estimated size 3.8 KB, free 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Added broadcast_34_piece0 in memory on 192.168.56.1:56546 (size: 3.8 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO SparkContext: Created broadcast 34 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 42 (MapPartitionsRDD[152] at flatMap at SparkAnalysesDriver.java:62) (first 15 tasks are for partitions Vector(0))
19/02/20 20:22:00 INFO TaskSchedulerImpl: Adding task set 42.0 with 1 tasks
19/02/20 20:22:00 INFO TaskSetManager: Starting task 0.0 in stage 42.0 (TID 135, localhost, executor driver, partition 0, PROCESS_LOCAL, 5048 bytes)
19/02/20 20:22:00 INFO Executor: Running task 0.0 in stage 42.0 (TID 135)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_2_0 locally
19/02/20 20:22:00 INFO Executor: Finished task 0.0 in stage 42.0 (TID 135). 875 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 0.0 in stage 42.0 (TID 135) in 0 ms on localhost (executor driver) (1/1)
19/02/20 20:22:00 INFO TaskSchedulerImpl: Removed TaskSet 42.0, whose tasks have all completed, from pool
19/02/20 20:22:00 INFO DAGScheduler: ResultStage 42(print at SimpleMovingAvgClosingPrice.java:61) finished in 0.000 s
19/02/20 20:22:00 INFO DAGScheduler: Job 11 finished: print at SimpleMovingAvgClosingPrice.java:61, took 0.011736 s
19/02/20 20:22:00 INFO SparkContext: Starting job: print at SimpleMovingAvgClosingPrice.java:61
19/02/20 20:22:00 INFO DAGScheduler: Got job 12 (print at SimpleMovingAvgClosingPrice.java:61) with 3 output partitions
19/02/20 20:22:00 INFO DAGScheduler: Final stage: ResultStage 43 (print at SimpleMovingAvgClosingPrice.java:61)
19/02/20 20:22:00 INFO DAGScheduler: Parents of final stage: List()
19/02/20 20:22:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:22:00 INFO DAGScheduler: Submitting ResultStage 43 (MapPartitionsRDD[152] at flatMap at SparkAnalysesDriver.java:62), which has no missing parents
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_35 stored as values in memory (estimated size 8.0 KB, free 2.2 GB)
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_35_piece0 stored as bytes in memory (estimated size 3.8 KB, free 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Added broadcast_35_piece0 in memory on 192.168.56.1:56546 (size: 3.8 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO SparkContext: Created broadcast 35 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:00 INFO DAGScheduler: Submitting 3 missing tasks from ResultStage 43 (MapPartitionsRDD[152] at flatMap at SparkAnalysesDriver.java:62) (first 15 tasks are for partitions Vector(1, 2, 3))
19/02/20 20:22:00 INFO TaskSchedulerImpl: Adding task set 43.0 with 3 tasks
19/02/20 20:22:00 INFO TaskSetManager: Starting task 0.0 in stage 43.0 (TID 136, localhost, executor driver, partition 1, PROCESS_LOCAL, 5047 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 1.0 in stage 43.0 (TID 137, localhost, executor driver, partition 2, PROCESS_LOCAL, 5048 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 2.0 in stage 43.0 (TID 138, localhost, executor driver, partition 3, PROCESS_LOCAL, 5048 bytes)
19/02/20 20:22:00 INFO Executor: Running task 1.0 in stage 43.0 (TID 137)
19/02/20 20:22:00 INFO Executor: Running task 0.0 in stage 43.0 (TID 136)
19/02/20 20:22:00 INFO Executor: Running task 2.0 in stage 43.0 (TID 138)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_16_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_44_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_30_0 locally

19/02/20 20:22:00 INFO Executor: Finished task 1.0 in stage 43.0 (TID 137). 875 bytes result sent to driver
19/02/20 20:22:00 INFO Executor: Finished task 0.0 in stage 43.0 (TID 136). 875 bytes result sent to driver
19/02/20 20:22:00 INFO Executor: Finished task 2.0 in stage 43.0 (TID 138). 875 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 1.0 in stage 43.0 (TID 137) in 0 ms on localhost (executor driver) (1/3)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 0.0 in stage 43.0 (TID 136) in 0 ms on localhost (executor driver) (2/3)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 2.0 in stage 43.0 (TID 138) in 0 ms on localhost (executor driver) (3/3)
19/02/20 20:22:00 INFO TaskSchedulerImpl: Removed TaskSet 43.0, whose tasks have all completed, from pool
19/02/20 20:22:00 INFO DAGScheduler: ResultStage 43 (print at SimpleMovingAvgClosingPrice.java:61) finished in 0.000 s
19/02/20 20:22:00 INFO DAGScheduler: Job 12 finished: print at SimpleMovingAvgClosingPrice.java:61, took 0.011953 s
19/02/20 20:22:00 INFO JobScheduler: Finished job streaming job 1550674320000 ms.1 from job set of time 1550674320000 ms
19/02/20 20:22:00 INFO JobScheduler: Starting job streaming job 1550674320000 ms.2 from job set of time 1550674320000 ms
19/02/20 20:22:00 INFO SparkContext: Starting job: isEmpty at MaximumProfitStock.java:152
19/02/20 20:22:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 8 is 164 bytes
19/02/20 20:22:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 9 is 164 bytes
19/02/20 20:22:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 7 is 165 bytes
19/02/20 20:22:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 6 is 165 bytes
19/02/20 20:22:00 INFO DAGScheduler: Registering RDD 166 (mapToPair at MaximumProfitStock.java:140)
19/02/20 20:22:00 INFO DAGScheduler: Got job 13 (isEmpty at MaximumProfitStock.java:152) with 1 output partitions
19/02/20 20:22:00 INFO DAGScheduler: Final stage: ResultStage 49 (isEmpty at MaximumProfitStock.java:152)
19/02/20 20:22:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 48)
19/02/20 20:22:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 48)
19/02/20 20:22:00 INFO DAGScheduler: Submitting ShuffleMapStage 48 (MapPartitionsRDD[166] at mapToPair at MaximumProfitStock.java:140), which has no missing parents
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_36 stored as values in memory (estimated size 5.7 KB, free 2.2 GB)
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_36_piece0 stored as bytes in memory (estimated size 3.1 KB, free 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Added broadcast_36_piece0 in memory on 192.168.56.1:56546 (size: 3.1 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO SparkContext: Created broadcast 36 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:00 INFO DAGScheduler: Submitting 8 missing tasks from ShuffleMapStage 48 (MapPartitionsRDD[166] at mapToPair at MaximumProfitStock.java:140) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7))
19/02/20 20:22:00 INFO TaskSchedulerImpl: Adding task set 48.0 with 8 tasks
19/02/20 20:22:00 INFO TaskSetManager: Starting task 0.0 in stage 48.0 (TID 139, localhost, executor driver, partition 0, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 1.0 in stage 48.0 (TID 140, localhost, executor driver, partition 1, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 2.0 in stage 48.0 (TID 141, localhost, executor driver, partition 2, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 3.0 in stage 48.0 (TID 142,

localhost, executor driver, partition 3, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 4.0 in stage 48.0 (TID 143, localhost, executor driver, partition 4, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 5.0 in stage 48.0 (TID 144, localhost, executor driver, partition 5, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 6.0 in stage 48.0 (TID 145, localhost, executor driver, partition 6, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 7.0 in stage 48.0 (TID 146, localhost, executor driver, partition 7, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:22:00 INFO Executor: Running task 6.0 in stage 48.0 (TID 145)
19/02/20 20:22:00 INFO Executor: Running task 4.0 in stage 48.0 (TID 143)
19/02/20 20:22:00 INFO Executor: Running task 3.0 in stage 48.0 (TID 142)
19/02/20 20:22:00 INFO Executor: Running task 1.0 in stage 48.0 (TID 140)
19/02/20 20:22:00 INFO Executor: Running task 2.0 in stage 48.0 (TID 141)
19/02/20 20:22:00 INFO Executor: Running task 0.0 in stage 48.0 (TID 139)
19/02/20 20:22:00 INFO Executor: Running task 5.0 in stage 48.0 (TID 144)
19/02/20 20:22:00 INFO Executor: Running task 7.0 in stage 48.0 (TID 146)
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms

0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 6 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO Executor: Finished task 3.0 in stage 48.0 (TID 142). 1000 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 3.0 in stage 48.0 (TID 142) in 15 ms on localhost (executor driver) (1/8)
19/02/20 20:22:00 INFO Executor: Finished task 2.0 in stage 48.0 (TID 141). 1043 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 2.0 in stage 48.0 (TID 141) in 17 ms on localhost (executor driver) (2/8)
19/02/20 20:22:00 INFO Executor: Finished task 7.0 in stage 48.0 (TID 146). 1043 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 7.0 in stage 48.0 (TID 146) in 18 ms on localhost (executor driver) (3/8)
19/02/20 20:22:00 INFO Executor: Finished task 1.0 in stage 48.0 (TID 140). 1000 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 1.0 in stage 48.0 (TID 140) in 18 ms on localhost (executor driver) (4/8)
19/02/20 20:22:00 INFO Executor: Finished task 0.0 in stage 48.0 (TID 139). 1043 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 0.0 in stage 48.0 (TID 139) in 20 ms on localhost (executor driver) (5/8)
19/02/20 20:22:00 INFO Executor: Finished task 6.0 in stage 48.0 (TID 145). 1129 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 6.0 in stage 48.0 (TID 145) in 21 ms on localhost (executor driver) (6/8)
19/02/20 20:22:00 INFO Executor: Finished task 5.0 in stage 48.0 (TID 144). 1043 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 5.0 in stage 48.0 (TID 144) in 22 ms on localhost (executor driver) (7/8)
19/02/20 20:22:00 INFO Executor: Finished task 4.0 in stage 48.0 (TID 143). 1129 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 4.0 in stage 48.0 (TID 143) in 26 ms on localhost (executor driver) (8/8)
19/02/20 20:22:00 INFO TaskSchedulerImpl: Removed TaskSet 48.0, whose tasks have all completed, from pool
19/02/20 20:22:00 INFO DAGScheduler: ShuffleMapStage 48 (mapToPair at MaximumProfitStock.java:140) finished in 0.027 s
19/02/20 20:22:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:22:00 INFO DAGScheduler: running: Set()
19/02/20 20:22:00 INFO DAGScheduler: waiting: Set(ResultStage 49)
19/02/20 20:22:00 INFO DAGScheduler: failed: Set()
19/02/20 20:22:00 INFO DAGScheduler: Submitting ResultStage 49 (ShuffledRDD[169] at sortByKey at MaximumProfitStock.java:141), which has no missing parents
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_37 stored as values in memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_37_piece0 stored as bytes in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Added broadcast_37_piece0 in memory on

192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO SparkContext: Created broadcast 37 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 49 (ShuffledRDD[169] at sortByKey at MaximumProfitStock.java:141) (first 15 tasks are for partitions Vector(0))
19/02/20 20:22:00 INFO TaskSchedulerImpl: Adding task set 49.0 with 1 tasks
19/02/20 20:22:00 INFO TaskSetManager: Starting task 0.0 in stage 49.0 (TID 147, localhost, executor driver, partition 0, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:22:00 INFO Executor: Running task 0.0 in stage 49.0 (TID 147)
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO Executor: Finished task 0.0 in stage 49.0 (TID 147). 968 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 0.0 in stage 49.0 (TID 147) in 6 ms on localhost (executor driver) (1/1)
19/02/20 20:22:00 INFO TaskSchedulerImpl: Removed TaskSet 49.0, whose tasks have all completed, from pool
19/02/20 20:22:00 INFO DAGScheduler: ResultStage 49 (isEmpty at MaximumProfitStock.java:152) finished in 0.007 s
19/02/20 20:22:00 INFO DAGScheduler: Job 13 finished: isEmpty at MaximumProfitStock.java:152, took 0.050519 s
19/02/20 20:22:00 INFO SparkContext: Starting job: isEmpty at MaximumProfitStock.java:152
19/02/20 20:22:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 8 is 164 bytes
19/02/20 20:22:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 9 is 164 bytes
19/02/20 20:22:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 7 is 165 bytes
19/02/20 20:22:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 6 is 165 bytes
19/02/20 20:22:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 12 is 165 bytes
19/02/20 20:22:00 INFO DAGScheduler: Got job 14 (isEmpty at MaximumProfitStock.java:152) with 2 output partitions
19/02/20 20:22:00 INFO DAGScheduler: Final stage: ResultStage 55 (isEmpty at MaximumProfitStock.java:152)
19/02/20 20:22:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 54)
19/02/20 20:22:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:22:00 INFO DAGScheduler: Submitting ResultStage 55 (ShuffledRDD[169] at sortByKey at MaximumProfitStock.java:141), which has no missing parents
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_38 stored as values in memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_38_piece0 stored as bytes in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Added broadcast_38_piece0 in memory on 192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO SparkContext: Created broadcast 38 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:00 INFO DAGScheduler: Submitting 2 missing tasks from ResultStage 55 (ShuffledRDD[169] at sortByKey at MaximumProfitStock.java:141) (first 15 tasks are for partitions Vector(1, 2))
19/02/20 20:22:00 INFO TaskSchedulerImpl: Adding task set 55.0 with 2 tasks
19/02/20 20:22:00 INFO TaskSetManager: Starting task 0.0 in stage 55.0 (TID 148, localhost, executor driver, partition 1, ANY, 4621 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 1.0 in stage 55.0 (TID 149, localhost, executor driver, partition 2, ANY, 4621 bytes)
19/02/20 20:22:00 INFO Executor: Running task 0.0 in stage 55.0 (TID 148)
19/02/20 20:22:00 INFO Executor: Running task 1.0 in stage 55.0 (TID 149)
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks

out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO Executor: Finished task 0.0 in stage 55.0 (TID 148). 1028 bytes result sent to driver
19/02/20 20:22:00 INFO Executor: Finished task 1.0 in stage 55.0 (TID 149). 1028 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 0.0 in stage 55.0 (TID 148) in 7 ms on localhost (executor driver) (1/2)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 1.0 in stage 55.0 (TID 149) in 6 ms on localhost (executor driver) (2/2)
19/02/20 20:22:00 INFO TaskSchedulerImpl: Removed TaskSet 55.0, whose tasks have all completed, from pool
19/02/20 20:22:00 INFO DAGScheduler: ResultStage 55 (isEmpty at MaximumProfitStock.java:152) finished in 0.007 s
19/02/20 20:22:00 INFO DAGScheduler: Job 14 finished: isEmpty at MaximumProfitStock.java:152, took 0.016530 s
19/02/20 20:22:00 INFO SparkContext: Starting job: take at MaximumProfitStock.java:156
19/02/20 20:22:00 INFO DAGScheduler: Got job 15 (take at MaximumProfitStock.java:156) with 1 output partitions
19/02/20 20:22:00 INFO DAGScheduler: Final stage: ResultStage 61 (take at MaximumProfitStock.java:156)
19/02/20 20:22:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 60)
19/02/20 20:22:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:22:00 INFO DAGScheduler: Submitting ResultStage 61 (ShuffledRDD[169] at sortByKey at MaximumProfitStock.java:141), which has no missing parents
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_39 stored as values in memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_39_piece0 stored as bytes in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Added broadcast_39_piece0 in memory on 192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO SparkContext: Created broadcast 39 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 61 (ShuffledRDD[169] at sortByKey at MaximumProfitStock.java:141) (first 15 tasks are for partitions Vector())
19/02/20 20:22:00 INFO TaskSchedulerImpl: Adding task set 61.0 with 1 tasks
19/02/20 20:22:00 INFO TaskSetManager: Starting task 0.0 in stage 61.0 (TID 150, localhost, executor driver, partition 0, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:22:00 INFO Executor: Running task 0.0 in stage 61.0 (TID 150)
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO Executor: Finished task 0.0 in stage 61.0 (TID 150). 968 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 0.0 in stage 61.0 (TID 150) in 6 ms on localhost (executor driver) (1/1)
19/02/20 20:22:00 INFO TaskSchedulerImpl: Removed TaskSet 61.0, whose tasks have all completed, from pool
19/02/20 20:22:00 INFO DAGScheduler: ResultStage 61 (take at MaximumProfitStock.java:156) finished in 0.006 s
19/02/20 20:22:00 INFO DAGScheduler: Job 15 finished: take at MaximumProfitStock.java:156, took 0.013236 s
19/02/20 20:22:00 INFO SparkContext: Starting job: take at MaximumProfitStock.java:156
19/02/20 20:22:00 INFO DAGScheduler: Got job 16 (take at

MaximumProfitStock.java:156) with 2 output partitions
19/02/20 20:22:00 INFO DAGScheduler: Final stage: ResultStage 67 (take at MaximumProfitStock.java:156)
19/02/20 20:22:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 66)
19/02/20 20:22:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:22:00 INFO DAGScheduler: Submitting ResultStage 67 (ShuffledRDD[169] at sortByKey at MaximumProfitStock.java:141), which has no missing parents
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_40 stored as values in memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_40_piece0 stored as bytes in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Added broadcast_40_piece0 in memory on 192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO SparkContext: Created broadcast 40 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:00 INFO DAGScheduler: Submitting 2 missing tasks from ResultStage 67 (ShuffledRDD[169] at sortByKey at MaximumProfitStock.java:141) (first 15 tasks are for partitions Vector(1, 2))
19/02/20 20:22:00 INFO TaskSchedulerImpl: Adding task set 67.0 with 2 tasks
19/02/20 20:22:00 INFO TaskSetManager: Starting task 0.0 in stage 67.0 (TID 151, localhost, executor driver, partition 1, ANY, 4621 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 1.0 in stage 67.0 (TID 152, localhost, executor driver, partition 2, ANY, 4621 bytes)
19/02/20 20:22:00 INFO Executor: Running task 1.0 in stage 67.0 (TID 152)
19/02/20 20:22:00 INFO Executor: Running task 0.0 in stage 67.0 (TID 151)
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:22:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:00 INFO Executor: Finished task 1.0 in stage 67.0 (TID 152). 1028 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 1.0 in stage 67.0 (TID 152) in 6 ms on localhost (executor driver) (1/2)
19/02/20 20:22:00 INFO Executor: Finished task 0.0 in stage 67.0 (TID 151). 985 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 0.0 in stage 67.0 (TID 151) in 6 ms on localhost (executor driver) (2/2)
19/02/20 20:22:00 INFO TaskSchedulerImpl: Removed TaskSet 67.0, whose tasks have all completed, from pool
19/02/20 20:22:00 INFO DAGScheduler: ResultStage 67 (take at MaximumProfitStock.java:156) finished in 0.006 s
19/02/20 20:22:00 INFO DAGScheduler: Job 16 finished: take at MaximumProfitStock.java:156, took 0.013429 s
19/02/20 20:22:00 INFO JobScheduler: Finished job streaming job 1550674320000 ms.2 from job set of time 1550674320000 ms
19/02/20 20:22:00 INFO JobScheduler: Starting job streaming job 1550674320000 ms.3 from job set of time 1550674320000 ms
19/02/20 20:22:00 INFO SparkContext: Starting job: saveAsTextFile at RelativeStrengthIndex.java:125
19/02/20 20:22:00 INFO DAGScheduler: Registering RDD 175 (filter at RelativeStrengthIndex.java:61)
19/02/20 20:22:00 INFO DAGScheduler: Registering RDD 173 (filter at RelativeStrengthIndex.java:54)
19/02/20 20:22:00 INFO DAGScheduler: Got job 17 (saveAsTextFile at RelativeStrengthIndex.java:125) with 1 output partitions
19/02/20 20:22:00 INFO DAGScheduler: Final stage: ResultStage 70 (saveAsTextFile at RelativeStrengthIndex.java:125)
19/02/20 20:22:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 68, ShuffleMapStage 69)

19/02/20 20:22:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 68, ShuffleMapStage 69)
19/02/20 20:22:00 INFO DAGScheduler: Submitting ShuffleMapStage 68 (MapPartitionsRDD[175] at filter at RelativeStrengthIndex.java:61), which has no missing parents
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_41 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_41_piece0 stored as bytes in memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Added broadcast_41_piece0 in memory on 192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO SparkContext: Created broadcast 41 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 68 (MapPartitionsRDD[175] at filter at RelativeStrengthIndex.java:61) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:22:00 INFO TaskSchedulerImpl: Adding task set 68.0 with 11 tasks
19/02/20 20:22:00 INFO DAGScheduler: Submitting ShuffleMapStage 69 (MapPartitionsRDD[173] at filter at RelativeStrengthIndex.java:54), which has no missing parents
19/02/20 20:22:00 INFO TaskSetManager: Starting task 0.0 in stage 68.0 (TID 153, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 1.0 in stage 68.0 (TID 154, localhost, executor driver, partition 1, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 2.0 in stage 68.0 (TID 155, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 3.0 in stage 68.0 (TID 156, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 4.0 in stage 68.0 (TID 157, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 5.0 in stage 68.0 (TID 158, localhost, executor driver, partition 5, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 6.0 in stage 68.0 (TID 159, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 7.0 in stage 68.0 (TID 160, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_42 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:22:00 INFO Executor: Running task 1.0 in stage 68.0 (TID 154)
19/02/20 20:22:00 INFO Executor: Running task 3.0 in stage 68.0 (TID 156)
19/02/20 20:22:00 INFO Executor: Running task 5.0 in stage 68.0 (TID 158)
19/02/20 20:22:00 INFO Executor: Running task 7.0 in stage 68.0 (TID 160)
19/02/20 20:22:00 INFO Executor: Running task 2.0 in stage 68.0 (TID 155)
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_42_piece0 stored as bytes in memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:22:00 INFO Executor: Running task 0.0 in stage 68.0 (TID 153)
19/02/20 20:22:00 INFO BlockManagerInfo: Added broadcast_42_piece0 in memory on 192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO Executor: Running task 6.0 in stage 68.0 (TID 159)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_30_0 locally
19/02/20 20:22:00 INFO Executor: Running task 4.0 in stage 68.0 (TID 157)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_2_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_94_1 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_94_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_108_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_58_0 locally
19/02/20 20:22:00 INFO SparkContext: Created broadcast 42 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 69 (MapPartitionsRDD[173] at filter at RelativeStrengthIndex.java:54) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:22:00 INFO TaskSchedulerImpl: Adding task set 69.0 with 11 tasks

19/02/20 20:22:00 INFO BlockManager: Found block rdd_44_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_16_0 locally
19/02/20 20:22:00 INFO Executor: Finished task 6.0 in stage 68.0 (TID 159). 919 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 8.0 in stage 68.0 (TID 161, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 6.0 in stage 68.0 (TID 159) in 15 ms on localhost (executor driver) (1/11)
19/02/20 20:22:00 INFO Executor: Running task 8.0 in stage 68.0 (TID 161)
19/02/20 20:22:00 INFO Executor: Finished task 4.0 in stage 68.0 (TID 157). 919 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 9.0 in stage 68.0 (TID 162, localhost, executor driver, partition 9, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 4.0 in stage 68.0 (TID 157) in 15 ms on localhost (executor driver) (2/11)
19/02/20 20:22:00 INFO Executor: Running task 9.0 in stage 68.0 (TID 162)
19/02/20 20:22:00 INFO Executor: Finished task 0.0 in stage 68.0 (TID 153). 833 bytes result sent to driver
19/02/20 20:22:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:22:00 INFO Executor: Finished task 7.0 in stage 68.0 (TID 160). 919 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 10.0 in stage 68.0 (TID 163, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:22:00 INFO Executor: Running task 10.0 in stage 68.0 (TID 163)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 0.0 in stage 69.0 (TID 164, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 0.0 in stage 68.0 (TID 153) in 15 ms on localhost (executor driver) (3/11)
19/02/20 20:22:00 INFO Executor: Finished task 2.0 in stage 68.0 (TID 155). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 7.0 in stage 68.0 (TID 160) in 15 ms on localhost (executor driver) (4/11)
19/02/20 20:22:00 INFO Executor: Running task 0.0 in stage 69.0 (TID 164)
19/02/20 20:22:00 INFO TaskSetManager: Starting task 1.0 in stage 69.0 (TID 165, localhost, executor driver, partition 1, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:22:00 INFO Executor: Running task 1.0 in stage 69.0 (TID 165)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:22:00 INFO TaskSetManager: Finished task 2.0 in stage 68.0 (TID 155) in 15 ms on localhost (executor driver) (5/11)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_2_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_16_0 locally
19/02/20 20:22:00 INFO Executor: Finished task 3.0 in stage 68.0 (TID 156). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 2.0 in stage 69.0 (TID 166, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 3.0 in stage 68.0 (TID 156) in 15 ms on localhost (executor driver) (6/11)
19/02/20 20:22:00 INFO Executor: Running task 2.0 in stage 69.0 (TID 166)
19/02/20 20:22:00 INFO Executor: Finished task 10.0 in stage 68.0 (TID 163). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 3.0 in stage 69.0 (TID 167, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 10.0 in stage 68.0 (TID 163) in 16 ms on localhost (executor driver) (7/11)
19/02/20 20:22:00 INFO Executor: Running task 3.0 in stage 69.0 (TID 167)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_30_0 locally
19/02/20 20:22:00 INFO BlockManager: Found block rdd_44_0 locally
19/02/20 20:22:00 INFO Executor: Finished task 1.0 in stage 68.0 (TID 154). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 4.0 in stage 69.0 (TID 168, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 1.0 in stage 68.0 (TID 154) in 31 ms on localhost (executor driver) (8/11)

19/02/20 20:22:00 INFO Executor: Running task 4.0 in stage 69.0 (TID 168)
19/02/20 20:22:00 INFO Executor: Finished task 5.0 in stage 68.0 (TID 158). 919 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 5.0 in stage 69.0 (TID 169, localhost, executor driver, partition 5, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 5.0 in stage 68.0 (TID 158) in 31 ms on localhost (executor driver) (9/11)
19/02/20 20:22:00 INFO Executor: Running task 5.0 in stage 69.0 (TID 169)
19/02/20 20:22:00 INFO Executor: Finished task 1.0 in stage 69.0 (TID 165). 919 bytes result sent to driver
19/02/20 20:22:00 INFO BlockManager: Found block rdd_58_0 locally
19/02/20 20:22:00 INFO TaskSetManager: Starting task 6.0 in stage 69.0 (TID 170, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 1.0 in stage 69.0 (TID 165) in 16 ms on localhost (executor driver) (1/11)
19/02/20 20:22:00 INFO Executor: Running task 6.0 in stage 69.0 (TID 170)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_94_0 locally
19/02/20 20:22:00 INFO Executor: Finished task 2.0 in stage 69.0 (TID 166). 876 bytes result sent to driver
19/02/20 20:22:00 INFO Executor: Finished task 0.0 in stage 69.0 (TID 164). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 7.0 in stage 69.0 (TID 171, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO Executor: Running task 7.0 in stage 69.0 (TID 171)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_94_1 locally
19/02/20 20:22:00 INFO TaskSetManager: Starting task 8.0 in stage 69.0 (TID 172, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO Executor: Running task 8.0 in stage 69.0 (TID 172)
19/02/20 20:22:00 INFO Executor: Finished task 3.0 in stage 69.0 (TID 167). 833 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Starting task 9.0 in stage 69.0 (TID 173, localhost, executor driver, partition 9, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 2.0 in stage 69.0 (TID 166) in 32 ms on localhost (executor driver) (2/11)
19/02/20 20:22:00 INFO Executor: Running task 9.0 in stage 69.0 (TID 173)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 3.0 in stage 69.0 (TID 167) in 16 ms on localhost (executor driver) (3/11)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_108_0 locally
19/02/20 20:22:00 INFO TaskSetManager: Finished task 0.0 in stage 69.0 (TID 164) in 32 ms on localhost (executor driver) (4/11)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:22:00 INFO Executor: Finished task 9.0 in stage 68.0 (TID 162). 962 bytes result sent to driver
19/02/20 20:22:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:22:00 INFO TaskSetManager: Starting task 10.0 in stage 69.0 (TID 174, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:22:00 INFO TaskSetManager: Finished task 9.0 in stage 68.0 (TID 162) in 32 ms on localhost (executor driver) (10/11)
19/02/20 20:22:00 INFO Executor: Running task 10.0 in stage 69.0 (TID 174)
19/02/20 20:22:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:22:00 INFO Executor: Finished task 6.0 in stage 69.0 (TID 170). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 6.0 in stage 69.0 (TID 170) in 16 ms on localhost (executor driver) (5/11)
19/02/20 20:22:00 INFO Executor: Finished task 8.0 in stage 68.0 (TID 161). 919 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 8.0 in stage 68.0 (TID 161) in 32 ms on localhost (executor driver) (11/11)
19/02/20 20:22:00 INFO TaskSchedulerImpl: Removed TaskSet 68.0, whose tasks have all completed, from pool
19/02/20 20:22:00 INFO DAGScheduler: ShuffleMapStage 68 (filter at RelativeStrengthIndex.java:61) finished in 0.047 s
19/02/20 20:22:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:22:00 INFO DAGScheduler: running: Set(ShuffleMapStage 69)

19/02/20 20:22:00 INFO DAGScheduler: waiting: Set(ResultStage 70)
19/02/20 20:22:00 INFO DAGScheduler: failed: Set()
19/02/20 20:22:00 INFO Executor: Finished task 8.0 in stage 69.0 (TID 172). 876 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 8.0 in stage 69.0 (TID 172) in 0 ms on localhost (executor driver) (6/11)
19/02/20 20:22:00 INFO Executor: Finished task 9.0 in stage 69.0 (TID 173). 876 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 9.0 in stage 69.0 (TID 173) in 0 ms on localhost (executor driver) (7/11)
19/02/20 20:22:00 INFO Executor: Finished task 5.0 in stage 69.0 (TID 169). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 5.0 in stage 69.0 (TID 169) in 16 ms on localhost (executor driver) (8/11)
19/02/20 20:22:00 INFO Executor: Finished task 7.0 in stage 69.0 (TID 171). 962 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 7.0 in stage 69.0 (TID 171) in 17 ms on localhost (executor driver) (9/11)
19/02/20 20:22:00 INFO Executor: Finished task 4.0 in stage 69.0 (TID 168). 876 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 4.0 in stage 69.0 (TID 168) in 34 ms on localhost (executor driver) (10/11)
19/02/20 20:22:00 INFO Executor: Finished task 10.0 in stage 69.0 (TID 174). 919 bytes result sent to driver
19/02/20 20:22:00 INFO TaskSetManager: Finished task 10.0 in stage 69.0 (TID 174) in 19 ms on localhost (executor driver) (11/11)
19/02/20 20:22:00 INFO TaskSchedulerImpl: Removed TaskSet 69.0, whose tasks have all completed, from pool
19/02/20 20:22:00 INFO DAGScheduler: ShuffleMapStage 69 (filter at RelativeStrengthIndex.java:54) finished in 0.051 s
19/02/20 20:22:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:22:00 INFO DAGScheduler: running: Set()
19/02/20 20:22:00 INFO DAGScheduler: waiting: Set(ResultStage 70)
19/02/20 20:22:00 INFO DAGScheduler: failed: Set()
19/02/20 20:22:00 INFO DAGScheduler: Submitting ResultStage 70 (MapPartitionsRDD[192] at saveAsTextFile at RelativeStrengthIndex.java:125), which has no missing parents
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_43 stored as values in memory (estimated size 53.4 KB, free 2.2 GB)
19/02/20 20:22:00 INFO MemoryStore: Block broadcast_43_piece0 stored as bytes in memory (estimated size 19.3 KB, free 2.2 GB)
19/02/20 20:22:00 INFO BlockManagerInfo: Added broadcast_43_piece0 in memory on 192.168.56.1:56546 (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:22:00 INFO SparkContext: Created broadcast 43 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 70 (MapPartitionsRDD[192] at saveAsTextFile at RelativeStrengthIndex.java:125) (first 15 tasks are for partitions Vector(0))
19/02/20 20:22:00 INFO TaskSchedulerImpl: Adding task set 70.0 with 1 tasks
19/02/20 20:22:00 INFO TaskSetManager: Starting task 0.0 in stage 70.0 (TID 175, localhost, executor driver, partition 0, ANY, 5682 bytes)
19/02/20 20:22:00 INFO Executor: Running task 0.0 in stage 70.0 (TID 175)
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms

19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 8 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 9 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 2 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 4 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO FileOutputCommitter: Saved output of task 'attempt_20190220202200_0070_m_000000_175' to file:/C:/Users/Public/output/Analyses3_Rsi_1550674320816/_temporary/0/task_20190220202200_0070_m_000000
19/02/20 20:22:01 INFO SparkHadoopMapRedUtil: attempt_20190220202200_0070_m_000000_175: Committed
19/02/20 20:22:01 INFO Executor: Finished task 0.0 in stage 70.0 (TID 175). 1139 bytes result sent to driver
19/02/20 20:22:01 INFO TaskSetManager: Finished task 0.0 in stage 70.0 (TID 175) in 145 ms on localhost (executor driver) (1/1)
19/02/20 20:22:01 INFO TaskSchedulerImpl: Removed TaskSet 70.0, whose tasks have all completed, from pool

19/02/20 20:22:01 INFO DAGScheduler: ResultStage 70 (saveAsTextFile at RelativeStrengthIndex.java:125) finished in 0.146 s
19/02/20 20:22:01 INFO DAGScheduler: Job 17 finished: saveAsTextFile at RelativeStrengthIndex.java:125, took 0.240180 s
19/02/20 20:22:01 INFO JobScheduler: Finished job streaming job 1550674320000 ms.3 from job set of time 1550674320000 ms
19/02/20 20:22:01 INFO JobScheduler: Starting job streaming job 1550674320000 ms.4 from job set of time 1550674320000 ms
19/02/20 20:22:01 INFO SparkContext: Starting job: isEmpty at TradingVolume.java:71
19/02/20 20:22:01 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 10 is 164 bytes
19/02/20 20:22:01 INFO DAGScheduler: Registering RDD 185 (mapToPair at TradingVolume.java:53)
19/02/20 20:22:01 INFO DAGScheduler: Got job 18 (isEmpty at TradingVolume.java:71) with 1 output partitions
19/02/20 20:22:01 INFO DAGScheduler: Final stage: ResultStage 73 (isEmpty at TradingVolume.java:71)
19/02/20 20:22:01 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 72)
19/02/20 20:22:01 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 72)
19/02/20 20:22:01 INFO DAGScheduler: Submitting ShuffleMapStage 72 (MapPartitionsRDD[185] at mapToPair at TradingVolume.java:53), which has no missing parents
19/02/20 20:22:01 INFO MemoryStore: Block broadcast_44 stored as values in memory (estimated size 5.5 KB, free 2.2 GB)
19/02/20 20:22:01 INFO MemoryStore: Block broadcast_44_piece0 stored as bytes in memory (estimated size 3.1 KB, free 2.2 GB)
19/02/20 20:22:01 INFO BlockManagerInfo: Added broadcast_44_piece0 in memory on 192.168.56.1:56546 (size: 3.1 KB, free: 2.2 GB)
19/02/20 20:22:01 INFO SparkContext: Created broadcast 44 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:01 INFO DAGScheduler: Submitting 8 missing tasks from ShuffleMapStage 72 (MapPartitionsRDD[185] at mapToPair at TradingVolume.java:53) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7))
19/02/20 20:22:01 INFO TaskSchedulerImpl: Adding task set 72.0 with 8 tasks
19/02/20 20:22:01 INFO TaskSetManager: Starting task 0.0 in stage 72.0 (TID 176, localhost, executor driver, partition 0, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:22:01 INFO TaskSetManager: Starting task 1.0 in stage 72.0 (TID 177, localhost, executor driver, partition 1, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:22:01 INFO TaskSetManager: Starting task 2.0 in stage 72.0 (TID 178, localhost, executor driver, partition 2, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:22:01 INFO TaskSetManager: Starting task 3.0 in stage 72.0 (TID 179, localhost, executor driver, partition 3, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:22:01 INFO TaskSetManager: Starting task 5.0 in stage 72.0 (TID 180, localhost, executor driver, partition 5, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:22:01 INFO TaskSetManager: Starting task 7.0 in stage 72.0 (TID 181, localhost, executor driver, partition 7, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:22:01 INFO TaskSetManager: Starting task 4.0 in stage 72.0 (TID 182, localhost, executor driver, partition 4, ANY, 4610 bytes)
19/02/20 20:22:01 INFO TaskSetManager: Starting task 6.0 in stage 72.0 (TID 183, localhost, executor driver, partition 6, ANY, 4610 bytes)
19/02/20 20:22:01 INFO Executor: Running task 2.0 in stage 72.0 (TID 178)
19/02/20 20:22:01 INFO Executor: Running task 4.0 in stage 72.0 (TID 182)
19/02/20 20:22:01 INFO Executor: Running task 3.0 in stage 72.0 (TID 179)
19/02/20 20:22:01 INFO Executor: Running task 1.0 in stage 72.0 (TID 177)
19/02/20 20:22:01 INFO Executor: Running task 0.0 in stage 72.0 (TID 176)
19/02/20 20:22:01 INFO Executor: Running task 7.0 in stage 72.0 (TID 181)
19/02/20 20:22:01 INFO Executor: Running task 5.0 in stage 72.0 (TID 180)
19/02/20 20:22:01 INFO Executor: Running task 6.0 in stage 72.0 (TID 183)
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms

19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO Executor: Finished task 7.0 in stage 72.0 (TID 181). 916 bytes result sent to driver
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:22:01 INFO TaskSetManager: Finished task 7.0 in stage 72.0 (TID 181) in 16 ms on localhost (executor driver) (1/8)
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO Executor: Finished task 0.0 in stage 72.0 (TID 176). 1002 bytes result sent to driver
19/02/20 20:22:01 INFO TaskSetManager: Finished task 0.0 in stage 72.0 (TID 176) in 16 ms on localhost (executor driver) (2/8)
19/02/20 20:22:01 INFO Executor: Finished task 3.0 in stage 72.0 (TID 179). 959 bytes result sent to driver
19/02/20 20:22:01 INFO TaskSetManager: Finished task 3.0 in stage 72.0 (TID 179) in 16 ms on localhost (executor driver) (3/8)
19/02/20 20:22:01 INFO Executor: Finished task 5.0 in stage 72.0 (TID 180). 1002 bytes result sent to driver
19/02/20 20:22:01 INFO Executor: Finished task 2.0 in stage 72.0 (TID 178). 959 bytes result sent to driver
19/02/20 20:22:01 INFO TaskSetManager: Finished task 5.0 in stage 72.0 (TID 180) in 16 ms on localhost (executor driver) (4/8)
19/02/20 20:22:01 INFO TaskSetManager: Finished task 2.0 in stage 72.0 (TID 178) in 16 ms on localhost (executor driver) (5/8)
19/02/20 20:22:01 INFO Executor: Finished task 1.0 in stage 72.0 (TID 177). 959 bytes result sent to driver
19/02/20 20:22:01 INFO TaskSetManager: Finished task 1.0 in stage 72.0 (TID 177) in 16 ms on localhost (executor driver) (6/8)
19/02/20 20:22:01 INFO Executor: Finished task 6.0 in stage 72.0 (TID 183). 1131 bytes result sent to driver
19/02/20 20:22:01 INFO TaskSetManager: Finished task 6.0 in stage 72.0 (TID 183) in 32 ms on localhost (executor driver) (7/8)
19/02/20 20:22:01 INFO Executor: Finished task 4.0 in stage 72.0 (TID 182). 1131 bytes result sent to driver
19/02/20 20:22:01 INFO TaskSetManager: Finished task 4.0 in stage 72.0 (TID 182) in 47 ms on localhost (executor driver) (8/8)
19/02/20 20:22:01 INFO TaskSchedulerImpl: Removed TaskSet 72.0, whose tasks have all completed, from pool
19/02/20 20:22:01 INFO DAGScheduler: ShuffleMapStage 72 (mapToPair at TradingVolume.java:53) finished in 0.047 s

19/02/20 20:22:01 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:22:01 INFO DAGScheduler: running: Set()
19/02/20 20:22:01 INFO DAGScheduler: waiting: Set(ResultStage 73)
19/02/20 20:22:01 INFO DAGScheduler: failed: Set()
19/02/20 20:22:01 INFO DAGScheduler: Submitting ResultStage 73 (ShuffledRDD[188] at sortByKey at TradingVolume.java:63), which has no missing parents
19/02/20 20:22:01 INFO MemoryStore: Block broadcast_45 stored as values in memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:22:01 INFO MemoryStore: Block broadcast_45_piece0 stored as bytes in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:22:01 INFO BlockManagerInfo: Added broadcast_45_piece0 in memory on 192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:22:01 INFO SparkContext: Created broadcast 45 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:01 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 73 (ShuffledRDD[188] at sortByKey at TradingVolume.java:63) (first 15 tasks are for partitions Vector(0))
19/02/20 20:22:01 INFO TaskSchedulerImpl: Adding task set 73.0 with 1 tasks
19/02/20 20:22:01 INFO TaskSetManager: Starting task 0.0 in stage 73.0 (TID 184, localhost, executor driver, partition 0, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:22:01 INFO Executor: Running task 0.0 in stage 73.0 (TID 184)
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO Executor: Finished task 0.0 in stage 73.0 (TID 184). 882 bytes result sent to driver
19/02/20 20:22:01 INFO TaskSetManager: Finished task 0.0 in stage 73.0 (TID 184) in 0 ms on localhost (executor driver) (1/1)
19/02/20 20:22:01 INFO TaskSchedulerImpl: Removed TaskSet 73.0, whose tasks have all completed, from pool
19/02/20 20:22:01 INFO DAGScheduler: ResultStage 73 (isEmpty at TradingVolume.java:71) finished in 0.000 s
19/02/20 20:22:01 INFO DAGScheduler: Job 18 finished: isEmpty at TradingVolume.java:71, took 0.060774 s
19/02/20 20:22:01 INFO SparkContext: Starting job: isEmpty at TradingVolume.java:71
19/02/20 20:22:01 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 10 is 164 bytes
19/02/20 20:22:01 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 15 is 169 bytes
19/02/20 20:22:01 INFO DAGScheduler: Got job 19 (isEmpty at TradingVolume.java:71) with 4 output partitions
19/02/20 20:22:01 INFO DAGScheduler: Final stage: ResultStage 76 (isEmpty at TradingVolume.java:71)
19/02/20 20:22:01 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 75)
19/02/20 20:22:01 INFO DAGScheduler: Missing parents: List()
19/02/20 20:22:01 INFO DAGScheduler: Submitting ResultStage 76 (ShuffledRDD[188] at sortByKey at TradingVolume.java:63), which has no missing parents
19/02/20 20:22:01 INFO MemoryStore: Block broadcast_46 stored as values in memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:22:01 INFO MemoryStore: Block broadcast_46_piece0 stored as bytes in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:22:01 INFO BlockManagerInfo: Added broadcast_46_piece0 in memory on 192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:22:01 INFO SparkContext: Created broadcast 46 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:01 INFO DAGScheduler: Submitting 4 missing tasks from ResultStage 76 (ShuffledRDD[188] at sortByKey at TradingVolume.java:63) (first 15 tasks are for partitions Vector(1, 2, 3, 4))
19/02/20 20:22:01 INFO TaskSchedulerImpl: Adding task set 76.0 with 4 tasks
19/02/20 20:22:01 INFO TaskSetManager: Starting task 0.0 in stage 76.0 (TID 185, localhost, executor driver, partition 1, ANY, 4621 bytes)

19/02/20 20:22:01 INFO TaskSetManager: Starting task 1.0 in stage 76.0 (TID 186, localhost, executor driver, partition 2, ANY, 4621 bytes)
19/02/20 20:22:01 INFO TaskSetManager: Starting task 2.0 in stage 76.0 (TID 187, localhost, executor driver, partition 3, ANY, 4621 bytes)
19/02/20 20:22:01 INFO TaskSetManager: Starting task 3.0 in stage 76.0 (TID 188, localhost, executor driver, partition 4, ANY, 4621 bytes)
19/02/20 20:22:01 INFO Executor: Running task 3.0 in stage 76.0 (TID 188)
19/02/20 20:22:01 INFO Executor: Running task 1.0 in stage 76.0 (TID 186)
19/02/20 20:22:01 INFO Executor: Running task 2.0 in stage 76.0 (TID 187)
19/02/20 20:22:01 INFO Executor: Running task 0.0 in stage 76.0 (TID 185)
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO Executor: Finished task 1.0 in stage 76.0 (TID 186). 897 bytes result sent to driver
19/02/20 20:22:01 INFO Executor: Finished task 0.0 in stage 76.0 (TID 185). 899 bytes result sent to driver
19/02/20 20:22:01 INFO Executor: Finished task 2.0 in stage 76.0 (TID 187). 899 bytes result sent to driver
19/02/20 20:22:01 INFO TaskSetManager: Finished task 1.0 in stage 76.0 (TID 186) in 16 ms on localhost (executor driver) (1/4)
19/02/20 20:22:01 INFO TaskSetManager: Finished task 2.0 in stage 76.0 (TID 187) in 16 ms on localhost (executor driver) (2/4)
19/02/20 20:22:01 INFO TaskSetManager: Finished task 0.0 in stage 76.0 (TID 185) in 16 ms on localhost (executor driver) (3/4)
19/02/20 20:22:01 INFO Executor: Finished task 3.0 in stage 76.0 (TID 188). 943 bytes result sent to driver
19/02/20 20:22:01 INFO TaskSetManager: Finished task 3.0 in stage 76.0 (TID 188) in 16 ms on localhost (executor driver) (4/4)
19/02/20 20:22:01 INFO TaskSchedulerImpl: Removed TaskSet 76.0, whose tasks have all completed, from pool
19/02/20 20:22:01 INFO DAGScheduler: ResultStage 76 (isEmpty at TradingVolume.java:71) finished in 0.016 s
19/02/20 20:22:01 INFO DAGScheduler: Job 19 finished: isEmpty at TradingVolume.java:71, took 0.015135 s
19/02/20 20:22:01 INFO SparkContext: Starting job: take at TradingVolume.java:75
19/02/20 20:22:01 INFO DAGScheduler: Got job 20 (take at TradingVolume.java:75) with 1 output partitions
19/02/20 20:22:01 INFO DAGScheduler: Final stage: ResultStage 79 (take at TradingVolume.java:75)
19/02/20 20:22:01 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 78)
19/02/20 20:22:01 INFO DAGScheduler: Missing parents: List()
19/02/20 20:22:01 INFO DAGScheduler: Submitting ResultStage 79 (ShuffledRDD[188] at sortByKey at TradingVolume.java:63), which has no missing parents
19/02/20 20:22:01 INFO MemoryStore: Block broadcast_47 stored as values in memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:22:01 INFO MemoryStore: Block broadcast_47_piece0 stored as bytes in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:22:01 INFO BlockManagerInfo: Added broadcast_47_piece0 in memory on 192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)

19/02/20 20:22:01 INFO SparkContext: Created broadcast 47 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:01 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 79 (ShuffledRDD[188] at sortByKey at TradingVolume.java:63) (first 15 tasks are for partitions Vector(0))
19/02/20 20:22:01 INFO TaskSchedulerImpl: Adding task set 79.0 with 1 tasks
19/02/20 20:22:01 INFO TaskSetManager: Starting task 0.0 in stage 79.0 (TID 189, localhost, executor driver, partition 0, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:22:01 INFO Executor: Running task 0.0 in stage 79.0 (TID 189)
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO Executor: Finished task 0.0 in stage 79.0 (TID 189). 968 bytes result sent to driver
19/02/20 20:22:01 INFO TaskSetManager: Finished task 0.0 in stage 79.0 (TID 189) in 15 ms on localhost (executor driver) (1/1)
19/02/20 20:22:01 INFO TaskSchedulerImpl: Removed TaskSet 79.0, whose tasks have all completed, from pool
19/02/20 20:22:01 INFO DAGScheduler: ResultStage 79 (take at TradingVolume.java:75) finished in 0.015 s
19/02/20 20:22:01 INFO DAGScheduler: Job 20 finished: take at TradingVolume.java:75, took 0.010762 s
19/02/20 20:22:01 INFO SparkContext: Starting job: take at TradingVolume.java:75
19/02/20 20:22:01 INFO DAGScheduler: Got job 21 (take at TradingVolume.java:75) with 4 output partitions
19/02/20 20:22:01 INFO DAGScheduler: Final stage: ResultStage 82 (take at TradingVolume.java:75)
19/02/20 20:22:01 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 81)
19/02/20 20:22:01 INFO DAGScheduler: Missing parents: List()
19/02/20 20:22:01 INFO DAGScheduler: Submitting ResultStage 82 (ShuffledRDD[188] at sortByKey at TradingVolume.java:63), which has no missing parents
19/02/20 20:22:01 INFO MemoryStore: Block broadcast_48 stored as values in memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:22:01 INFO MemoryStore: Block broadcast_48_piece0 stored as bytes in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:22:01 INFO BlockManagerInfo: Added broadcast_48_piece0 in memory on 192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:22:01 INFO SparkContext: Created broadcast 48 from broadcast at DAGScheduler.scala:1006
19/02/20 20:22:01 INFO DAGScheduler: Submitting 4 missing tasks from ResultStage 82 (ShuffledRDD[188] at sortByKey at TradingVolume.java:63) (first 15 tasks are for partitions Vector(1, 2, 3, 4))
19/02/20 20:22:01 INFO TaskSchedulerImpl: Adding task set 82.0 with 4 tasks
19/02/20 20:22:01 INFO TaskSetManager: Starting task 0.0 in stage 82.0 (TID 190, localhost, executor driver, partition 1, ANY, 4621 bytes)
19/02/20 20:22:01 INFO TaskSetManager: Starting task 1.0 in stage 82.0 (TID 191, localhost, executor driver, partition 2, ANY, 4621 bytes)
19/02/20 20:22:01 INFO TaskSetManager: Starting task 2.0 in stage 82.0 (TID 192, localhost, executor driver, partition 3, ANY, 4621 bytes)
19/02/20 20:22:01 INFO TaskSetManager: Starting task 3.0 in stage 82.0 (TID 193, localhost, executor driver, partition 4, ANY, 4621 bytes)
19/02/20 20:22:01 INFO Executor: Running task 2.0 in stage 82.0 (TID 192)
19/02/20 20:22:01 INFO Executor: Running task 1.0 in stage 82.0 (TID 191)
19/02/20 20:22:01 INFO Executor: Running task 0.0 in stage 82.0 (TID 190)
19/02/20 20:22:01 INFO Executor: Running task 3.0 in stage 82.0 (TID 193)
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks

out of 8 blocks
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:22:01 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 16 ms
19/02/20 20:22:01 INFO Executor: Finished task 2.0 in stage 82.0 (TID 192). 942 bytes result sent to driver
19/02/20 20:22:01 INFO Executor: Finished task 1.0 in stage 82.0 (TID 191). 983 bytes result sent to driver
19/02/20 20:22:01 INFO Executor: Finished task 0.0 in stage 82.0 (TID 190). 942 bytes result sent to driver
19/02/20 20:22:01 INFO TaskSetManager: Finished task 2.0 in stage 82.0 (TID 192) in 19 ms on localhost (executor driver) (1/4)
19/02/20 20:22:01 INFO TaskSetManager: Finished task 1.0 in stage 82.0 (TID 191) in 19 ms on localhost (executor driver) (2/4)
19/02/20 20:22:01 INFO TaskSetManager: Finished task 0.0 in stage 82.0 (TID 190) in 19 ms on localhost (executor driver) (3/4)
19/02/20 20:22:01 INFO Executor: Finished task 3.0 in stage 82.0 (TID 193). 943 bytes result sent to driver
19/02/20 20:22:01 INFO TaskSetManager: Finished task 3.0 in stage 82.0 (TID 193) in 19 ms on localhost (executor driver) (4/4)
19/02/20 20:22:01 INFO TaskSchedulerImpl: Removed TaskSet 82.0, whose tasks have all completed, from pool
19/02/20 20:22:01 INFO DAGScheduler: ResultStage 82 (take at TradingVolume.java:75) finished in 0.020 s
19/02/20 20:22:01 INFO DAGScheduler: Job 21 finished: take at TradingVolume.java:75, took 0.014008 s
19/02/20 20:22:01 INFO JobScheduler: Finished job streaming job 1550674320000 ms.4 from job set of time 1550674320000 ms
19/02/20 20:22:01 INFO MapPartitionsRDD: Removing RDD 63 from persistence list
19/02/20 20:22:01 INFO JobScheduler: Total delay: 1.308 s for time 1550674320000 ms (execution: 0.989 s)
19/02/20 20:22:01 INFO BlockManager: Removing RDD 63
19/02/20 20:22:01 INFO ShuffledRDD: Removing RDD 62 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 62
19/02/20 20:22:01 INFO MapPartitionsRDD: Removing RDD 61 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 61
19/02/20 20:22:01 INFO MapPartitionsRDD: Removing RDD 60 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 60
19/02/20 20:22:01 INFO UnionRDD: Removing RDD 59 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 59
19/02/20 20:22:01 INFO FileInputDStream: Cleared 0 old files that were older than 1550673120000 ms:
19/02/20 20:22:01 INFO FileInputDStream: Cleared 0 old files that were older than 1550673120000 ms:
19/02/20 20:22:01 INFO ShuffledRDD: Removing RDD 77 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 77
19/02/20 20:22:01 INFO MapPartitionsRDD: Removing RDD 74 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 74
19/02/20 20:22:01 INFO MapPartitionsRDD: Removing RDD 73 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 73
19/02/20 20:22:01 INFO MapPartitionsRDD: Removing RDD 72 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 72
19/02/20 20:22:01 INFO MapPartitionsRDD: Removing RDD 66 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 66
19/02/20 20:22:01 INFO ShuffledRDD: Removing RDD 65 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 65
19/02/20 20:22:01 INFO MapPartitionsRDD: Removing RDD 64 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 64
19/02/20 20:22:01 INFO FileInputDStream: Cleared 0 old files that were older


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than 1550673120000 ms:
19/02/20 20:22:01 INFO MapPartitionsRDD: Removing RDD 69 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 69
19/02/20 20:22:01 INFO ShuffledRDD: Removing RDD 68 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 68
19/02/20 20:22:01 INFO MapPartitionsRDD: Removing RDD 67 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 67
19/02/20 20:22:01 INFO FileInputDStream: Cleared 0 old files that were older
than 1550673120000 ms:
19/02/20 20:22:01 INFO MapPartitionsRDD: Removing RDD 147 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 147
19/02/20 20:22:01 INFO MapPartitionsRDD: Removing RDD 146 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 146
19/02/20 20:22:01 INFO ShuffledRDD: Removing RDD 141 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 141
19/02/20 20:22:01 INFO MapPartitionsRDD: Removing RDD 140 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 140
19/02/20 20:22:01 INFO MapPartitionsRDD: Removing RDD 139 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 139
19/02/20 20:22:01 INFO MapPartitionsRDD: Removing RDD 138 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 138
19/02/20 20:22:01 INFO UnionRDD: Removing RDD 137 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 137
19/02/20 20:22:01 INFO FileInputDStream: Cleared 0 old files that were older
than 1550673120000 ms:
19/02/20 20:22:01 INFO ShuffledRDD: Removing RDD 143 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 143
19/02/20 20:22:01 INFO MapPartitionsRDD: Removing RDD 142 from persistence list
19/02/20 20:22:01 INFO BlockManager: Removing RDD 142
19/02/20 20:22:01 INFO FileInputDStream: Cleared 0 old files that were older
than 1550673120000 ms:
19/02/20 20:22:01 INFO FileInputDStream: Cleared 0 old files that were older
than 1550673120000 ms:
19/02/20 20:22:01 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:22:01 INFO InputInfoTracker: remove old batch metadata:
19/02/20 20:23:00 INFO MappedDStream: Time 1550674380000 ms is invalid as
zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is
660000 ms
19/02/20 20:23:00 INFO FlatMappedDStream: Time 1550674380000 ms is invalid as
zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is
660000 ms
19/02/20 20:23:00 INFO TransformedDStream: Time 1550674380000 ms is invalid as
zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is
660000 ms
19/02/20 20:23:00 INFO MappedDStream: Slicing from 1550673840000 ms to
1550674380000 ms (aligned to 1550673840000 ms and 1550674380000 ms)
19/02/20 20:23:00 INFO FileInputDStream: Finding new files took 19 ms
19/02/20 20:23:00 INFO FileInputDStream: New files at time 1550674380000 ms:
file:/C:/Users/Public/JSON/stocks_price_1550674349.3471165.json
19/02/20 20:23:00 INFO MemoryStore: Block broadcast_49 stored as values in
memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:23:00 INFO MemoryStore: Block broadcast_49_piece0 stored as bytes in
memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:23:00 INFO BlockManagerInfo: Added broadcast_49_piece0 in memory on
192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:23:00 INFO SparkContext: Created broadcast 49 from textFileStream at
SparkAnalysesDriver.java:52
19/02/20 20:23:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:23:00 INFO TransformedDStream: Time 1550674380000 ms is invalid as
zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is
660000 ms
19/02/20 20:23:00 INFO JobScheduler: Added jobs for time 1550674380000 ms
19/02/20 20:23:00 INFO JobScheduler: Starting job streaming job 1550674380000
ms.0 from job set of time 1550674380000 ms

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19/02/20 20:23:00 INFO SparkContext: Starting job: saveAsTextFile at
RelativeStrengthIndex.java:125
19/02/20 20:23:00 INFO DAGScheduler: Registering RDD 199 (filter at
RelativeStrengthIndex.java:54)
19/02/20 20:23:00 INFO DAGScheduler: Registering RDD 201 (filter at
RelativeStrengthIndex.java:61)
19/02/20 20:23:00 INFO DAGScheduler: Got job 22 (saveAsTextFile at
RelativeStrengthIndex.java:125) with 1 output partitions
19/02/20 20:23:00 INFO DAGScheduler: Final stage: ResultStage 85 (saveAsTextFile
at RelativeStrengthIndex.java:125)
19/02/20 20:23:00 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 84, ShuffleMapStage 83)
19/02/20 20:23:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 84,
ShuffleMapStage 83)
19/02/20 20:23:00 INFO DAGScheduler: Submitting ShuffleMapStage 83
(MapPartitionsRDD[199] at filter at RelativeStrengthIndex.java:54), which has no
missing parents
19/02/20 20:23:00 INFO MemoryStore: Block broadcast_50 stored as values in
memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:23:00 INFO MemoryStore: Block broadcast_50_piece0 stored as bytes in
memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:23:00 INFO BlockManagerInfo: Added broadcast_50_piece0 in memory on
192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:23:00 INFO SparkContext: Created broadcast 50 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:23:00 INFO DAGScheduler: Submitting 11 missing tasks from
ShuffleMapStage 83 (MapPartitionsRDD[199] at filter at
RelativeStrengthIndex.java:54) (first 15 tasks are for partitions Vector(0, 1,
2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:23:00 INFO TaskSchedulerImpl: Adding task set 83.0 with 11 tasks
19/02/20 20:23:00 INFO DAGScheduler: Submitting ShuffleMapStage 84
(MapPartitionsRDD[201] at filter at RelativeStrengthIndex.java:61), which has no
missing parents
19/02/20 20:23:00 INFO TaskSetManager: Starting task 0.0 in stage 83.0 (TID 194,
localhost, executor driver, partition 0, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:23:00 INFO TaskSetManager: Starting task 1.0 in stage 83.0 (TID 195,
localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:23:00 INFO TaskSetManager: Starting task 2.0 in stage 83.0 (TID 196,
localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:23:00 INFO TaskSetManager: Starting task 3.0 in stage 83.0 (TID 197,
localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:23:00 INFO TaskSetManager: Starting task 4.0 in stage 83.0 (TID 198,
localhost, executor driver, partition 4, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:23:00 INFO TaskSetManager: Starting task 5.0 in stage 83.0 (TID 199,
localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:23:00 INFO TaskSetManager: Starting task 6.0 in stage 83.0 (TID 200,
localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:23:00 INFO TaskSetManager: Starting task 7.0 in stage 83.0 (TID 201,
localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:23:00 INFO MemoryStore: Block broadcast_51 stored as values in
memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:23:00 INFO Executor: Running task 0.0 in stage 83.0 (TID 194)
19/02/20 20:23:00 INFO Executor: Running task 4.0 in stage 83.0 (TID 198)
19/02/20 20:23:00 INFO Executor: Running task 3.0 in stage 83.0 (TID 197)
19/02/20 20:23:00 INFO Executor: Running task 1.0 in stage 83.0 (TID 195)
19/02/20 20:23:00 INFO Executor: Running task 5.0 in stage 83.0 (TID 199)
19/02/20 20:23:00 INFO Executor: Running task 6.0 in stage 83.0 (TID 200)
19/02/20 20:23:00 INFO Executor: Running task 2.0 in stage 83.0 (TID 196)
19/02/20 20:23:00 INFO Executor: Running task 7.0 in stage 83.0 (TID 201)
19/02/20 20:23:00 INFO MemoryStore: Block broadcast_51_piece0 stored as bytes in
memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:23:00 INFO BlockManagerInfo: Added broadcast_51_piece0 in memory on
192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:23:00 INFO SparkContext: Created broadcast 51 from broadcast at

DAGScheduler.scala:1006

19/02/20 20:23:00 INFO BlockManager: Found block rdd_94_0 locally
19/02/20 20:23:00 INFO BlockManager: Found block rdd_16_0 locally
19/02/20 20:23:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 84 (MapPartitionsRDD[201] at filter at RelativeStrengthIndex.java:61) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:23:00 INFO TaskSchedulerImpl: Adding task set 84.0 with 11 tasks
19/02/20 20:23:00 INFO BlockManager: Found block rdd_30_0 locally
19/02/20 20:23:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:23:00 INFO BlockManager: Found block rdd_94_1 locally
19/02/20 20:23:00 INFO BlockManager: Found block rdd_44_0 locally
19/02/20 20:23:00 INFO BlockManager: Found block rdd_108_0 locally
19/02/20 20:23:00 INFO BlockManager: Found block rdd_58_0 locally
19/02/20 20:23:00 INFO Executor: Finished task 1.0 in stage 83.0 (TID 195). 833 bytes result sent to driver
19/02/20 20:23:00 INFO TaskSetManager: Starting task 8.0 in stage 83.0 (TID 202, localhost, executor driver, partition 8, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:23:00 INFO Executor: Running task 8.0 in stage 83.0 (TID 202)
19/02/20 20:23:00 INFO TaskSetManager: Finished task 1.0 in stage 83.0 (TID 195) in 16 ms on localhost (executor driver) (1/11)
19/02/20 20:23:00 INFO Executor: Finished task 0.0 in stage 83.0 (TID 194). 962 bytes result sent to driver
19/02/20 20:23:00 INFO TaskSetManager: Starting task 9.0 in stage 83.0 (TID 203, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:23:00 INFO TaskSetManager: Finished task 0.0 in stage 83.0 (TID 194) in 16 ms on localhost (executor driver) (2/11)
19/02/20 20:23:00 INFO Executor: Running task 9.0 in stage 83.0 (TID 203)
19/02/20 20:23:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:23:00 INFO Executor: Finished task 6.0 in stage 83.0 (TID 200). 919 bytes result sent to driver
19/02/20 20:23:00 INFO TaskSetManager: Starting task 10.0 in stage 83.0 (TID 204, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:23:00 INFO Executor: Running task 10.0 in stage 83.0 (TID 204)
19/02/20 20:23:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:23:00 INFO Executor: Finished task 4.0 in stage 83.0 (TID 198). 962 bytes result sent to driver
19/02/20 20:23:00 INFO TaskSetManager: Starting task 0.0 in stage 84.0 (TID 205, localhost, executor driver, partition 0, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:23:00 INFO TaskSetManager: Finished task 4.0 in stage 83.0 (TID 198) in 16 ms on localhost (executor driver) (3/11)
19/02/20 20:23:00 INFO TaskSetManager: Finished task 6.0 in stage 83.0 (TID 200) in 16 ms on localhost (executor driver) (4/11)
19/02/20 20:23:00 INFO Executor: Running task 0.0 in stage 84.0 (TID 205)
19/02/20 20:23:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550674349.3471165.json:0+682
19/02/20 20:23:00 INFO Executor: Finished task 7.0 in stage 83.0 (TID 201). 962 bytes result sent to driver
19/02/20 20:23:00 INFO BlockManager: Found block rdd_16_0 locally
19/02/20 20:23:00 INFO TaskSetManager: Starting task 1.0 in stage 84.0 (TID 206, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:23:00 INFO Executor: Running task 1.0 in stage 84.0 (TID 206)
19/02/20 20:23:00 INFO TaskSetManager: Finished task 7.0 in stage 83.0 (TID 201) in 31 ms on localhost (executor driver) (5/11)
19/02/20 20:23:00 INFO MemoryStore: Block rdd_195_0 stored as bytes in memory (estimated size 686.0 B, free 2.2 GB)
19/02/20 20:23:00 INFO BlockManagerInfo: Added rdd_195_0 in memory on 192.168.56.1:56546 (size: 686.0 B, free: 2.2 GB)
19/02/20 20:23:00 INFO BlockManager: Found block rdd_30_0 locally
19/02/20 20:23:00 INFO Executor: Finished task 2.0 in stage 83.0 (TID 196). 876 bytes result sent to driver
19/02/20 20:23:00 INFO TaskSetManager: Starting task 2.0 in stage 84.0 (TID 207, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:23:00 INFO Executor: Finished task 9.0 in stage 83.0 (TID 203). 919

bytes result sent to driver
19/02/20 20:23:00 INFO TaskSetManager: Finished task 2.0 in stage 83.0 (TID 196) in 31 ms on localhost (executor driver) (6/11)
19/02/20 20:23:00 INFO Executor: Running task 2.0 in stage 84.0 (TID 207)
19/02/20 20:23:00 INFO TaskSetManager: Starting task 3.0 in stage 84.0 (TID 208, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:23:00 INFO Executor: Finished task 5.0 in stage 83.0 (TID 199). 962 bytes result sent to driver
19/02/20 20:23:00 INFO Executor: Running task 3.0 in stage 84.0 (TID 208)
19/02/20 20:23:00 INFO TaskSetManager: Starting task 4.0 in stage 84.0 (TID 209, localhost, executor driver, partition 4, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:23:00 INFO Executor: Running task 4.0 in stage 84.0 (TID 209)
19/02/20 20:23:00 INFO Executor: Finished task 3.0 in stage 83.0 (TID 197). 876 bytes result sent to driver
19/02/20 20:23:00 INFO BlockManager: Found block rdd_44_0 locally
19/02/20 20:23:00 INFO TaskSetManager: Finished task 9.0 in stage 83.0 (TID 203) in 15 ms on localhost (executor driver) (7/11)
19/02/20 20:23:00 INFO TaskSetManager: Finished task 5.0 in stage 83.0 (TID 199) in 31 ms on localhost (executor driver) (8/11)
19/02/20 20:23:00 INFO TaskSetManager: Starting task 5.0 in stage 84.0 (TID 210, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:23:00 INFO TaskSetManager: Finished task 3.0 in stage 83.0 (TID 197) in 31 ms on localhost (executor driver) (9/11)
19/02/20 20:23:00 INFO BlockManager: Found block rdd_58_0 locally
19/02/20 20:23:00 INFO BlockManager: Found block rdd_94_0 locally
19/02/20 20:23:00 INFO Executor: Running task 5.0 in stage 84.0 (TID 210)
19/02/20 20:23:00 INFO Executor: Finished task 1.0 in stage 84.0 (TID 206). 876 bytes result sent to driver
19/02/20 20:23:00 INFO BlockManager: Found block rdd_94_1 locally
19/02/20 20:23:00 INFO TaskSetManager: Starting task 6.0 in stage 84.0 (TID 211, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:23:00 INFO TaskSetManager: Finished task 1.0 in stage 84.0 (TID 206) in 0 ms on localhost (executor driver) (1/11)
19/02/20 20:23:00 INFO Executor: Running task 6.0 in stage 84.0 (TID 211)
19/02/20 20:23:00 INFO Executor: Finished task 2.0 in stage 84.0 (TID 207). 876 bytes result sent to driver
19/02/20 20:23:00 INFO TaskSetManager: Starting task 7.0 in stage 84.0 (TID 212, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:23:00 INFO TaskSetManager: Finished task 2.0 in stage 84.0 (TID 207) in 0 ms on localhost (executor driver) (2/11)
19/02/20 20:23:00 INFO Executor: Running task 7.0 in stage 84.0 (TID 212)
19/02/20 20:23:00 INFO Executor: Finished task 3.0 in stage 84.0 (TID 208). 876 bytes result sent to driver
19/02/20 20:23:00 INFO TaskSetManager: Starting task 8.0 in stage 84.0 (TID 213, localhost, executor driver, partition 8, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:23:00 INFO TaskSetManager: Finished task 3.0 in stage 84.0 (TID 208) in 16 ms on localhost (executor driver) (3/11)
19/02/20 20:23:00 INFO Executor: Running task 8.0 in stage 84.0 (TID 213)
19/02/20 20:23:00 INFO BlockManager: Found block rdd_108_0 locally
19/02/20 20:23:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:23:00 INFO Executor: Finished task 5.0 in stage 84.0 (TID 210). 962 bytes result sent to driver
19/02/20 20:23:00 INFO TaskSetManager: Starting task 9.0 in stage 84.0 (TID 214, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:23:00 INFO TaskSetManager: Finished task 5.0 in stage 84.0 (TID 210) in 16 ms on localhost (executor driver) (4/11)
19/02/20 20:23:00 INFO Executor: Running task 9.0 in stage 84.0 (TID 214)
19/02/20 20:23:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:23:00 INFO Executor: Finished task 10.0 in stage 83.0 (TID 204). 1659 bytes result sent to driver
19/02/20 20:23:00 INFO TaskSetManager: Starting task 10.0 in stage 84.0 (TID 215, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:23:00 INFO TaskSetManager: Finished task 10.0 in stage 83.0 (TID 204) in 31 ms on localhost (executor driver) (10/11)

19/02/20 20:23:00 INFO Executor: Running task 10.0 in stage 84.0 (TID 215)
19/02/20 20:23:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:23:00 INFO Executor: Finished task 0.0 in stage 84.0 (TID 205). 962
bytes result sent to driver
19/02/20 20:23:00 INFO TaskSetManager: Finished task 0.0 in stage 84.0 (TID 205)
in 31 ms on localhost (executor driver) (5/11)
19/02/20 20:23:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:23:00 INFO Executor: Finished task 8.0 in stage 83.0 (TID 202). 919
bytes result sent to driver
19/02/20 20:23:00 INFO TaskSetManager: Finished task 8.0 in stage 83.0 (TID 202)
in 31 ms on localhost (executor driver) (11/11)
19/02/20 20:23:00 INFO TaskSchedulerImpl: Removed TaskSet 83.0, whose tasks have
all completed, from pool
19/02/20 20:23:00 INFO DAGScheduler: ShuffleMapStage 83 (filter at
RelativeStrengthIndex.java:54) finished in 0.047 s
19/02/20 20:23:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:23:00 INFO DAGScheduler: running: Set(ShuffleMapStage 84)
19/02/20 20:23:00 INFO DAGScheduler: waiting: Set(ResultStage 85)
19/02/20 20:23:00 INFO DAGScheduler: failed: Set()
19/02/20 20:23:00 INFO Executor: Finished task 8.0 in stage 84.0 (TID 213). 876
bytes result sent to driver
19/02/20 20:23:00 INFO TaskSetManager: Finished task 8.0 in stage 84.0 (TID 213)
in 16 ms on localhost (executor driver) (6/11)
19/02/20 20:23:00 INFO Executor: Finished task 7.0 in stage 84.0 (TID 212). 962
bytes result sent to driver
19/02/20 20:23:00 INFO TaskSetManager: Finished task 7.0 in stage 84.0 (TID 212)
in 16 ms on localhost (executor driver) (7/11)
19/02/20 20:23:00 INFO Executor: Finished task 6.0 in stage 84.0 (TID 211). 962
bytes result sent to driver
19/02/20 20:23:00 INFO TaskSetManager: Finished task 6.0 in stage 84.0 (TID 211)
in 16 ms on localhost (executor driver) (8/11)
19/02/20 20:23:00 INFO Executor: Finished task 4.0 in stage 84.0 (TID 209). 919
bytes result sent to driver
19/02/20 20:23:00 INFO TaskSetManager: Finished task 4.0 in stage 84.0 (TID 209)
in 16 ms on localhost (executor driver) (9/11)
19/02/20 20:23:00 INFO Executor: Finished task 10.0 in stage 84.0 (TID 215). 790
bytes result sent to driver
19/02/20 20:23:00 INFO TaskSetManager: Finished task 10.0 in stage 84.0 (TID
215) in 0 ms on localhost (executor driver) (10/11)
19/02/20 20:23:00 INFO Executor: Finished task 9.0 in stage 84.0 (TID 214). 876
bytes result sent to driver
19/02/20 20:23:00 INFO TaskSetManager: Finished task 9.0 in stage 84.0 (TID 214)
in 15 ms on localhost (executor driver) (11/11)
19/02/20 20:23:00 INFO TaskSchedulerImpl: Removed TaskSet 84.0, whose tasks have
all completed, from pool
19/02/20 20:23:00 INFO DAGScheduler: ShuffleMapStage 84 (filter at
RelativeStrengthIndex.java:61) finished in 0.062 s
19/02/20 20:23:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:23:00 INFO DAGScheduler: running: Set()
19/02/20 20:23:00 INFO DAGScheduler: waiting: Set(ResultStage 85)
19/02/20 20:23:00 INFO DAGScheduler: failed: Set()
19/02/20 20:23:00 INFO DAGScheduler: Submitting ResultStage 85
(MapPartitionsRDD[208] at saveAsTextFile at RelativeStrengthIndex.java:125),
which has no missing parents
19/02/20 20:23:00 INFO MemoryStore: Block broadcast_52 stored as values in
memory (estimated size 53.4 KB, free 2.2 GB)
19/02/20 20:23:00 INFO MemoryStore: Block broadcast_52_piece0 stored as bytes in
memory (estimated size 19.3 KB, free 2.2 GB)
19/02/20 20:23:00 INFO BlockManagerInfo: Added broadcast_52_piece0 in memory on
192.168.56.1:56546 (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:23:00 INFO SparkContext: Created broadcast 52 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:23:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage
85 (MapPartitionsRDD[208] at saveAsTextFile at RelativeStrengthIndex.java:125)

(first 15 tasks are for partitions Vector(0))
19/02/20 20:23:00 INFO TaskSchedulerImpl: Adding task set 85.0 with 1 tasks
19/02/20 20:23:00 INFO TaskSetManager: Starting task 0.0 in stage 85.0 (TID 216, localhost, executor driver, partition 0, ANY, 5682 bytes)
19/02/20 20:23:00 INFO Executor: Running task 0.0 in stage 85.0 (TID 216)
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Getting 8 non-empty blocks out of 11 blocks
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Getting 9 non-empty blocks out of 11 blocks
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Getting 2 non-empty blocks out of 11 blocks
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Getting 4 non-empty blocks out of 11 blocks
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in

0 ms
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:23:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:23:00 INFO FileOutputCommitter: Saved output of task 'attempt_20190220202300_0085_m_000000_216' to file:/C:/Users/Public/output/Analyses3_Rsi_1550674380054/_temporary/0/task_20190220202300_0085_m_000000
19/02/20 20:23:00 INFO SparkHadoopMapRedUtil: attempt_20190220202300_0085_m_000000_216: Committed
19/02/20 20:23:00 INFO Executor: Finished task 0.0 in stage 85.0 (TID 216). 1139 bytes result sent to driver
19/02/20 20:23:00 INFO TaskSetManager: Finished task 0.0 in stage 85.0 (TID 216) in 141 ms on localhost (executor driver) (1/1)
19/02/20 20:23:00 INFO TaskSchedulerImpl: Removed TaskSet 85.0, whose tasks have all completed, from pool
19/02/20 20:23:00 INFO DAGScheduler: ResultStage 85 (saveAsTextFile at RelativeStrengthIndex.java:125) finished in 0.141 s
19/02/20 20:23:00 INFO DAGScheduler: Job 22 finished: saveAsTextFile at RelativeStrengthIndex.java:125, took 0.209370 s
19/02/20 20:23:00 INFO JobScheduler: Finished job streaming job 1550674380000 ms.0 from job set of time 1550674380000 ms
19/02/20 20:23:00 INFO JobScheduler: Total delay: 0.384 s for time 1550674380000 ms (execution: 0.330 s)
19/02/20 20:23:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673180000 ms:
19/02/20 20:23:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673180000 ms:
19/02/20 20:23:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673180000 ms:
19/02/20 20:23:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673180000 ms:
19/02/20 20:23:00 INFO MapPartitionsRDD: Removing RDD 180 from persistence list
19/02/20 20:23:00 INFO BlockManager: Removing RDD 180
19/02/20 20:23:00 INFO MapPartitionsRDD: Removing RDD 179 from persistence list
19/02/20 20:23:00 INFO BlockManager: Removing RDD 179
19/02/20 20:23:00 INFO ShuffledRDD: Removing RDD 174 from persistence list
19/02/20 20:23:00 INFO BlockManager: Removing RDD 174
19/02/20 20:23:00 INFO MapPartitionsRDD: Removing RDD 173 from persistence list
19/02/20 20:23:00 INFO BlockManager: Removing RDD 173
19/02/20 20:23:00 INFO MapPartitionsRDD: Removing RDD 172 from persistence list
19/02/20 20:23:00 INFO BlockManager: Removing RDD 172
19/02/20 20:23:00 INFO MapPartitionsRDD: Removing RDD 171 from persistence list
19/02/20 20:23:00 INFO BlockManager: Removing RDD 171
19/02/20 20:23:00 INFO UnionRDD: Removing RDD 170 from persistence list
19/02/20 20:23:00 INFO BlockManager: Removing RDD 170
19/02/20 20:23:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673180000 ms:
19/02/20 20:23:00 INFO ShuffledRDD: Removing RDD 176 from persistence list
19/02/20 20:23:00 INFO BlockManager: Removing RDD 176
19/02/20 20:23:00 INFO MapPartitionsRDD: Removing RDD 175 from persistence list
19/02/20 20:23:00 INFO BlockManager: Removing RDD 175
19/02/20 20:23:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673180000 ms:
19/02/20 20:23:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673180000 ms:
19/02/20 20:23:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:23:00 INFO InputInfoTracker: remove old batch metadata:
19/02/20 20:24:00 INFO MappedDStream: Time 1550674440000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 720000 ms
19/02/20 20:24:00 INFO FlatMappedDStream: Time 1550674440000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is

720000 ms
19/02/20 20:24:00 INFO TransformedDStream: Time 1550674440000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 720000 ms
19/02/20 20:24:00 INFO MappedDStream: Slicing from 1550673900000 ms to 1550674440000 ms (aligned to 1550673900000 ms and 1550674440000 ms)
19/02/20 20:24:00 INFO FileInputDStream: Finding new files took 19 ms
19/02/20 20:24:00 INFO FileInputDStream: New files at time 1550674440000 ms: file:/C:/Users/Public/JSON/stocks_price_1550674406.22665.json
19/02/20 20:24:00 INFO MemoryStore: Block broadcast_53 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:24:00 INFO MemoryStore: Block broadcast_53_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:24:00 INFO BlockManagerInfo: Added broadcast_53_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO SparkContext: Created broadcast 53 from textFileStream at SparkAnalysesDriver.java:52
19/02/20 20:24:00 INFO ContextCleaner: Cleaned shuffle 14
19/02/20 20:24:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:24:00 INFO BlockManagerInfo: Removed broadcast_36_piece0 on 192.168.56.1:56546 in memory (size: 3.1 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO BlockManagerInfo: Removed broadcast_40_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO ContextCleaner: Cleaned shuffle 13
19/02/20 20:24:00 INFO BlockManagerInfo: Removed broadcast_39_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO BlockManagerInfo: Removed broadcast_46_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO BlockManagerInfo: Removed broadcast_43_piece0 on 192.168.56.1:56546 in memory (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO BlockManagerInfo: Removed broadcast_33_piece0 on 192.168.56.1:56546 in memory (size: 18.7 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO BlockManagerInfo: Removed broadcast_44_piece0 on 192.168.56.1:56546 in memory (size: 3.1 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO BlockManagerInfo: Removed broadcast_35_piece0 on 192.168.56.1:56546 in memory (size: 3.8 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO BlockManagerInfo: Removed broadcast_41_piece0 on 192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO BlockManagerInfo: Removed broadcast_34_piece0 on 192.168.56.1:56546 in memory (size: 3.8 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO BlockManagerInfo: Removed broadcast_47_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO BlockManagerInfo: Removed broadcast_52_piece0 on 192.168.56.1:56546 in memory (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO BlockManagerInfo: Removed broadcast_32_piece0 on 192.168.56.1:56546 in memory (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO TransformedDStream: Time 1550674440000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 720000 ms
19/02/20 20:24:00 INFO JobScheduler: Added jobs for time 1550674440000 ms
19/02/20 20:24:00 INFO BlockManagerInfo: Removed broadcast_48_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO JobScheduler: Starting job streaming job 1550674440000 ms.0 from job set of time 1550674440000 ms
19/02/20 20:24:00 INFO BlockManagerInfo: Removed broadcast_37_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO BlockManagerInfo: Removed broadcast_38_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO BlockManagerInfo: Removed broadcast_42_piece0 on 192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO BlockManagerInfo: Removed broadcast_45_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO BlockManagerInfo: Removed broadcast_50_piece0 on 192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)

19/02/20 20:24:00 INFO BlockManagerInfo: Removed broadcast_51_piece0 on 192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO SparkContext: Starting job: saveAsTextFile at RelativeStrengthIndex.java:125
19/02/20 20:24:00 INFO DAGScheduler: Registering RDD 215 (filter at RelativeStrengthIndex.java:54)
19/02/20 20:24:00 INFO DAGScheduler: Registering RDD 217 (filter at RelativeStrengthIndex.java:61)
19/02/20 20:24:00 INFO DAGScheduler: Got job 23 (saveAsTextFile at RelativeStrengthIndex.java:125) with 1 output partitions
19/02/20 20:24:00 INFO DAGScheduler: Final stage: ResultStage 88 (saveAsTextFile at RelativeStrengthIndex.java:125)
19/02/20 20:24:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 86, ShuffleMapStage 87)
19/02/20 20:24:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 86, ShuffleMapStage 87)
19/02/20 20:24:00 INFO DAGScheduler: Submitting ShuffleMapStage 86 (MapPartitionsRDD[215] at filter at RelativeStrengthIndex.java:54), which has no missing parents
19/02/20 20:24:00 INFO MemoryStore: Block broadcast_54 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:24:00 INFO MemoryStore: Block broadcast_54_piece0 stored as bytes in memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:24:00 INFO BlockManagerInfo: Added broadcast_54_piece0 in memory on 192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO SparkContext: Created broadcast 54 from broadcast at DAGScheduler.scala:1006
19/02/20 20:24:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 86 (MapPartitionsRDD[215] at filter at RelativeStrengthIndex.java:54) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:24:00 INFO TaskSchedulerImpl: Adding task set 86.0 with 11 tasks
19/02/20 20:24:00 INFO DAGScheduler: Submitting ShuffleMapStage 87 (MapPartitionsRDD[217] at filter at RelativeStrengthIndex.java:61), which has no missing parents
19/02/20 20:24:00 INFO TaskSetManager: Starting task 0.0 in stage 86.0 (TID 217, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:24:00 INFO TaskSetManager: Starting task 1.0 in stage 86.0 (TID 218, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:24:00 INFO TaskSetManager: Starting task 2.0 in stage 86.0 (TID 219, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:24:00 INFO TaskSetManager: Starting task 3.0 in stage 86.0 (TID 220, localhost, executor driver, partition 3, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:24:00 INFO TaskSetManager: Starting task 4.0 in stage 86.0 (TID 221, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:24:00 INFO TaskSetManager: Starting task 5.0 in stage 86.0 (TID 222, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:24:00 INFO TaskSetManager: Starting task 6.0 in stage 86.0 (TID 223, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:24:00 INFO TaskSetManager: Starting task 7.0 in stage 86.0 (TID 224, localhost, executor driver, partition 7, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:24:00 INFO MemoryStore: Block broadcast_55 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:24:00 INFO Executor: Running task 5.0 in stage 86.0 (TID 222)
19/02/20 20:24:00 INFO Executor: Running task 3.0 in stage 86.0 (TID 220)
19/02/20 20:24:00 INFO Executor: Running task 2.0 in stage 86.0 (TID 219)
19/02/20 20:24:00 INFO Executor: Running task 1.0 in stage 86.0 (TID 218)
19/02/20 20:24:00 INFO Executor: Running task 0.0 in stage 86.0 (TID 217)
19/02/20 20:24:00 INFO Executor: Running task 7.0 in stage 86.0 (TID 224)
19/02/20 20:24:00 INFO Executor: Running task 4.0 in stage 86.0 (TID 221)
19/02/20 20:24:00 INFO MemoryStore: Block broadcast_55_piece0 stored as bytes in memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:24:00 INFO Executor: Running task 6.0 in stage 86.0 (TID 223)
19/02/20 20:24:00 INFO BlockManager: Found block rdd_108_0 locally

19/02/20 20:24:00 INFO BlockManager: Found block rdd_94_0 locally
19/02/20 20:24:00 INFO BlockManager: Found block rdd_94_1 locally
19/02/20 20:24:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:24:00 INFO BlockManagerInfo: Added broadcast_55_piece0 in memory on 192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO SparkContext: Created broadcast 55 from broadcast at DAGScheduler.scala:1006
19/02/20 20:24:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 87 (MapPartitionsRDD[217] at filter at RelativeStrengthIndex.java:61) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:24:00 INFO TaskSchedulerImpl: Adding task set 87.0 with 11 tasks
19/02/20 20:24:00 INFO BlockManager: Found block rdd_58_0 locally
19/02/20 20:24:00 INFO BlockManager: Found block rdd_44_0 locally
19/02/20 20:24:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:24:00 INFO BlockManager: Found block rdd_30_0 locally
19/02/20 20:24:00 INFO Executor: Finished task 3.0 in stage 86.0 (TID 220). 1005 bytes result sent to driver
19/02/20 20:24:00 INFO TaskSetManager: Starting task 8.0 in stage 86.0 (TID 225, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:24:00 INFO TaskSetManager: Finished task 3.0 in stage 86.0 (TID 220) in 13 ms on localhost (executor driver) (1/11)
19/02/20 20:24:00 INFO Executor: Running task 8.0 in stage 86.0 (TID 225)
19/02/20 20:24:00 INFO Executor: Finished task 0.0 in stage 86.0 (TID 217). 876 bytes result sent to driver
19/02/20 20:24:00 INFO TaskSetManager: Starting task 9.0 in stage 86.0 (TID 226, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:24:00 INFO TaskSetManager: Finished task 0.0 in stage 86.0 (TID 217) in 14 ms on localhost (executor driver) (2/11)
19/02/20 20:24:00 INFO Executor: Running task 9.0 in stage 86.0 (TID 226)
19/02/20 20:24:00 INFO Executor: Finished task 4.0 in stage 86.0 (TID 221). 1005 bytes result sent to driver
19/02/20 20:24:00 INFO TaskSetManager: Starting task 10.0 in stage 86.0 (TID 227, localhost, executor driver, partition 10, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:24:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:24:00 INFO Executor: Running task 10.0 in stage 86.0 (TID 227)
19/02/20 20:24:00 INFO Executor: Finished task 1.0 in stage 86.0 (TID 218). 876 bytes result sent to driver
19/02/20 20:24:00 INFO TaskSetManager: Finished task 4.0 in stage 86.0 (TID 221) in 16 ms on localhost (executor driver) (3/11)
19/02/20 20:24:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:24:00 INFO TaskSetManager: Starting task 0.0 in stage 87.0 (TID 228, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:24:00 INFO Executor: Running task 0.0 in stage 87.0 (TID 228)
19/02/20 20:24:00 INFO Executor: Finished task 5.0 in stage 86.0 (TID 222). 1005 bytes result sent to driver
19/02/20 20:24:00 INFO TaskSetManager: Starting task 1.0 in stage 87.0 (TID 229, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:24:00 INFO TaskSetManager: Finished task 5.0 in stage 86.0 (TID 222) in 19 ms on localhost (executor driver) (4/11)
19/02/20 20:24:00 INFO NewHadoopRDD: Input split: file:/C:/Users/Public/JSON/stocks_price_1550674406.22665.json:0+681
19/02/20 20:24:00 INFO BlockManager: Found block rdd_30_0 locally
19/02/20 20:24:00 INFO Executor: Running task 1.0 in stage 87.0 (TID 229)
19/02/20 20:24:00 INFO Executor: Finished task 8.0 in stage 86.0 (TID 225). 962 bytes result sent to driver
19/02/20 20:24:00 INFO TaskSetManager: Starting task 2.0 in stage 87.0 (TID 230, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:24:00 INFO TaskSetManager: Finished task 1.0 in stage 86.0 (TID 218) in 22 ms on localhost (executor driver) (5/11)
19/02/20 20:24:00 INFO TaskSetManager: Finished task 8.0 in stage 86.0 (TID 225) in 9 ms on localhost (executor driver) (6/11)
19/02/20 20:24:00 INFO Executor: Running task 2.0 in stage 87.0 (TID 230)
19/02/20 20:24:00 INFO BlockManager: Found block rdd_44_0 locally

19/02/20 20:24:00 INFO MemoryStore: Block rdd_211_0 stored as bytes in memory (estimated size 685.0 B, free 2.2 GB)
19/02/20 20:24:00 INFO BlockManagerInfo: Added rdd_211_0 in memory on 192.168.56.1:56546 (size: 685.0 B, free: 2.2 GB)
19/02/20 20:24:00 INFO BlockManager: Found block rdd_58_0 locally
19/02/20 20:24:00 INFO Executor: Finished task 0.0 in stage 87.0 (TID 228). 962 bytes result sent to driver
19/02/20 20:24:00 INFO TaskSetManager: Starting task 3.0 in stage 87.0 (TID 231, localhost, executor driver, partition 3, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:24:00 INFO TaskSetManager: Finished task 0.0 in stage 87.0 (TID 228) in 10 ms on localhost (executor driver) (1/11)
19/02/20 20:24:00 INFO Executor: Running task 3.0 in stage 87.0 (TID 231)
19/02/20 20:24:00 INFO Executor: Finished task 1.0 in stage 87.0 (TID 229). 1005 bytes result sent to driver
19/02/20 20:24:00 INFO BlockManager: Found block rdd_94_0 locally
19/02/20 20:24:00 INFO TaskSetManager: Starting task 4.0 in stage 87.0 (TID 232, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:24:00 INFO Executor: Running task 4.0 in stage 87.0 (TID 232)
19/02/20 20:24:00 INFO Executor: Finished task 2.0 in stage 86.0 (TID 219). 876 bytes result sent to driver
19/02/20 20:24:00 INFO TaskSetManager: Finished task 1.0 in stage 87.0 (TID 229) in 10 ms on localhost (executor driver) (2/11)
19/02/20 20:24:00 INFO TaskSetManager: Starting task 5.0 in stage 87.0 (TID 233, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:24:00 INFO TaskSetManager: Finished task 2.0 in stage 86.0 (TID 219) in 31 ms on localhost (executor driver) (7/11)
19/02/20 20:24:00 INFO BlockManager: Found block rdd_94_1 locally
19/02/20 20:24:00 INFO Executor: Finished task 2.0 in stage 87.0 (TID 230). 962 bytes result sent to driver
19/02/20 20:24:00 INFO Executor: Running task 5.0 in stage 87.0 (TID 233)
19/02/20 20:24:00 INFO TaskSetManager: Starting task 6.0 in stage 87.0 (TID 234, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:24:00 INFO TaskSetManager: Finished task 2.0 in stage 87.0 (TID 230) in 11 ms on localhost (executor driver) (3/11)
19/02/20 20:24:00 INFO Executor: Running task 6.0 in stage 87.0 (TID 234)
19/02/20 20:24:00 INFO BlockManager: Found block rdd_108_0 locally
19/02/20 20:24:00 INFO Executor: Finished task 10.0 in stage 86.0 (TID 227). 1702 bytes result sent to driver
19/02/20 20:24:00 INFO TaskSetManager: Starting task 7.0 in stage 87.0 (TID 235, localhost, executor driver, partition 7, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:24:00 INFO Executor: Finished task 9.0 in stage 86.0 (TID 226). 962 bytes result sent to driver
19/02/20 20:24:00 INFO Executor: Running task 7.0 in stage 87.0 (TID 235)
19/02/20 20:24:00 INFO TaskSetManager: Starting task 8.0 in stage 87.0 (TID 236, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:24:00 INFO TaskSetManager: Finished task 10.0 in stage 86.0 (TID 227) in 21 ms on localhost (executor driver) (8/11)
19/02/20 20:24:00 INFO Executor: Running task 8.0 in stage 87.0 (TID 236)
19/02/20 20:24:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:24:00 INFO Executor: Finished task 6.0 in stage 86.0 (TID 223). 1005 bytes result sent to driver
19/02/20 20:24:00 INFO TaskSetManager: Finished task 9.0 in stage 86.0 (TID 226) in 25 ms on localhost (executor driver) (9/11)
19/02/20 20:24:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:24:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:24:00 INFO TaskSetManager: Starting task 9.0 in stage 87.0 (TID 237, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:24:00 INFO TaskSetManager: Finished task 6.0 in stage 86.0 (TID 223) in 39 ms on localhost (executor driver) (10/11)
19/02/20 20:24:00 INFO Executor: Running task 9.0 in stage 87.0 (TID 237)
19/02/20 20:24:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:24:00 INFO Executor: Finished task 7.0 in stage 86.0 (TID 224). 962 bytes result sent to driver
19/02/20 20:24:00 INFO TaskSetManager: Starting task 10.0 in stage 87.0 (TID

238, localhost, executor driver, partition 10, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:24:00 INFO TaskSetManager: Finished task 7.0 in stage 86.0 (TID 224) in 43 ms on localhost (executor driver) (11/11)
19/02/20 20:24:00 INFO TaskSchedulerImpl: Removed TaskSet 86.0, whose tasks have all completed, from pool
19/02/20 20:24:00 INFO DAGScheduler: ShuffleMapStage 86 (filter at RelativeStrengthIndex.java:54) finished in 0.044 s
19/02/20 20:24:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:24:00 INFO DAGScheduler: running: Set(ShuffleMapStage 87)
19/02/20 20:24:00 INFO DAGScheduler: waiting: Set(ResultStage 88)
19/02/20 20:24:00 INFO DAGScheduler: failed: Set()
19/02/20 20:24:00 INFO Executor: Running task 10.0 in stage 87.0 (TID 238)
19/02/20 20:24:00 INFO Executor: Finished task 6.0 in stage 87.0 (TID 234). 962 bytes result sent to driver
19/02/20 20:24:00 INFO TaskSetManager: Finished task 6.0 in stage 87.0 (TID 234) in 13 ms on localhost (executor driver) (4/11)
19/02/20 20:24:00 INFO Executor: Finished task 7.0 in stage 87.0 (TID 235). 1005 bytes result sent to driver
19/02/20 20:24:00 INFO TaskSetManager: Finished task 7.0 in stage 87.0 (TID 235) in 12 ms on localhost (executor driver) (5/11)
19/02/20 20:24:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:24:00 INFO Executor: Finished task 5.0 in stage 87.0 (TID 233). 962 bytes result sent to driver
19/02/20 20:24:00 INFO TaskSetManager: Finished task 5.0 in stage 87.0 (TID 233) in 18 ms on localhost (executor driver) (6/11)
19/02/20 20:24:00 INFO Executor: Finished task 4.0 in stage 87.0 (TID 232). 962 bytes result sent to driver
19/02/20 20:24:00 INFO TaskSetManager: Finished task 4.0 in stage 87.0 (TID 232) in 21 ms on localhost (executor driver) (7/11)
19/02/20 20:24:00 INFO Executor: Finished task 3.0 in stage 87.0 (TID 231). 1005 bytes result sent to driver
19/02/20 20:24:00 INFO TaskSetManager: Finished task 3.0 in stage 87.0 (TID 231) in 26 ms on localhost (executor driver) (8/11)
19/02/20 20:24:00 INFO Executor: Finished task 10.0 in stage 87.0 (TID 238). 919 bytes result sent to driver
19/02/20 20:24:00 INFO TaskSetManager: Finished task 10.0 in stage 87.0 (TID 238) in 9 ms on localhost (executor driver) (9/11)
19/02/20 20:24:00 INFO Executor: Finished task 9.0 in stage 87.0 (TID 237). 919 bytes result sent to driver
19/02/20 20:24:00 INFO TaskSetManager: Finished task 9.0 in stage 87.0 (TID 237) in 14 ms on localhost (executor driver) (10/11)
19/02/20 20:24:00 INFO Executor: Finished task 8.0 in stage 87.0 (TID 236). 962 bytes result sent to driver
19/02/20 20:24:00 INFO TaskSetManager: Finished task 8.0 in stage 87.0 (TID 236) in 18 ms on localhost (executor driver) (11/11)
19/02/20 20:24:00 INFO TaskSchedulerImpl: Removed TaskSet 87.0, whose tasks have all completed, from pool
19/02/20 20:24:00 INFO DAGScheduler: ShuffleMapStage 87 (filter at RelativeStrengthIndex.java:61) finished in 0.048 s
19/02/20 20:24:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:24:00 INFO DAGScheduler: running: Set()
19/02/20 20:24:00 INFO DAGScheduler: waiting: Set(ResultStage 88)
19/02/20 20:24:00 INFO DAGScheduler: failed: Set()
19/02/20 20:24:00 INFO DAGScheduler: Submitting ResultStage 88 (MapPartitionsRDD[224] at saveAsTextFile at RelativeStrengthIndex.java:125), which has no missing parents
19/02/20 20:24:00 INFO MemoryStore: Block broadcast_56 stored as values in memory (estimated size 53.4 KB, free 2.2 GB)
19/02/20 20:24:00 INFO MemoryStore: Block broadcast_56_piece0 stored as bytes in memory (estimated size 19.3 KB, free 2.2 GB)
19/02/20 20:24:00 INFO BlockManagerInfo: Added broadcast_56_piece0 in memory on 192.168.56.1:56546 (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:24:00 INFO SparkContext: Created broadcast 56 from broadcast at DAGScheduler.scala:1006

19/02/20 20:24:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 88 (MapPartitionsRDD[224] at saveAsTextFile at RelativeStrengthIndex.java:125) (first 15 tasks are for partitions Vector(0))
19/02/20 20:24:00 INFO TaskSchedulerImpl: Adding task set 88.0 with 1 tasks
19/02/20 20:24:00 INFO TaskSetManager: Starting task 0.0 in stage 88.0 (TID 239, localhost, executor driver, partition 0, ANY, 5682 bytes)
19/02/20 20:24:00 INFO Executor: Running task 0.0 in stage 88.0 (TID 239)
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Getting 8 non-empty blocks out of 11 blocks
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Getting 9 non-empty blocks out of 11 blocks
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Getting 2 non-empty blocks out of 11 blocks
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Getting 4 non-empty blocks out of 11 blocks
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks

out of 11 blocks
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:24:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:24:00 INFO FileOutputCommitter: Saved output of task 'attempt_20190220202400_0088_m_000000_239' to file:/C:/Users/Public/output/Analyses3_Rsi_1550674440074/_temporary/0/task_20190220202400_0088_m_000000
19/02/20 20:24:00 INFO SparkHadoopMapRedUtil: attempt_20190220202400_0088_m_000000_239: Committed
19/02/20 20:24:00 INFO Executor: Finished task 0.0 in stage 88.0 (TID 239). 1139 bytes result sent to driver
19/02/20 20:24:00 INFO TaskSetManager: Finished task 0.0 in stage 88.0 (TID 239) in 135 ms on localhost (executor driver) (1/1)
19/02/20 20:24:00 INFO TaskSchedulerImpl: Removed TaskSet 88.0, whose tasks have all completed, from pool
19/02/20 20:24:00 INFO DAGScheduler: ResultStage 88 (saveAsTextFile at RelativeStrengthIndex.java:125) finished in 0.136 s
19/02/20 20:24:00 INFO DAGScheduler: Job 23 finished: saveAsTextFile at RelativeStrengthIndex.java:125, took 0.206662 s
19/02/20 20:24:00 INFO JobScheduler: Finished job streaming job 1550674440000 ms.0 from job set of time 1550674440000 ms
19/02/20 20:24:00 INFO JobScheduler: Total delay: 0.399 s for time 1550674440000 ms (execution: 0.326 s)
19/02/20 20:24:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673240000 ms:
19/02/20 20:24:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673240000 ms:
19/02/20 20:24:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673240000 ms:
19/02/20 20:24:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673240000 ms:
19/02/20 20:24:00 INFO MapPartitionsRDD: Removing RDD 206 from persistence list
19/02/20 20:24:00 INFO BlockManager: Removing RDD 206
19/02/20 20:24:00 INFO MapPartitionsRDD: Removing RDD 205 from persistence list
19/02/20 20:24:00 INFO BlockManager: Removing RDD 205
19/02/20 20:24:00 INFO ShuffledRDD: Removing RDD 200 from persistence list
19/02/20 20:24:00 INFO BlockManager: Removing RDD 200
19/02/20 20:24:00 INFO MapPartitionsRDD: Removing RDD 199 from persistence list
19/02/20 20:24:00 INFO BlockManager: Removing RDD 199
19/02/20 20:24:00 INFO MapPartitionsRDD: Removing RDD 198 from persistence list
19/02/20 20:24:00 INFO BlockManager: Removing RDD 198
19/02/20 20:24:00 INFO MapPartitionsRDD: Removing RDD 197 from persistence list
19/02/20 20:24:00 INFO BlockManager: Removing RDD 197
19/02/20 20:24:00 INFO UnionRDD: Removing RDD 196 from persistence list
19/02/20 20:24:00 INFO BlockManager: Removing RDD 196
19/02/20 20:24:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673240000 ms:
19/02/20 20:24:00 INFO ShuffledRDD: Removing RDD 202 from persistence list
19/02/20 20:24:00 INFO BlockManager: Removing RDD 202
19/02/20 20:24:00 INFO MapPartitionsRDD: Removing RDD 201 from persistence list
19/02/20 20:24:00 INFO BlockManager: Removing RDD 201
19/02/20 20:24:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673240000 ms:
19/02/20 20:24:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673240000 ms:
19/02/20 20:24:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:24:00 INFO InputInfoTracker: remove old batch metadata:
19/02/20 20:25:00 INFO MappedDStream: Time 1550674500000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 780000 ms

19/02/20 20:25:00 INFO FlatMappedDStream: Time 1550674500000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 780000 ms
19/02/20 20:25:00 INFO TransformedDStream: Time 1550674500000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 780000 ms
19/02/20 20:25:00 INFO MappedDStream: Slicing from 1550673960000 ms to 1550674500000 ms (aligned to 1550673960000 ms and 1550674500000 ms)
19/02/20 20:25:00 INFO FileInputDStream: Finding new files took 22 ms
19/02/20 20:25:00 INFO FileInputDStream: New files at time 1550674500000 ms: file:/C:/Users/Public/JSON/stocks_price_1550674460.9421108.json
19/02/20 20:25:00 INFO MemoryStore: Block broadcast_57 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:25:00 INFO MemoryStore: Block broadcast_57_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:25:00 INFO BlockManagerInfo: Added broadcast_57_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:25:00 INFO SparkContext: Created broadcast 57 from textFileStream at SparkAnalysesDriver.java:52
19/02/20 20:25:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:25:00 INFO TransformedDStream: Time 1550674500000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 780000 ms
19/02/20 20:25:00 INFO JobScheduler: Added jobs for time 1550674500000 ms
19/02/20 20:25:00 INFO JobScheduler: Starting job streaming job 1550674500000 ms.0 from job set of time 1550674500000 ms
19/02/20 20:25:00 INFO SparkContext: Starting job: saveAsTextFile at RelativeStrengthIndex.java:125
19/02/20 20:25:00 INFO DAGScheduler: Registering RDD 233 (filter at RelativeStrengthIndex.java:61)
19/02/20 20:25:00 INFO DAGScheduler: Registering RDD 231 (filter at RelativeStrengthIndex.java:54)
19/02/20 20:25:00 INFO DAGScheduler: Got job 24 (saveAsTextFile at RelativeStrengthIndex.java:125) with 1 output partitions
19/02/20 20:25:00 INFO DAGScheduler: Final stage: ResultStage 91 (saveAsTextFile at RelativeStrengthIndex.java:125)
19/02/20 20:25:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 89, ShuffleMapStage 90)
19/02/20 20:25:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 89, ShuffleMapStage 90)
19/02/20 20:25:00 INFO DAGScheduler: Submitting ShuffleMapStage 89 (MapPartitionsRDD[233] at filter at RelativeStrengthIndex.java:61), which has no missing parents
19/02/20 20:25:00 INFO MemoryStore: Block broadcast_58 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:25:00 INFO MemoryStore: Block broadcast_58_piece0 stored as bytes in memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:25:00 INFO BlockManagerInfo: Added broadcast_58_piece0 in memory on 192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:25:00 INFO SparkContext: Created broadcast 58 from broadcast at DAGScheduler.scala:1006
19/02/20 20:25:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 89 (MapPartitionsRDD[233] at filter at RelativeStrengthIndex.java:61) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:25:00 INFO TaskSchedulerImpl: Adding task set 89.0 with 11 tasks
19/02/20 20:25:00 INFO DAGScheduler: Submitting ShuffleMapStage 90 (MapPartitionsRDD[231] at filter at RelativeStrengthIndex.java:54), which has no missing parents
19/02/20 20:25:00 INFO TaskSetManager: Starting task 0.0 in stage 89.0 (TID 240, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:25:00 INFO TaskSetManager: Starting task 1.0 in stage 89.0 (TID 241, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:25:00 INFO TaskSetManager: Starting task 2.0 in stage 89.0 (TID 242,

localhost, executor driver, partition 2, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:25:00 INFO TaskSetManager: Starting task 3.0 in stage 89.0 (TID 243, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:25:00 INFO TaskSetManager: Starting task 4.0 in stage 89.0 (TID 244, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:25:00 INFO TaskSetManager: Starting task 5.0 in stage 89.0 (TID 245, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:25:00 INFO MemoryStore: Block broadcast_59 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:25:00 INFO TaskSetManager: Starting task 6.0 in stage 89.0 (TID 246, localhost, executor driver, partition 6, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:25:00 INFO TaskSetManager: Starting task 7.0 in stage 89.0 (TID 247, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:25:00 INFO Executor: Running task 2.0 in stage 89.0 (TID 242)
19/02/20 20:25:00 INFO Executor: Running task 5.0 in stage 89.0 (TID 245)
19/02/20 20:25:00 INFO Executor: Running task 0.0 in stage 89.0 (TID 240)
19/02/20 20:25:00 INFO Executor: Running task 7.0 in stage 89.0 (TID 247)
19/02/20 20:25:00 INFO Executor: Running task 3.0 in stage 89.0 (TID 243)
19/02/20 20:25:00 INFO Executor: Running task 4.0 in stage 89.0 (TID 244)
19/02/20 20:25:00 INFO MemoryStore: Block broadcast_59_piece0 stored as bytes in memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:25:00 INFO BlockManagerInfo: Added broadcast_59_piece0 in memory on 192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:25:00 INFO SparkContext: Created broadcast 59 from broadcast at DAGScheduler.scala:1006
19/02/20 20:25:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 90 (MapPartitionsRDD[231] at filter at RelativeStrengthIndex.java:54) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:25:00 INFO TaskSchedulerImpl: Adding task set 90.0 with 11 tasks
19/02/20 20:25:00 INFO BlockManager: Found block rdd_94_1 locally
19/02/20 20:25:00 INFO BlockManager: Found block rdd_108_0 locally
19/02/20 20:25:00 INFO Executor: Running task 1.0 in stage 89.0 (TID 241)
19/02/20 20:25:00 INFO Executor: Running task 6.0 in stage 89.0 (TID 246)
19/02/20 20:25:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:25:00 INFO BlockManager: Found block rdd_44_0 locally
19/02/20 20:25:00 INFO BlockManager: Found block rdd_94_0 locally
19/02/20 20:25:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:25:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:25:00 INFO BlockManager: Found block rdd_58_0 locally
19/02/20 20:25:00 INFO Executor: Finished task 3.0 in stage 89.0 (TID 243). 962 bytes result sent to driver
19/02/20 20:25:00 INFO TaskSetManager: Starting task 8.0 in stage 89.0 (TID 248, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:25:00 INFO Executor: Running task 8.0 in stage 89.0 (TID 248)
19/02/20 20:25:00 INFO TaskSetManager: Finished task 3.0 in stage 89.0 (TID 243) in 15 ms on localhost (executor driver) (1/11)
19/02/20 20:25:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:25:00 INFO Executor: Finished task 4.0 in stage 89.0 (TID 244). 962 bytes result sent to driver
19/02/20 20:25:00 INFO TaskSetManager: Starting task 9.0 in stage 89.0 (TID 249, localhost, executor driver, partition 9, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:25:00 INFO TaskSetManager: Finished task 4.0 in stage 89.0 (TID 244) in 15 ms on localhost (executor driver) (2/11)
19/02/20 20:25:00 INFO Executor: Running task 9.0 in stage 89.0 (TID 249)
19/02/20 20:25:00 INFO Executor: Finished task 7.0 in stage 89.0 (TID 247). 962 bytes result sent to driver
19/02/20 20:25:00 INFO TaskSetManager: Starting task 10.0 in stage 89.0 (TID 250, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:25:00 INFO Executor: Running task 10.0 in stage 89.0 (TID 250)
19/02/20 20:25:00 INFO TaskSetManager: Finished task 7.0 in stage 89.0 (TID 247) in 15 ms on localhost (executor driver) (3/11)
19/02/20 20:25:00 INFO Executor: Finished task 0.0 in stage 89.0 (TID 240). 962 bytes result sent to driver

19/02/20 20:25:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:25:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550674460.9421108.json:0+681
19/02/20 20:25:00 INFO TaskSetManager: Starting task 0.0 in stage 90.0 (TID 251,
localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:25:00 INFO TaskSetManager: Finished task 0.0 in stage 89.0 (TID 240)
in 15 ms on localhost (executor driver) (4/11)
19/02/20 20:25:00 INFO Executor: Finished task 8.0 in stage 89.0 (TID 248). 790
bytes result sent to driver
19/02/20 20:25:00 INFO Executor: Running task 0.0 in stage 90.0 (TID 251)
19/02/20 20:25:00 INFO TaskSetManager: Starting task 1.0 in stage 90.0 (TID 252,
localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:25:00 INFO Executor: Running task 1.0 in stage 90.0 (TID 252)
19/02/20 20:25:00 INFO TaskSetManager: Finished task 8.0 in stage 89.0 (TID 248)
in 0 ms on localhost (executor driver) (5/11)
19/02/20 20:25:00 INFO BlockManager: Found block rdd_44_0 locally
19/02/20 20:25:00 INFO BlockManager: Found block rdd_58_0 locally
19/02/20 20:25:00 INFO Executor: Finished task 5.0 in stage 89.0 (TID 245). 919
bytes result sent to driver
19/02/20 20:25:00 INFO TaskSetManager: Starting task 2.0 in stage 90.0 (TID 253,
localhost, executor driver, partition 2, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:25:00 INFO Executor: Running task 2.0 in stage 90.0 (TID 253)
19/02/20 20:25:00 INFO TaskSetManager: Finished task 5.0 in stage 89.0 (TID 245)
in 31 ms on localhost (executor driver) (6/11)
19/02/20 20:25:00 INFO Executor: Finished task 2.0 in stage 89.0 (TID 242). 1005
bytes result sent to driver
19/02/20 20:25:00 INFO TaskSetManager: Starting task 3.0 in stage 90.0 (TID 254,
localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:25:00 INFO Executor: Running task 3.0 in stage 90.0 (TID 254)
19/02/20 20:25:00 INFO TaskSetManager: Finished task 2.0 in stage 89.0 (TID 242)
in 31 ms on localhost (executor driver) (7/11)
19/02/20 20:25:00 INFO MemoryStore: Block rdd_227_0 stored as bytes in memory
(estimated size 685.0 B, free 2.2 GB)
19/02/20 20:25:00 INFO BlockManager: Found block rdd_94_0 locally
19/02/20 20:25:00 INFO BlockManagerInfo: Added rdd_227_0 in memory on
192.168.56.1:56546 (size: 685.0 B, free: 2.2 GB)
19/02/20 20:25:00 INFO Executor: Finished task 6.0 in stage 89.0 (TID 246). 962
bytes result sent to driver
19/02/20 20:25:00 INFO TaskSetManager: Starting task 4.0 in stage 90.0 (TID 255,
localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:25:00 INFO TaskSetManager: Finished task 6.0 in stage 89.0 (TID 246)
in 31 ms on localhost (executor driver) (8/11)
19/02/20 20:25:00 INFO Executor: Running task 4.0 in stage 90.0 (TID 255)
19/02/20 20:25:00 INFO BlockManager: Found block rdd_94_1 locally
19/02/20 20:25:00 INFO Executor: Finished task 1.0 in stage 89.0 (TID 241). 962
bytes result sent to driver
19/02/20 20:25:00 INFO BlockManager: Found block rdd_108_0 locally
19/02/20 20:25:00 INFO TaskSetManager: Starting task 5.0 in stage 90.0 (TID 256,
localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:25:00 INFO TaskSetManager: Finished task 1.0 in stage 89.0 (TID 241)
in 31 ms on localhost (executor driver) (9/11)
19/02/20 20:25:00 INFO Executor: Running task 5.0 in stage 90.0 (TID 256)
19/02/20 20:25:00 INFO Executor: Finished task 1.0 in stage 90.0 (TID 252). 876
bytes result sent to driver
19/02/20 20:25:00 INFO TaskSetManager: Starting task 6.0 in stage 90.0 (TID 257,
localhost, executor driver, partition 6, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:25:00 INFO TaskSetManager: Finished task 1.0 in stage 90.0 (TID 252)
in 16 ms on localhost (executor driver) (1/11)
19/02/20 20:25:00 INFO Executor: Running task 6.0 in stage 90.0 (TID 257)
19/02/20 20:25:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:25:00 INFO Executor: Finished task 3.0 in stage 90.0 (TID 254). 876
bytes result sent to driver
19/02/20 20:25:00 INFO TaskSetManager: Starting task 7.0 in stage 90.0 (TID 258,
localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:25:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:25:00 INFO Executor: Finished task 0.0 in stage 90.0 (TID 251). 876 bytes result sent to driver
19/02/20 20:25:00 INFO TaskSetManager: Starting task 8.0 in stage 90.0 (TID 259, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:25:00 INFO TaskSetManager: Finished task 0.0 in stage 90.0 (TID 251) in 16 ms on localhost (executor driver) (2/11)
19/02/20 20:25:00 INFO Executor: Running task 8.0 in stage 90.0 (TID 259)
19/02/20 20:25:00 INFO TaskSetManager: Finished task 3.0 in stage 90.0 (TID 254) in 0 ms on localhost (executor driver) (3/11)
19/02/20 20:25:00 INFO Executor: Running task 7.0 in stage 90.0 (TID 258)
19/02/20 20:25:00 INFO Executor: Finished task 9.0 in stage 89.0 (TID 249). 919 bytes result sent to driver
19/02/20 20:25:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:25:00 INFO TaskSetManager: Starting task 9.0 in stage 90.0 (TID 260, localhost, executor driver, partition 9, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:25:00 INFO TaskSetManager: Finished task 9.0 in stage 89.0 (TID 249) in 32 ms on localhost (executor driver) (10/11)
19/02/20 20:25:00 INFO Executor: Running task 9.0 in stage 90.0 (TID 260)
19/02/20 20:25:00 INFO Executor: Finished task 5.0 in stage 90.0 (TID 256). 962 bytes result sent to driver
19/02/20 20:25:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:25:00 INFO TaskSetManager: Starting task 10.0 in stage 90.0 (TID 261, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:25:00 INFO TaskSetManager: Finished task 5.0 in stage 90.0 (TID 256) in 16 ms on localhost (executor driver) (4/11)
19/02/20 20:25:00 INFO Executor: Running task 10.0 in stage 90.0 (TID 261)
19/02/20 20:25:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:25:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:25:00 INFO Executor: Finished task 4.0 in stage 90.0 (TID 255). 919 bytes result sent to driver
19/02/20 20:25:00 INFO TaskSetManager: Finished task 4.0 in stage 90.0 (TID 255) in 16 ms on localhost (executor driver) (5/11)
19/02/20 20:25:00 INFO Executor: Finished task 10.0 in stage 89.0 (TID 250). 1659 bytes result sent to driver
19/02/20 20:25:00 INFO TaskSetManager: Finished task 10.0 in stage 89.0 (TID 250) in 32 ms on localhost (executor driver) (11/11)
19/02/20 20:25:00 INFO TaskSchedulerImpl: Removed TaskSet 89.0, whose tasks have all completed, from pool
19/02/20 20:25:00 INFO DAGScheduler: ShuffleMapStage 89 (filter at RelativeStrengthIndex.java:61) finished in 0.047 s
19/02/20 20:25:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:25:00 INFO DAGScheduler: running: Set(ShuffleMapStage 90)
19/02/20 20:25:00 INFO DAGScheduler: waiting: Set(ResultStage 91)
19/02/20 20:25:00 INFO DAGScheduler: failed: Set()
19/02/20 20:25:00 INFO Executor: Finished task 9.0 in stage 90.0 (TID 260). 876 bytes result sent to driver
19/02/20 20:25:00 INFO TaskSetManager: Finished task 9.0 in stage 90.0 (TID 260) in 0 ms on localhost (executor driver) (6/11)
19/02/20 20:25:00 INFO Executor: Finished task 2.0 in stage 90.0 (TID 253). 919 bytes result sent to driver
19/02/20 20:25:00 INFO TaskSetManager: Finished task 2.0 in stage 90.0 (TID 253) in 16 ms on localhost (executor driver) (7/11)
19/02/20 20:25:00 INFO Executor: Finished task 10.0 in stage 90.0 (TID 261). 876 bytes result sent to driver
19/02/20 20:25:00 INFO TaskSetManager: Finished task 10.0 in stage 90.0 (TID 261) in 0 ms on localhost (executor driver) (8/11)
19/02/20 20:25:00 INFO Executor: Finished task 7.0 in stage 90.0 (TID 258). 962 bytes result sent to driver
19/02/20 20:25:00 INFO TaskSetManager: Finished task 7.0 in stage 90.0 (TID 258) in 16 ms on localhost (executor driver) (9/11)
19/02/20 20:25:00 INFO Executor: Finished task 8.0 in stage 90.0 (TID 259). 962 bytes result sent to driver
19/02/20 20:25:00 INFO TaskSetManager: Finished task 8.0 in stage 90.0 (TID 259)

[illegible]

out of 11 blocks
19/02/20 20:25:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:25:00 INFO ShuffleBlockFetcherIterator: Getting 9 non-empty blocks out of 11 blocks
19/02/20 20:25:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:25:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:25:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:25:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:25:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:25:00 INFO ShuffleBlockFetcherIterator: Getting 3 non-empty blocks out of 11 blocks
19/02/20 20:25:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:25:00 INFO ShuffleBlockFetcherIterator: Getting 4 non-empty blocks out of 11 blocks
19/02/20 20:25:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:25:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:25:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:25:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:25:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:25:00 INFO FileOutputCommitter: Saved output of task 'attempt_20190220202500_0091_m_000000_262' to file:/C:/Users/Public/output/Analyses3_Rsi_1550674500053/_temporary/0/task_20190220202500_0091_m_000000
19/02/20 20:25:00 INFO SparkHadoopMapRedUtil: attempt_20190220202500_0091_m_000000_262: Committed
19/02/20 20:25:00 INFO Executor: Finished task 0.0 in stage 91.0 (TID 262). 1053 bytes result sent to driver
19/02/20 20:25:00 INFO TaskSetManager: Finished task 0.0 in stage 91.0 (TID 262) in 141 ms on localhost (executor driver) (1/1)
19/02/20 20:25:00 INFO TaskSchedulerImpl: Removed TaskSet 91.0, whose tasks have all completed, from pool
19/02/20 20:25:00 INFO DAGScheduler: ResultStage 91 (saveAsTextFile at RelativeStrengthIndex.java:125) finished in 0.141 s
19/02/20 20:25:00 INFO DAGScheduler: Job 24 finished: saveAsTextFile at RelativeStrengthIndex.java:125, took 0.199367 s
19/02/20 20:25:00 INFO JobScheduler: Finished job streaming job 1550674500000 ms.0 from job set of time 1550674500000 ms
19/02/20 20:25:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673300000 ms:
19/02/20 20:25:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673300000 ms:
19/02/20 20:25:00 INFO JobScheduler: Total delay: 0.405 s for time 1550674500000 ms (execution: 0.352 s)
19/02/20 20:25:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673300000 ms:
19/02/20 20:25:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673300000 ms:
19/02/20 20:25:00 INFO MapPartitionsRDD: Removing RDD 222 from persistence list
19/02/20 20:25:00 INFO MapPartitionsRDD: Removing RDD 221 from persistence list
19/02/20 20:25:00 INFO BlockManager: Removing RDD 222
19/02/20 20:25:00 INFO ShuffledRDD: Removing RDD 216 from persistence list
19/02/20 20:25:00 INFO BlockManager: Removing RDD 221

19/02/20 20:25:00 INFO MapPartitionsRDD: Removing RDD 215 from persistence list
19/02/20 20:25:00 INFO BlockManager: Removing RDD 215
19/02/20 20:25:00 INFO BlockManager: Removing RDD 216
19/02/20 20:25:00 INFO MapPartitionsRDD: Removing RDD 214 from persistence list
19/02/20 20:25:00 INFO BlockManager: Removing RDD 214
19/02/20 20:25:00 INFO MapPartitionsRDD: Removing RDD 213 from persistence list
19/02/20 20:25:00 INFO BlockManager: Removing RDD 213
19/02/20 20:25:00 INFO UnionRDD: Removing RDD 212 from persistence list
19/02/20 20:25:00 INFO BlockManager: Removing RDD 212
19/02/20 20:25:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673300000 ms:
19/02/20 20:25:00 INFO ShuffledRDD: Removing RDD 218 from persistence list
19/02/20 20:25:00 INFO BlockManager: Removing RDD 218
19/02/20 20:25:00 INFO MapPartitionsRDD: Removing RDD 217 from persistence list
19/02/20 20:25:00 INFO BlockManager: Removing RDD 217
19/02/20 20:25:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673300000 ms:
19/02/20 20:25:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673300000 ms:
19/02/20 20:25:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:25:00 INFO InputInfoTracker: remove old batch metadata:
19/02/20 20:26:00 INFO MappedDStream: Time 1550674560000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 840000 ms
19/02/20 20:26:00 INFO FlatMappedDStream: Time 1550674560000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 840000 ms
19/02/20 20:26:00 INFO TransformedDStream: Time 1550674560000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 840000 ms
19/02/20 20:26:00 INFO MappedDStream: Slicing from 1550674020000 ms to 1550674560000 ms (aligned to 1550674020000 ms and 1550674560000 ms)
19/02/20 20:26:00 INFO FileInputDStream: Finding new files took 15 ms
19/02/20 20:26:00 INFO FileInputDStream: New files at time 1550674560000 ms: file:/C:/Users/Public/JSON/stocks_price_1550674515.3322163.json
19/02/20 20:26:00 INFO MemoryStore: Block broadcast_61 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:26:00 INFO MemoryStore: Block broadcast_61_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:26:00 INFO BlockManagerInfo: Added broadcast_61_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:26:00 INFO SparkContext: Created broadcast 61 from textFileStream at SparkAnalysesDriver.java:52
19/02/20 20:26:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:26:00 INFO TransformedDStream: Time 1550674560000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 840000 ms
19/02/20 20:26:00 INFO JobScheduler: Added jobs for time 1550674560000 ms
19/02/20 20:26:00 INFO JobScheduler: Starting job streaming job 1550674560000 ms.0 from job set of time 1550674560000 ms
19/02/20 20:26:00 INFO SparkContext: Starting job: saveAsTextFile at RelativeStrengthIndex.java:125
19/02/20 20:26:00 INFO DAGScheduler: Registering RDD 247 (filter at RelativeStrengthIndex.java:54)
19/02/20 20:26:00 INFO DAGScheduler: Registering RDD 249 (filter at RelativeStrengthIndex.java:61)
19/02/20 20:26:00 INFO DAGScheduler: Got job 25 (saveAsTextFile at RelativeStrengthIndex.java:125) with 1 output partitions
19/02/20 20:26:00 INFO DAGScheduler: Final stage: ResultStage 94 (saveAsTextFile at RelativeStrengthIndex.java:125)
19/02/20 20:26:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 93, ShuffleMapStage 92)
19/02/20 20:26:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 93, ShuffleMapStage 92)

19/02/20 20:26:00 INFO DAGScheduler: Submitting ShuffleMapStage 92 (MapPartitionsRDD[247] at filter at RelativeStrengthIndex.java:54), which has no missing parents
19/02/20 20:26:00 INFO MemoryStore: Block broadcast_62 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:26:00 INFO MemoryStore: Block broadcast_62_piece0 stored as bytes in memory (estimated size 5.1 KB, free 2.2 GB)
19/02/20 20:26:00 INFO BlockManagerInfo: Added broadcast_62_piece0 in memory on 192.168.56.1:56546 (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:26:00 INFO SparkContext: Created broadcast 62 from broadcast at DAGScheduler.scala:1006
19/02/20 20:26:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 92 (MapPartitionsRDD[247] at filter at RelativeStrengthIndex.java:54) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:26:00 INFO TaskSchedulerImpl: Adding task set 92.0 with 11 tasks
19/02/20 20:26:00 INFO DAGScheduler: Submitting ShuffleMapStage 93 (MapPartitionsRDD[249] at filter at RelativeStrengthIndex.java:61), which has no missing parents
19/02/20 20:26:00 INFO TaskSetManager: Starting task 0.0 in stage 92.0 (TID 263, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:26:00 INFO TaskSetManager: Starting task 1.0 in stage 92.0 (TID 264, localhost, executor driver, partition 1, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:26:00 INFO TaskSetManager: Starting task 2.0 in stage 92.0 (TID 265, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:26:00 INFO TaskSetManager: Starting task 3.0 in stage 92.0 (TID 266, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:26:00 INFO TaskSetManager: Starting task 4.0 in stage 92.0 (TID 267, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:26:00 INFO TaskSetManager: Starting task 5.0 in stage 92.0 (TID 268, localhost, executor driver, partition 5, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:26:00 INFO TaskSetManager: Starting task 6.0 in stage 92.0 (TID 269, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:26:00 INFO TaskSetManager: Starting task 7.0 in stage 92.0 (TID 270, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:26:00 INFO Executor: Running task 2.0 in stage 92.0 (TID 265)
19/02/20 20:26:00 INFO Executor: Running task 5.0 in stage 92.0 (TID 268)
19/02/20 20:26:00 INFO Executor: Running task 1.0 in stage 92.0 (TID 264)
19/02/20 20:26:00 INFO MemoryStore: Block broadcast_63 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:26:00 INFO Executor: Running task 0.0 in stage 92.0 (TID 263)
19/02/20 20:26:00 INFO Executor: Running task 7.0 in stage 92.0 (TID 270)
19/02/20 20:26:00 INFO MemoryStore: Block broadcast_63_piece0 stored as bytes in memory (estimated size 5.1 KB, free 2.2 GB)
19/02/20 20:26:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:26:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:26:00 INFO BlockManager: Found block rdd_94_1 locally
19/02/20 20:26:00 INFO Executor: Running task 3.0 in stage 92.0 (TID 266)
19/02/20 20:26:00 INFO BlockManager: Found block rdd_94_0 locally
19/02/20 20:26:00 INFO Executor: Running task 4.0 in stage 92.0 (TID 267)
19/02/20 20:26:00 INFO BlockManager: Found block rdd_58_0 locally
19/02/20 20:26:00 INFO BlockManager: Found block rdd_108_0 locally
19/02/20 20:26:00 INFO BlockManagerInfo: Added broadcast_63_piece0 in memory on 192.168.56.1:56546 (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:26:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:26:00 INFO Executor: Running task 6.0 in stage 92.0 (TID 269)
19/02/20 20:26:00 INFO SparkContext: Created broadcast 63 from broadcast at DAGScheduler.scala:1006
19/02/20 20:26:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 93 (MapPartitionsRDD[249] at filter at RelativeStrengthIndex.java:61) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:26:00 INFO TaskSchedulerImpl: Adding task set 93.0 with 11 tasks
19/02/20 20:26:00 INFO BlockManager: Found block rdd_150_0 locally

19/02/20 20:26:00 INFO Executor: Finished task 5.0 in stage 92.0 (TID 268). 962 bytes result sent to driver
19/02/20 20:26:00 INFO Executor: Finished task 0.0 in stage 92.0 (TID 263). 919 bytes result sent to driver
19/02/20 20:26:00 INFO TaskSetManager: Starting task 8.0 in stage 92.0 (TID 271, localhost, executor driver, partition 8, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:26:00 INFO Executor: Running task 8.0 in stage 92.0 (TID 271)
19/02/20 20:26:00 INFO TaskSetManager: Starting task 9.0 in stage 92.0 (TID 272, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:26:00 INFO TaskSetManager: Finished task 0.0 in stage 92.0 (TID 263) in 13 ms on localhost (executor driver) (1/11)
19/02/20 20:26:00 INFO Executor: Running task 9.0 in stage 92.0 (TID 272)
19/02/20 20:26:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:26:00 INFO Executor: Finished task 1.0 in stage 92.0 (TID 264). 1005 bytes result sent to driver
19/02/20 20:26:00 INFO TaskSetManager: Finished task 5.0 in stage 92.0 (TID 268) in 14 ms on localhost (executor driver) (2/11)
19/02/20 20:26:00 INFO Executor: Finished task 2.0 in stage 92.0 (TID 265). 962 bytes result sent to driver
19/02/20 20:26:00 INFO TaskSetManager: Starting task 10.0 in stage 92.0 (TID 273, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:26:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:26:00 INFO Executor: Running task 10.0 in stage 92.0 (TID 273)
19/02/20 20:26:00 INFO TaskSetManager: Starting task 0.0 in stage 93.0 (TID 274, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:26:00 INFO TaskSetManager: Finished task 2.0 in stage 92.0 (TID 265) in 16 ms on localhost (executor driver) (3/11)
19/02/20 20:26:00 INFO TaskSetManager: Finished task 1.0 in stage 92.0 (TID 264) in 17 ms on localhost (executor driver) (4/11)
19/02/20 20:26:00 INFO Executor: Running task 0.0 in stage 93.0 (TID 274)
19/02/20 20:26:00 INFO Executor: Finished task 3.0 in stage 92.0 (TID 266). 962 bytes result sent to driver
19/02/20 20:26:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550674515.3322163.json:0+681
19/02/20 20:26:00 INFO TaskSetManager: Starting task 1.0 in stage 93.0 (TID 275, localhost, executor driver, partition 1, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:26:00 INFO TaskSetManager: Finished task 3.0 in stage 92.0 (TID 266) in 18 ms on localhost (executor driver) (5/11)
19/02/20 20:26:00 INFO Executor: Running task 1.0 in stage 93.0 (TID 275)
19/02/20 20:26:00 INFO BlockManager: Found block rdd_58_0 locally
19/02/20 20:26:00 INFO Executor: Finished task 4.0 in stage 92.0 (TID 267). 962 bytes result sent to driver
19/02/20 20:26:00 INFO BlockManager: Found block rdd_94_0 locally
19/02/20 20:26:00 INFO MemoryStore: Block rdd_243_0 stored as bytes in memory (estimated size 685.0 B, free 2.2 GB)
19/02/20 20:26:00 INFO TaskSetManager: Starting task 2.0 in stage 93.0 (TID 276, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:26:00 INFO BlockManagerInfo: Added rdd_243_0 in memory on 192.168.56.1:56546 (size: 685.0 B, free: 2.2 GB)
19/02/20 20:26:00 INFO Executor: Finished task 9.0 in stage 92.0 (TID 272). 962 bytes result sent to driver
19/02/20 20:26:00 INFO TaskSetManager: Starting task 3.0 in stage 93.0 (TID 277, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:26:00 INFO Executor: Running task 2.0 in stage 93.0 (TID 276)
19/02/20 20:26:00 INFO Executor: Running task 3.0 in stage 93.0 (TID 277)
19/02/20 20:26:00 INFO BlockManager: Found block rdd_94_1 locally
19/02/20 20:26:00 INFO BlockManager: Found block rdd_108_0 locally
19/02/20 20:26:00 INFO Executor: Finished task 8.0 in stage 92.0 (TID 271). 962 bytes result sent to driver
19/02/20 20:26:00 INFO TaskSetManager: Finished task 4.0 in stage 92.0 (TID 267) in 22 ms on localhost (executor driver) (6/11)
19/02/20 20:26:00 INFO TaskSetManager: Starting task 4.0 in stage 93.0 (TID 278, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:26:00 INFO TaskSetManager: Finished task 9.0 in stage 92.0 (TID 272)

in 14 ms on localhost (executor driver) (7/11)
19/02/20 20:26:00 INFO Executor: Running task 4.0 in stage 93.0 (TID 278)
19/02/20 20:26:00 INFO TaskSetManager: Finished task 8.0 in stage 92.0 (TID 271)
in 16 ms on localhost (executor driver) (8/11)
19/02/20 20:26:00 INFO Executor: Finished task 6.0 in stage 92.0 (TID 269). 1005
bytes result sent to driver
19/02/20 20:26:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:26:00 INFO TaskSetManager: Starting task 5.0 in stage 93.0 (TID 279,
localhost, executor driver, partition 5, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:26:00 INFO TaskSetManager: Finished task 6.0 in stage 92.0 (TID 269)
in 29 ms on localhost (executor driver) (9/11)
19/02/20 20:26:00 INFO Executor: Running task 5.0 in stage 93.0 (TID 279)
19/02/20 20:26:00 INFO Executor: Finished task 7.0 in stage 92.0 (TID 270). 962
bytes result sent to driver
19/02/20 20:26:00 INFO TaskSetManager: Starting task 6.0 in stage 93.0 (TID 280,
localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:26:00 INFO TaskSetManager: Finished task 7.0 in stage 92.0 (TID 270)
in 30 ms on localhost (executor driver) (10/11)
19/02/20 20:26:00 INFO Executor: Running task 6.0 in stage 93.0 (TID 280)
19/02/20 20:26:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:26:00 INFO Executor: Finished task 3.0 in stage 93.0 (TID 277). 1005
bytes result sent to driver
19/02/20 20:26:00 INFO TaskSetManager: Starting task 7.0 in stage 93.0 (TID 281,
localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:26:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:26:00 INFO Executor: Running task 7.0 in stage 93.0 (TID 281)
19/02/20 20:26:00 INFO TaskSetManager: Finished task 3.0 in stage 93.0 (TID 277)
in 11 ms on localhost (executor driver) (1/11)
19/02/20 20:26:00 INFO Executor: Finished task 4.0 in stage 93.0 (TID 278). 962
bytes result sent to driver
19/02/20 20:26:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:26:00 INFO TaskSetManager: Starting task 8.0 in stage 93.0 (TID 282,
localhost, executor driver, partition 8, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:26:00 INFO TaskSetManager: Finished task 4.0 in stage 93.0 (TID 278)
in 9 ms on localhost (executor driver) (2/11)
19/02/20 20:26:00 INFO Executor: Running task 8.0 in stage 93.0 (TID 282)
19/02/20 20:26:00 INFO Executor: Finished task 2.0 in stage 93.0 (TID 276). 1005
bytes result sent to driver
19/02/20 20:26:00 INFO TaskSetManager: Starting task 9.0 in stage 93.0 (TID 283,
localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:26:00 INFO TaskSetManager: Finished task 2.0 in stage 93.0 (TID 276)
in 16 ms on localhost (executor driver) (3/11)
19/02/20 20:26:00 INFO Executor: Running task 9.0 in stage 93.0 (TID 283)
19/02/20 20:26:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:26:00 INFO Executor: Finished task 10.0 in stage 92.0 (TID 273).
1745 bytes result sent to driver
19/02/20 20:26:00 INFO TaskSetManager: Starting task 10.0 in stage 93.0 (TID
284, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:26:00 INFO TaskSetManager: Finished task 10.0 in stage 92.0 (TID
273) in 25 ms on localhost (executor driver) (11/11)
19/02/20 20:26:00 INFO TaskSchedulerImpl: Removed TaskSet 92.0, whose tasks have
all completed, from pool
19/02/20 20:26:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:26:00 INFO Executor: Running task 10.0 in stage 93.0 (TID 284)
19/02/20 20:26:00 INFO Executor: Finished task 1.0 in stage 93.0 (TID 275). 1005
bytes result sent to driver
19/02/20 20:26:00 INFO DAGScheduler: ShuffleMapStage 92 (filter at
RelativeStrengthIndex.java:54) finished in 0.041 s
19/02/20 20:26:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:26:00 INFO DAGScheduler: running: Set(ShuffleMapStage 93)
19/02/20 20:26:00 INFO DAGScheduler: waiting: Set(ResultStage 94)
19/02/20 20:26:00 INFO DAGScheduler: failed: Set()
19/02/20 20:26:00 INFO TaskSetManager: Finished task 1.0 in stage 93.0 (TID 275)
in 23 ms on localhost (executor driver) (4/11)

19/02/20 20:26:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:26:00 INFO Executor: Finished task 0.0 in stage 93.0 (TID 274). 962 bytes result sent to driver
19/02/20 20:26:00 INFO TaskSetManager: Finished task 0.0 in stage 93.0 (TID 274) in 28 ms on localhost (executor driver) (5/11)
19/02/20 20:26:00 INFO Executor: Finished task 8.0 in stage 93.0 (TID 282). 1005 bytes result sent to driver
19/02/20 20:26:00 INFO TaskSetManager: Finished task 8.0 in stage 93.0 (TID 282) in 10 ms on localhost (executor driver) (6/11)
19/02/20 20:26:00 INFO Executor: Finished task 7.0 in stage 93.0 (TID 281). 876 bytes result sent to driver
19/02/20 20:26:00 INFO TaskSetManager: Finished task 7.0 in stage 93.0 (TID 281) in 13 ms on localhost (executor driver) (7/11)
19/02/20 20:26:00 INFO Executor: Finished task 6.0 in stage 93.0 (TID 280). 962 bytes result sent to driver
19/02/20 20:26:00 INFO TaskSetManager: Finished task 6.0 in stage 93.0 (TID 280) in 17 ms on localhost (executor driver) (8/11)
19/02/20 20:26:00 INFO Executor: Finished task 5.0 in stage 93.0 (TID 279). 962 bytes result sent to driver
19/02/20 20:26:00 INFO TaskSetManager: Finished task 5.0 in stage 93.0 (TID 279) in 19 ms on localhost (executor driver) (9/11)
19/02/20 20:26:00 INFO Executor: Finished task 10.0 in stage 93.0 (TID 284). 962 bytes result sent to driver
19/02/20 20:26:00 INFO TaskSetManager: Finished task 10.0 in stage 93.0 (TID 284) in 11 ms on localhost (executor driver) (10/11)
19/02/20 20:26:00 INFO Executor: Finished task 9.0 in stage 93.0 (TID 283). 1005 bytes result sent to driver
19/02/20 20:26:00 INFO TaskSetManager: Finished task 9.0 in stage 93.0 (TID 283) in 14 ms on localhost (executor driver) (11/11)
19/02/20 20:26:00 INFO TaskSchedulerImpl: Removed TaskSet 93.0, whose tasks have all completed, from pool
19/02/20 20:26:00 INFO DAGScheduler: ShuffleMapStage 93 (filter at RelativeStrengthIndex.java:61) finished in 0.043 s
19/02/20 20:26:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:26:00 INFO DAGScheduler: running: Set()
19/02/20 20:26:00 INFO DAGScheduler: waiting: Set(ResultStage 94)
19/02/20 20:26:00 INFO DAGScheduler: failed: Set()
19/02/20 20:26:00 INFO DAGScheduler: Submitting ResultStage 94 (MapPartitionsRDD[256] at saveAsTextFile at RelativeStrengthIndex.java:125), which has no missing parents
19/02/20 20:26:00 INFO MemoryStore: Block broadcast_64 stored as values in memory (estimated size 53.4 KB, free 2.2 GB)
19/02/20 20:26:00 INFO MemoryStore: Block broadcast_64_piece0 stored as bytes in memory (estimated size 19.3 KB, free 2.2 GB)
19/02/20 20:26:00 INFO BlockManagerInfo: Added broadcast_64_piece0 in memory on 192.168.56.1:56546 (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:26:00 INFO SparkContext: Created broadcast 64 from broadcast at DAGScheduler.scala:1006
19/02/20 20:26:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 94 (MapPartitionsRDD[256] at saveAsTextFile at RelativeStrengthIndex.java:125) (first 15 tasks are for partitions Vector(0))
19/02/20 20:26:00 INFO TaskSchedulerImpl: Adding task set 94.0 with 1 tasks
19/02/20 20:26:00 INFO TaskSetManager: Starting task 0.0 in stage 94.0 (TID 285, localhost, executor driver, partition 0, ANY, 5682 bytes)
19/02/20 20:26:00 INFO Executor: Running task 0.0 in stage 94.0 (TID 285)
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks

out of 11 blocks
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Getting 9 non-empty blocks out of 11 blocks
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Getting 9 non-empty blocks out of 11 blocks
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Getting 4 non-empty blocks out of 11 blocks
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Getting 3 non-empty blocks out of 11 blocks
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:26:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:26:00 INFO FileOutputCommitter: Saved output of task 'attempt_20190220202600_0094_m_000000_285' to file:/C:/Users/Public/output/Analyses3_Rsi_1550674560067/_temporary/0/task_20190220202600_0094_m_000000
19/02/20 20:26:00 INFO SparkHadoopMapRedUtil: attempt_20190220202600_0094_m_000000_285: Committed
19/02/20 20:26:00 INFO Executor: Finished task 0.0 in stage 94.0 (TID 285). 1096 bytes result sent to driver
19/02/20 20:26:00 INFO TaskSetManager: Finished task 0.0 in stage 94.0 (TID 285)

in 151 ms on localhost (executor driver) (1/1)
19/02/20 20:26:00 INFO TaskSchedulerImpl: Removed TaskSet 94.0, whose tasks have all completed, from pool
19/02/20 20:26:00 INFO DAGScheduler: ResultStage 94 (saveAsTextFile at RelativeStrengthIndex.java:125) finished in 0.151 s
19/02/20 20:26:00 INFO DAGScheduler: Job 25 finished: saveAsTextFile at RelativeStrengthIndex.java:125, took 0.218825 s
19/02/20 20:26:00 INFO JobScheduler: Finished job streaming job 1550674560000 ms.0 from job set of time 1550674560000 ms
19/02/20 20:26:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673360000 ms:
19/02/20 20:26:00 INFO JobScheduler: Total delay: 0.423 s for time 1550674560000 ms (execution: 0.357 s)
19/02/20 20:26:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673360000 ms:
19/02/20 20:26:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673360000 ms:
19/02/20 20:26:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673360000 ms:
19/02/20 20:26:00 INFO MapPartitionsRDD: Removing RDD 238 from persistence list
19/02/20 20:26:00 INFO MapPartitionsRDD: Removing RDD 237 from persistence list
19/02/20 20:26:00 INFO BlockManager: Removing RDD 238
19/02/20 20:26:00 INFO ShuffledRDD: Removing RDD 232 from persistence list
19/02/20 20:26:00 INFO MapPartitionsRDD: Removing RDD 231 from persistence list
19/02/20 20:26:00 INFO BlockManager: Removing RDD 237
19/02/20 20:26:00 INFO BlockManager: Removing RDD 231
19/02/20 20:26:00 INFO MapPartitionsRDD: Removing RDD 230 from persistence list
19/02/20 20:26:00 INFO BlockManager: Removing RDD 232
19/02/20 20:26:00 INFO BlockManager: Removing RDD 230
19/02/20 20:26:00 INFO MapPartitionsRDD: Removing RDD 229 from persistence list
19/02/20 20:26:00 INFO BlockManager: Removing RDD 229
19/02/20 20:26:00 INFO UnionRDD: Removing RDD 228 from persistence list
19/02/20 20:26:00 INFO BlockManager: Removing RDD 228
19/02/20 20:26:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673360000 ms:
19/02/20 20:26:00 INFO ShuffledRDD: Removing RDD 234 from persistence list
19/02/20 20:26:00 INFO BlockManager: Removing RDD 234
19/02/20 20:26:00 INFO MapPartitionsRDD: Removing RDD 233 from persistence list
19/02/20 20:26:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673360000 ms:
19/02/20 20:26:00 INFO BlockManager: Removing RDD 233
19/02/20 20:26:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673360000 ms:
19/02/20 20:26:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:26:00 INFO InputInfoTracker: remove old batch metadata:
19/02/20 20:27:00 INFO MappedDStream: Slicing from 1550674080000 ms to 1550674620000 ms (aligned to 1550674080000 ms and 1550674620000 ms)
19/02/20 20:27:00 INFO FileInputDStream: Finding new files took 18 ms
19/02/20 20:27:00 INFO FileInputDStream: New files at time 1550674620000 ms: file:/C:/Users/Public/JSON/stocks_price_1550674570.0762012.json
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_65 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_65_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:27:00 INFO BlockManagerInfo: Added broadcast_65_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO SparkContext: Created broadcast 65 from textFileStream at SparkAnalysesDriver.java:52
19/02/20 20:27:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:27:00 INFO SparkContext: Starting job: sortByKey at MaximumProfitStock.java:141
19/02/20 20:27:00 INFO DAGScheduler: Registering RDD 268 (mapToPair at MaximumProfitStock.java:43)
19/02/20 20:27:00 INFO DAGScheduler: Registering RDD 270 (mapToPair at

MaximumProfitStock.java:94)
19/02/20 20:27:00 INFO DAGScheduler: Registering RDD 265 (mapToPair at MaximumProfitStock.java:26)
19/02/20 20:27:00 INFO DAGScheduler: Registering RDD 267 (mapToPair at MaximumProfitStock.java:75)
19/02/20 20:27:00 INFO DAGScheduler: Got job 26 (sortByKey at MaximumProfitStock.java:141) with 8 output partitions
19/02/20 20:27:00 INFO DAGScheduler: Final stage: ResultStage 99 (sortByKey at MaximumProfitStock.java:141)
19/02/20 20:27:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 96, ShuffleMapStage 98)
19/02/20 20:27:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 96, ShuffleMapStage 98)
19/02/20 20:27:00 INFO DAGScheduler: Submitting ShuffleMapStage 95 (MapPartitionsRDD[268] at mapToPair at MaximumProfitStock.java:43), which has no missing parents
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_66 stored as values in memory (estimated size 10.0 KB, free 2.2 GB)
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_66_piece0 stored as bytes in memory (estimated size 4.8 KB, free 2.2 GB)
19/02/20 20:27:00 INFO BlockManagerInfo: Added broadcast_66_piece0 in memory on 192.168.56.1:56546 (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO SparkContext: Created broadcast 66 from broadcast at DAGScheduler.scala:1006
19/02/20 20:27:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 95 (MapPartitionsRDD[268] at mapToPair at MaximumProfitStock.java:43) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:27:00 INFO TaskSchedulerImpl: Adding task set 95.0 with 11 tasks
19/02/20 20:27:00 INFO DAGScheduler: Submitting ShuffleMapStage 97 (MapPartitionsRDD[265] at mapToPair at MaximumProfitStock.java:26), which has no missing parents
19/02/20 20:27:00 INFO TaskSetManager: Starting task 0.0 in stage 95.0 (TID 286, localhost, executor driver, partition 0, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 1.0 in stage 95.0 (TID 287, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 2.0 in stage 95.0 (TID 288, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 3.0 in stage 95.0 (TID 289, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 4.0 in stage 95.0 (TID 290, localhost, executor driver, partition 4, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 5.0 in stage 95.0 (TID 291, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 6.0 in stage 95.0 (TID 292, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 7.0 in stage 95.0 (TID 293, localhost, executor driver, partition 7, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:27:00 INFO Executor: Running task 1.0 in stage 95.0 (TID 287)
19/02/20 20:27:00 INFO Executor: Running task 0.0 in stage 95.0 (TID 286)
19/02/20 20:27:00 INFO Executor: Running task 4.0 in stage 95.0 (TID 290)
19/02/20 20:27:00 INFO Executor: Running task 2.0 in stage 95.0 (TID 288)
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_67 stored as values in memory (estimated size 10.0 KB, free 2.2 GB)
19/02/20 20:27:00 INFO Executor: Running task 5.0 in stage 95.0 (TID 291)
19/02/20 20:27:00 INFO Executor: Running task 3.0 in stage 95.0 (TID 289)
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_67_piece0 stored as bytes in memory (estimated size 4.8 KB, free 2.2 GB)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:27:00 INFO Executor: Running task 6.0 in stage 95.0 (TID 292)
19/02/20 20:27:00 INFO Executor: Running task 7.0 in stage 95.0 (TID 293)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_94_1 locally
19/02/20 20:27:00 INFO BlockManagerInfo: Added broadcast_67_piece0 in memory on 192.168.56.1:56546 (size: 4.8 KB, free: 2.2 GB)

19/02/20 20:27:00 INFO BlockManager: Found block rdd_108_0 locally
19/02/20 20:27:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:27:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:27:00 INFO BlockManager: Found block rdd_94_0 locally
19/02/20 20:27:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:27:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:27:00 INFO SparkContext: Created broadcast 67 from broadcast at DAGScheduler.scala:1006
19/02/20 20:27:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 97 (MapPartitionsRDD[265] at mapToPair at MaximumProfitStock.java:26) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:27:00 INFO TaskSchedulerImpl: Adding task set 97.0 with 11 tasks
19/02/20 20:27:00 INFO Executor: Finished task 6.0 in stage 95.0 (TID 292). 962 bytes result sent to driver
19/02/20 20:27:00 INFO Executor: Finished task 0.0 in stage 95.0 (TID 286). 962 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 8.0 in stage 95.0 (TID 294, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 9.0 in stage 95.0 (TID 295, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 6.0 in stage 95.0 (TID 292) in 16 ms on localhost (executor driver) (1/11)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 0.0 in stage 95.0 (TID 286) in 16 ms on localhost (executor driver) (2/11)
19/02/20 20:27:00 INFO Executor: Running task 8.0 in stage 95.0 (TID 294)
19/02/20 20:27:00 INFO Executor: Finished task 1.0 in stage 95.0 (TID 287). 919 bytes result sent to driver
19/02/20 20:27:00 INFO Executor: Running task 9.0 in stage 95.0 (TID 295)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 10.0 in stage 95.0 (TID 296, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO Executor: Finished task 3.0 in stage 95.0 (TID 289). 919 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 1.0 in stage 95.0 (TID 287) in 16 ms on localhost (executor driver) (3/11)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:27:00 INFO Executor: Running task 10.0 in stage 95.0 (TID 296)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:27:00 INFO Executor: Finished task 2.0 in stage 95.0 (TID 288). 919 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 0.0 in stage 97.0 (TID 297, localhost, executor driver, partition 0, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:27:00 INFO Executor: Running task 0.0 in stage 97.0 (TID 297)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 1.0 in stage 97.0 (TID 298, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 3.0 in stage 95.0 (TID 289) in 16 ms on localhost (executor driver) (4/11)
19/02/20 20:27:00 INFO Executor: Running task 1.0 in stage 97.0 (TID 298)
19/02/20 20:27:00 INFO NewHadoopRDD: Input split: file:/C:/Users/Public/JSON/stocks_price_1550674570.0762012.json:0+682
19/02/20 20:27:00 INFO TaskSetManager: Finished task 2.0 in stage 95.0 (TID 288) in 16 ms on localhost (executor driver) (5/11)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_94_0 locally
19/02/20 20:27:00 INFO BlockManager: Found block rdd_94_1 locally
19/02/20 20:27:00 INFO MemoryStore: Block rdd_259_0 stored as bytes in memory (estimated size 686.0 B, free 2.2 GB)
19/02/20 20:27:00 INFO BlockManagerInfo: Added rdd_259_0 in memory on 192.168.56.1:56546 (size: 686.0 B, free: 2.2 GB)
19/02/20 20:27:00 INFO Executor: Finished task 4.0 in stage 95.0 (TID 290). 962 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 2.0 in stage 97.0 (TID 299, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 4.0 in stage 95.0 (TID 290) in 31 ms on localhost (executor driver) (6/11)

19/02/20 20:27:00 INFO Executor: Running task 2.0 in stage 97.0 (TID 299)
19/02/20 20:27:00 INFO Executor: Finished task 5.0 in stage 95.0 (TID 291). 919 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 3.0 in stage 97.0 (TID 300, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO Executor: Running task 3.0 in stage 97.0 (TID 300)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 5.0 in stage 95.0 (TID 291) in 31 ms on localhost (executor driver) (7/11)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_108_0 locally
19/02/20 20:27:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:27:00 INFO Executor: Finished task 0.0 in stage 97.0 (TID 297). 962 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 4.0 in stage 97.0 (TID 301, localhost, executor driver, partition 4, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:27:00 INFO Executor: Running task 4.0 in stage 97.0 (TID 301)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 0.0 in stage 97.0 (TID 297) in 15 ms on localhost (executor driver) (1/11)
19/02/20 20:27:00 INFO Executor: Finished task 10.0 in stage 95.0 (TID 296). 1659 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 5.0 in stage 97.0 (TID 302, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:27:00 INFO TaskSetManager: Finished task 10.0 in stage 95.0 (TID 296) in 15 ms on localhost (executor driver) (8/11)
19/02/20 20:27:00 INFO Executor: Running task 5.0 in stage 97.0 (TID 302)
19/02/20 20:27:00 INFO Executor: Finished task 1.0 in stage 97.0 (TID 298). 962 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 6.0 in stage 97.0 (TID 303, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 1.0 in stage 97.0 (TID 298) in 31 ms on localhost (executor driver) (2/11)
19/02/20 20:27:00 INFO Executor: Running task 6.0 in stage 97.0 (TID 303)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:27:00 INFO Executor: Finished task 7.0 in stage 95.0 (TID 293). 962 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 7.0 in stage 97.0 (TID 304, localhost, executor driver, partition 7, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 7.0 in stage 95.0 (TID 293) in 47 ms on localhost (executor driver) (9/11)
19/02/20 20:27:00 INFO Executor: Running task 7.0 in stage 97.0 (TID 304)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:27:00 INFO Executor: Finished task 8.0 in stage 95.0 (TID 294). 962 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 8.0 in stage 97.0 (TID 305, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:27:00 INFO TaskSetManager: Finished task 8.0 in stage 95.0 (TID 294) in 31 ms on localhost (executor driver) (10/11)
19/02/20 20:27:00 INFO Executor: Running task 8.0 in stage 97.0 (TID 305)
19/02/20 20:27:00 INFO Executor: Finished task 9.0 in stage 95.0 (TID 295). 919 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 9.0 in stage 97.0 (TID 306, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 9.0 in stage 95.0 (TID 295) in 31 ms on localhost (executor driver) (11/11)
19/02/20 20:27:00 INFO Executor: Running task 9.0 in stage 97.0 (TID 306)
19/02/20 20:27:00 INFO DAGScheduler: ShuffleMapStage 95 (mapToPair at MaximumProfitStock.java:43) finished in 0.047 s
19/02/20 20:27:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:27:00 INFO DAGScheduler: running: Set(ShuffleMapStage 97)
19/02/20 20:27:00 INFO DAGScheduler: waiting: Set(ResultStage 99, ShuffleMapStage 96, ShuffleMapStage 98)
19/02/20 20:27:00 INFO DAGScheduler: failed: Set()
19/02/20 20:27:00 INFO DAGScheduler: Submitting ShuffleMapStage 96

(MapPartitionsRDD[270] at mapToPair at MaximumProfitStock.java:94), which has no missing parents

19/02/20 20:27:00 INFO BlockManager: Found block rdd_227_0 locally

19/02/20 20:27:00 INFO Executor: Finished task 5.0 in stage 97.0 (TID 302). 962 bytes result sent to driver

19/02/20 20:27:00 INFO TaskSchedulerImpl: Removed TaskSet 95.0, whose tasks have all completed, from pool

19/02/20 20:27:00 INFO MemoryStore: Block broadcast_68 stored as values in memory (estimated size 4.7 KB, free 2.2 GB)

19/02/20 20:27:00 INFO TaskSetManager: Starting task 10.0 in stage 97.0 (TID 307, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:27:00 INFO Executor: Running task 10.0 in stage 97.0 (TID 307)

19/02/20 20:27:00 INFO BlockManager: Found block rdd_243_0 locally

19/02/20 20:27:00 INFO MemoryStore: Block broadcast_68_piece0 stored as bytes in memory (estimated size 2.7 KB, free 2.2 GB)

19/02/20 20:27:00 INFO TaskSetManager: Finished task 5.0 in stage 97.0 (TID 302) in 16 ms on localhost (executor driver) (3/11)

19/02/20 20:27:00 INFO BlockManagerInfo: Added broadcast_68_piece0 in memory on 192.168.56.1:56546 (size: 2.7 KB, free: 2.2 GB)

19/02/20 20:27:00 INFO SparkContext: Created broadcast 68 from broadcast at DAGScheduler.scala:1006

19/02/20 20:27:00 INFO BlockManager: Found block rdd_259_0 locally

19/02/20 20:27:00 INFO DAGScheduler: Submitting 8 missing tasks from ShuffleMapStage 96 (MapPartitionsRDD[270] at mapToPair at MaximumProfitStock.java:94) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7))

19/02/20 20:27:00 INFO TaskSchedulerImpl: Adding task set 96.0 with 8 tasks

19/02/20 20:27:00 INFO Executor: Finished task 4.0 in stage 97.0 (TID 301). 919 bytes result sent to driver

19/02/20 20:27:00 INFO TaskSetManager: Starting task 0.0 in stage 96.0 (TID 308, localhost, executor driver, partition 0, PROCESS_LOCAL, 4610 bytes)

19/02/20 20:27:00 INFO TaskSetManager: Finished task 4.0 in stage 97.0 (TID 301) in 16 ms on localhost (executor driver) (4/11)

19/02/20 20:27:00 INFO Executor: Running task 0.0 in stage 96.0 (TID 308)

19/02/20 20:27:00 INFO Executor: Finished task 3.0 in stage 97.0 (TID 300). 919 bytes result sent to driver

19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks

19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms

19/02/20 20:27:00 INFO TaskSetManager: Starting task 1.0 in stage 96.0 (TID 309, localhost, executor driver, partition 1, PROCESS_LOCAL, 4610 bytes)

19/02/20 20:27:00 INFO Executor: Running task 1.0 in stage 96.0 (TID 309)

19/02/20 20:27:00 INFO Executor: Finished task 2.0 in stage 97.0 (TID 299). 919 bytes result sent to driver

19/02/20 20:27:00 INFO TaskSetManager: Finished task 3.0 in stage 97.0 (TID 300) in 16 ms on localhost (executor driver) (5/11)

19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks

19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms

19/02/20 20:27:00 INFO TaskSetManager: Starting task 2.0 in stage 96.0 (TID 310, localhost, executor driver, partition 2, PROCESS_LOCAL, 4610 bytes)

19/02/20 20:27:00 INFO Executor: Finished task 10.0 in stage 97.0 (TID 307). 962 bytes result sent to driver

19/02/20 20:27:00 INFO Executor: Running task 2.0 in stage 96.0 (TID 310)

19/02/20 20:27:00 INFO TaskSetManager: Finished task 2.0 in stage 97.0 (TID 299) in 32 ms on localhost (executor driver) (6/11)

19/02/20 20:27:00 INFO TaskSetManager: Starting task 3.0 in stage 96.0 (TID 311, localhost, executor driver, partition 3, PROCESS_LOCAL, 4610 bytes)

19/02/20 20:27:00 INFO Executor: Running task 3.0 in stage 96.0 (TID 311)

19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks

19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in

0 ms
19/02/20 20:27:00 INFO Executor: Finished task 9.0 in stage 97.0 (TID 306). 962 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 5.0 in stage 96.0 (TID 312, localhost, executor driver, partition 5, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO Executor: Running task 5.0 in stage 96.0 (TID 312)
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO Executor: Finished task 8.0 in stage 97.0 (TID 305). 919 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 10.0 in stage 97.0 (TID 307) in 16 ms on localhost (executor driver) (7/11)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 9.0 in stage 97.0 (TID 306) in 16 ms on localhost (executor driver) (8/11)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 8.0 in stage 97.0 (TID 305) in 16 ms on localhost (executor driver) (9/11)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 7.0 in stage 96.0 (TID 313, localhost, executor driver, partition 7, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:27:00 INFO Executor: Running task 7.0 in stage 96.0 (TID 313)
19/02/20 20:27:00 INFO Executor: Finished task 2.0 in stage 96.0 (TID 310). 919 bytes result sent to driver
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO TaskSetManager: Starting task 4.0 in stage 96.0 (TID 314, localhost, executor driver, partition 4, ANY, 4610 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 2.0 in stage 96.0 (TID 310) in 0 ms on localhost (executor driver) (1/8)
19/02/20 20:27:00 INFO Executor: Running task 4.0 in stage 96.0 (TID 314)
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO Executor: Finished task 7.0 in stage 97.0 (TID 304). 919 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 6.0 in stage 96.0 (TID 315, localhost, executor driver, partition 6, ANY, 4610 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 7.0 in stage 97.0 (TID 304) in 16 ms on localhost (executor driver) (10/11)
19/02/20 20:27:00 INFO Executor: Running task 6.0 in stage 96.0 (TID 315)
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO Executor: Finished task 7.0 in stage 96.0 (TID 313). 919 bytes result sent to driver
19/02/20 20:27:00 INFO Executor: Finished task 5.0 in stage 96.0 (TID 312). 919 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 7.0 in stage 96.0 (TID 313) in 0 ms on localhost (executor driver) (2/8)
19/02/20 20:27:00 INFO Executor: Finished task 3.0 in stage 96.0 (TID 311). 919 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 5.0 in stage 96.0 (TID 312) in 0 ms on localhost (executor driver) (3/8)
19/02/20 20:27:00 INFO Executor: Finished task 1.0 in stage 96.0 (TID 309). 1005 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 3.0 in stage 96.0 (TID 311)

in 15 ms on localhost (executor driver) (4/8)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 1.0 in stage 96.0 (TID 309)
in 31 ms on localhost (executor driver) (5/8)
19/02/20 20:27:00 INFO Executor: Finished task 0.0 in stage 96.0 (TID 308). 1048
bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 0.0 in stage 96.0 (TID 308)
in 31 ms on localhost (executor driver) (6/8)
19/02/20 20:27:00 INFO Executor: Finished task 6.0 in stage 97.0 (TID 303). 962
bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 6.0 in stage 97.0 (TID 303)
in 47 ms on localhost (executor driver) (11/11)
19/02/20 20:27:00 INFO TaskSchedulerImpl: Removed TaskSet 97.0, whose tasks have
all completed, from pool
19/02/20 20:27:00 INFO DAGScheduler: ShuffleMapStage 97 (mapToPair at
MaximumProfitStock.java:26) finished in 0.062 s
19/02/20 20:27:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:27:00 INFO DAGScheduler: running: Set(ShuffleMapStage 96)
19/02/20 20:27:00 INFO DAGScheduler: waiting: Set(ResultStage 99,
ShuffleMapStage 98)
19/02/20 20:27:00 INFO DAGScheduler: failed: Set()
19/02/20 20:27:00 INFO ContextCleaner: Cleaned shuffle 16
19/02/20 20:27:00 INFO DAGScheduler: Submitting ShuffleMapStage 98
(MapPartitionsRDD[267] at mapToPair at MaximumProfitStock.java:75), which has no
missing parents
19/02/20 20:27:00 INFO BlockManagerInfo: Removed broadcast_60_piece0 on
192.168.56.1:56546 in memory (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_69 stored as values in
memory (estimated size 4.7 KB, free 2.2 GB)
19/02/20 20:27:00 INFO ContextCleaner: Cleaned shuffle 19
19/02/20 20:27:00 INFO ContextCleaner: Cleaned shuffle 18
19/02/20 20:27:00 INFO BlockManagerInfo: Removed broadcast_64_piece0 on
192.168.56.1:56546 in memory (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_69_piece0 stored as bytes in
memory (estimated size 2.7 KB, free 2.2 GB)
19/02/20 20:27:00 INFO BlockManagerInfo: Added broadcast_69_piece0 in memory on
192.168.56.1:56546 (size: 2.7 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO SparkContext: Created broadcast 69 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:27:00 INFO DAGScheduler: Submitting 8 missing tasks from
ShuffleMapStage 98 (MapPartitionsRDD[267] at mapToPair at
MaximumProfitStock.java:75) (first 15 tasks are for partitions Vector(0, 1, 2,
3, 4, 5, 6, 7))
19/02/20 20:27:00 INFO TaskSchedulerImpl: Adding task set 98.0 with 8 tasks
19/02/20 20:27:00 INFO Executor: Finished task 6.0 in stage 96.0 (TID 315). 1177
bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 0.0 in stage 98.0 (TID 316,
localhost, executor driver, partition 0, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 1.0 in stage 98.0 (TID 317,
localhost, executor driver, partition 1, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:27:00 INFO BlockManagerInfo: Removed broadcast_56_piece0 on
192.168.56.1:56546 in memory (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 2.0 in stage 98.0 (TID 318,
localhost, executor driver, partition 2, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 3.0 in stage 98.0 (TID 319,
localhost, executor driver, partition 3, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 5.0 in stage 98.0 (TID 320,
localhost, executor driver, partition 5, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 7.0 in stage 98.0 (TID 321,
localhost, executor driver, partition 7, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 4.0 in stage 98.0 (TID 322,
localhost, executor driver, partition 4, ANY, 4610 bytes)
19/02/20 20:27:00 INFO Executor: Running task 0.0 in stage 98.0 (TID 316)
19/02/20 20:27:00 INFO Executor: Finished task 4.0 in stage 96.0 (TID 314). 1177
bytes result sent to driver

19/02/20 20:27:00 INFO Executor: Running task 3.0 in stage 98.0 (TID 319)
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO Executor: Running task 5.0 in stage 98.0 (TID 320)
19/02/20 20:27:00 INFO Executor: Running task 1.0 in stage 98.0 (TID 317)
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO Executor: Running task 7.0 in stage 98.0 (TID 321)
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO TaskSetManager: Finished task 6.0 in stage 96.0 (TID 315)
in 31 ms on localhost (executor driver) (7/8)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 6.0 in stage 98.0 (TID 323,
localhost, executor driver, partition 6, ANY, 4610 bytes)
19/02/20 20:27:00 INFO Executor: Running task 4.0 in stage 98.0 (TID 322)
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO Executor: Running task 2.0 in stage 98.0 (TID 318)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 4.0 in stage 96.0 (TID 314)
in 31 ms on localhost (executor driver) (8/8)
19/02/20 20:27:00 INFO Executor: Running task 6.0 in stage 98.0 (TID 323)
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks
out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO TaskSchedulerImpl: Removed TaskSet 96.0, whose tasks have
all completed, from pool
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO BlockManagerInfo: Removed broadcast_62_piece0 on
192.168.56.1:56546 in memory (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO DAGScheduler: ShuffleMapStage 96 (mapToPair at
MaximumProfitStock.java:94) finished in 0.047 s
19/02/20 20:27:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:27:00 INFO DAGScheduler: running: Set(ShuffleMapStage 98)
19/02/20 20:27:00 INFO DAGScheduler: waiting: Set(ResultStage 99)
19/02/20 20:27:00 INFO DAGScheduler: failed: Set()
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks
out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO ContextCleaner: Cleaned shuffle 21
19/02/20 20:27:00 INFO ContextCleaner: Cleaned shuffle 17
19/02/20 20:27:00 INFO Executor: Finished task 2.0 in stage 98.0 (TID 318). 962
bytes result sent to driver
19/02/20 20:27:00 INFO Executor: Finished task 1.0 in stage 98.0 (TID 317). 962
bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 2.0 in stage 98.0 (TID 318)
in 15 ms on localhost (executor driver) (1/8)
19/02/20 20:27:00 INFO BlockManagerInfo: Removed broadcast_63_piece0 on

192.168.56.1:56546 in memory (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 1.0 in stage 98.0 (TID 317) in 15 ms on localhost (executor driver) (2/8)
19/02/20 20:27:00 INFO Executor: Finished task 5.0 in stage 98.0 (TID 320). 962 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 5.0 in stage 98.0 (TID 320) in 15 ms on localhost (executor driver) (3/8)
19/02/20 20:27:00 INFO Executor: Finished task 0.0 in stage 98.0 (TID 316). 962 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 0.0 in stage 98.0 (TID 316) in 15 ms on localhost (executor driver) (4/8)
19/02/20 20:27:00 INFO BlockManagerInfo: Removed broadcast_54_piece0 on 192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO Executor: Finished task 4.0 in stage 98.0 (TID 322). 1091 bytes result sent to driver
19/02/20 20:27:00 INFO BlockManagerInfo: Removed broadcast_55_piece0 on 192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 4.0 in stage 98.0 (TID 322) in 15 ms on localhost (executor driver) (5/8)
19/02/20 20:27:00 INFO BlockManagerInfo: Removed broadcast_66_piece0 on 192.168.56.1:56546 in memory (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO Executor: Finished task 3.0 in stage 98.0 (TID 319). 1005 bytes result sent to driver
19/02/20 20:27:00 INFO ContextCleaner: Cleaned shuffle 20
19/02/20 20:27:00 INFO TaskSetManager: Finished task 3.0 in stage 98.0 (TID 319) in 31 ms on localhost (executor driver) (6/8)
19/02/20 20:27:00 INFO BlockManagerInfo: Removed broadcast_59_piece0 on 192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO BlockManagerInfo: Removed broadcast_58_piece0 on 192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO Executor: Finished task 7.0 in stage 98.0 (TID 321). 962 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 7.0 in stage 98.0 (TID 321) in 31 ms on localhost (executor driver) (7/8)
19/02/20 20:27:00 INFO Executor: Finished task 6.0 in stage 98.0 (TID 323). 1134 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 6.0 in stage 98.0 (TID 323) in 31 ms on localhost (executor driver) (8/8)
19/02/20 20:27:00 INFO TaskSchedulerImpl: Removed TaskSet 98.0, whose tasks have all completed, from pool
19/02/20 20:27:00 INFO DAGScheduler: ShuffleMapStage 98 (mapToPair at MaximumProfitStock.java:75) finished in 0.031 s
19/02/20 20:27:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:27:00 INFO DAGScheduler: running: Set()
19/02/20 20:27:00 INFO DAGScheduler: waiting: Set(ResultStage 99)
19/02/20 20:27:00 INFO DAGScheduler: failed: Set()
19/02/20 20:27:00 INFO DAGScheduler: Submitting ResultStage 99 (MapPartitionsRDD[277] at sortByKey at MaximumProfitStock.java:141), which has no missing parents
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_70 stored as values in memory (estimated size 5.6 KB, free 2.2 GB)
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_70_piece0 stored as bytes in memory (estimated size 3.0 KB, free 2.2 GB)
19/02/20 20:27:00 INFO BlockManagerInfo: Added broadcast_70_piece0 in memory on 192.168.56.1:56546 (size: 3.0 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO SparkContext: Created broadcast 70 from broadcast at DAGScheduler.scala:1006
19/02/20 20:27:00 INFO DAGScheduler: Submitting 8 missing tasks from ResultStage 99 (MapPartitionsRDD[277] at sortByKey at MaximumProfitStock.java:141) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7))
19/02/20 20:27:00 INFO TaskSchedulerImpl: Adding task set 99.0 with 8 tasks
19/02/20 20:27:00 INFO TaskSetManager: Starting task 0.0 in stage 99.0 (TID 324, localhost, executor driver, partition 0, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 1.0 in stage 99.0 (TID 325,

localhost, executor driver, partition 1, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 2.0 in stage 99.0 (TID 326, localhost, executor driver, partition 2, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 3.0 in stage 99.0 (TID 327, localhost, executor driver, partition 3, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 4.0 in stage 99.0 (TID 328, localhost, executor driver, partition 4, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 5.0 in stage 99.0 (TID 329, localhost, executor driver, partition 5, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 6.0 in stage 99.0 (TID 330, localhost, executor driver, partition 6, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 7.0 in stage 99.0 (TID 331, localhost, executor driver, partition 7, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:27:00 INFO Executor: Running task 2.0 in stage 99.0 (TID 326)
19/02/20 20:27:00 INFO Executor: Running task 6.0 in stage 99.0 (TID 330)
19/02/20 20:27:00 INFO Executor: Running task 5.0 in stage 99.0 (TID 329)
19/02/20 20:27:00 INFO Executor: Running task 4.0 in stage 99.0 (TID 328)
19/02/20 20:27:00 INFO Executor: Running task 1.0 in stage 99.0 (TID 325)
19/02/20 20:27:00 INFO Executor: Running task 0.0 in stage 99.0 (TID 324)
19/02/20 20:27:00 INFO Executor: Running task 7.0 in stage 99.0 (TID 331)
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO Executor: Running task 3.0 in stage 99.0 (TID 327)
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO Executor: Finished task 2.0 in stage 99.0 (TID 326). 997 bytes result sent to driver
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 16 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks

out of 8 blocks
19/02/20 20:27:00 INFO Executor: Finished task 5.0 in stage 99.0 (TID 329). 997 bytes result sent to driver
19/02/20 20:27:00 INFO Executor: Finished task 4.0 in stage 99.0 (TID 328). 1024 bytes result sent to driver
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO TaskSetManager: Finished task 2.0 in stage 99.0 (TID 326) in 16 ms on localhost (executor driver) (1/8)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 5.0 in stage 99.0 (TID 329) in 16 ms on localhost (executor driver) (2/8)
19/02/20 20:27:00 INFO Executor: Finished task 7.0 in stage 99.0 (TID 331). 997 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 4.0 in stage 99.0 (TID 328) in 16 ms on localhost (executor driver) (3/8)
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO TaskSetManager: Finished task 7.0 in stage 99.0 (TID 331) in 16 ms on localhost (executor driver) (4/8)
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO Executor: Finished task 0.0 in stage 99.0 (TID 324). 954 bytes result sent to driver
19/02/20 20:27:00 INFO Executor: Finished task 1.0 in stage 99.0 (TID 325). 954 bytes result sent to driver
19/02/20 20:27:00 INFO Executor: Finished task 3.0 in stage 99.0 (TID 327). 954 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 0.0 in stage 99.0 (TID 324) in 16 ms on localhost (executor driver) (5/8)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 1.0 in stage 99.0 (TID 325) in 16 ms on localhost (executor driver) (6/8)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 3.0 in stage 99.0 (TID 327) in 16 ms on localhost (executor driver) (7/8)
19/02/20 20:27:00 INFO Executor: Finished task 6.0 in stage 99.0 (TID 330). 963 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 6.0 in stage 99.0 (TID 330) in 16 ms on localhost (executor driver) (8/8)
19/02/20 20:27:00 INFO TaskSchedulerImpl: Removed TaskSet 99.0, whose tasks have all completed, from pool
19/02/20 20:27:00 INFO DAGScheduler: ResultStage 99 (sortByKey at MaximumProfitStock.java:141) finished in 0.016 s
19/02/20 20:27:00 INFO DAGScheduler: Job 26 finished: sortByKey at MaximumProfitStock.java:141, took 0.148937 s
19/02/20 20:27:00 INFO MappedDStream: Slicing from 1550674080000 ms to 1550674620000 ms (aligned to 1550674080000 ms and 1550674620000 ms)
19/02/20 20:27:00 INFO TransformedDStream: Time 1550674620000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 900000 ms

19/02/20 20:27:00 INFO JobScheduler: Added jobs for time 1550674620000 ms
19/02/20 20:27:00 INFO JobScheduler: Starting job streaming job 1550674620000 ms.0 from job set of time 1550674620000 ms
19/02/20 20:27:00 INFO SparkContext: Starting job: saveAsTextFile at SimpleMovingAvgClosingPrice.java:59
19/02/20 20:27:00 INFO DAGScheduler: Registering RDD 262 (mapToPair at SimpleMovingAvgClosingPrice.java:30)
19/02/20 20:27:00 INFO DAGScheduler: Got job 27 (saveAsTextFile at SimpleMovingAvgClosingPrice.java:59) with 1 output partitions
19/02/20 20:27:00 INFO DAGScheduler: Final stage: ResultStage 101 (saveAsTextFile at SimpleMovingAvgClosingPrice.java:59)
19/02/20 20:27:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 100)
19/02/20 20:27:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 100)
19/02/20 20:27:00 INFO DAGScheduler: Submitting ShuffleMapStage 100 (MapPartitionsRDD[262] at mapToPair at SimpleMovingAvgClosingPrice.java:30), which has no missing parents
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_71 stored as values in memory (estimated size 10.0 KB, free 2.2 GB)
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_71_piece0 stored as bytes in memory (estimated size 4.8 KB, free 2.2 GB)
19/02/20 20:27:00 INFO BlockManagerInfo: Added broadcast_71_piece0 in memory on 192.168.56.1:56546 (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO SparkContext: Created broadcast 71 from broadcast at DAGScheduler.scala:1006
19/02/20 20:27:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 100 (MapPartitionsRDD[262] at mapToPair at SimpleMovingAvgClosingPrice.java:30) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:27:00 INFO TaskSchedulerImpl: Adding task set 100.0 with 11 tasks
19/02/20 20:27:00 INFO TaskSetManager: Starting task 0.0 in stage 100.0 (TID 332, localhost, executor driver, partition 0, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 1.0 in stage 100.0 (TID 333, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 2.0 in stage 100.0 (TID 334, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 3.0 in stage 100.0 (TID 335, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 4.0 in stage 100.0 (TID 336, localhost, executor driver, partition 4, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 5.0 in stage 100.0 (TID 337, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 6.0 in stage 100.0 (TID 338, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 7.0 in stage 100.0 (TID 339, localhost, executor driver, partition 7, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:27:00 INFO Executor: Running task 4.0 in stage 100.0 (TID 336)
19/02/20 20:27:00 INFO Executor: Running task 2.0 in stage 100.0 (TID 334)
19/02/20 20:27:00 INFO Executor: Running task 1.0 in stage 100.0 (TID 333)
19/02/20 20:27:00 INFO Executor: Running task 3.0 in stage 100.0 (TID 335)
19/02/20 20:27:00 INFO Executor: Running task 0.0 in stage 100.0 (TID 332)
19/02/20 20:27:00 INFO Executor: Running task 5.0 in stage 100.0 (TID 337)
19/02/20 20:27:00 INFO Executor: Running task 7.0 in stage 100.0 (TID 339)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_108_0 locally
19/02/20 20:27:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:27:00 INFO BlockManager: Found block rdd_94_0 locally
19/02/20 20:27:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:27:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:27:00 INFO Executor: Running task 6.0 in stage 100.0 (TID 338)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_94_1 locally
19/02/20 20:27:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:27:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:27:00 INFO Executor: Finished task 2.0 in stage 100.0 (TID 334). 876 bytes result sent to driver

19/02/20 20:27:00 INFO TaskSetManager: Starting task 8.0 in stage 100.0 (TID 340, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO Executor: Running task 8.0 in stage 100.0 (TID 340)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 2.0 in stage 100.0 (TID 334) in 15 ms on localhost (executor driver) (1/11)
19/02/20 20:27:00 INFO Executor: Finished task 3.0 in stage 100.0 (TID 335). 962 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 9.0 in stage 100.0 (TID 341, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 3.0 in stage 100.0 (TID 335) in 15 ms on localhost (executor driver) (2/11)
19/02/20 20:27:00 INFO Executor: Running task 9.0 in stage 100.0 (TID 341)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:27:00 INFO Executor: Finished task 4.0 in stage 100.0 (TID 336). 919 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 10.0 in stage 100.0 (TID 342, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 4.0 in stage 100.0 (TID 336) in 15 ms on localhost (executor driver) (3/11)
19/02/20 20:27:00 INFO Executor: Running task 10.0 in stage 100.0 (TID 342)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:27:00 INFO Executor: Finished task 1.0 in stage 100.0 (TID 333). 919 bytes result sent to driver
19/02/20 20:27:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:27:00 INFO Executor: Finished task 7.0 in stage 100.0 (TID 339). 919 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 1.0 in stage 100.0 (TID 333) in 15 ms on localhost (executor driver) (4/11)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 7.0 in stage 100.0 (TID 339) in 15 ms on localhost (executor driver) (5/11)
19/02/20 20:27:00 INFO Executor: Finished task 8.0 in stage 100.0 (TID 340). 876 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 8.0 in stage 100.0 (TID 340) in 0 ms on localhost (executor driver) (6/11)
19/02/20 20:27:00 INFO Executor: Finished task 5.0 in stage 100.0 (TID 337). 919 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 5.0 in stage 100.0 (TID 337) in 15 ms on localhost (executor driver) (7/11)
19/02/20 20:27:00 INFO Executor: Finished task 0.0 in stage 100.0 (TID 332). 919 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 0.0 in stage 100.0 (TID 332) in 15 ms on localhost (executor driver) (8/11)
19/02/20 20:27:00 INFO Executor: Finished task 10.0 in stage 100.0 (TID 342). 876 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 10.0 in stage 100.0 (TID 342) in 0 ms on localhost (executor driver) (9/11)
19/02/20 20:27:00 INFO Executor: Finished task 9.0 in stage 100.0 (TID 341). 876 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 9.0 in stage 100.0 (TID 341) in 0 ms on localhost (executor driver) (10/11)
19/02/20 20:27:00 INFO Executor: Finished task 6.0 in stage 100.0 (TID 338). 919 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 6.0 in stage 100.0 (TID 338) in 15 ms on localhost (executor driver) (11/11)
19/02/20 20:27:00 INFO TaskSchedulerImpl: Removed TaskSet 100.0, whose tasks have all completed, from pool
19/02/20 20:27:00 INFO DAGScheduler: ShuffleMapStage 100 (mapToPair at SimpleMovingAvgClosingPrice.java:30) finished in 0.015 s
19/02/20 20:27:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:27:00 INFO DAGScheduler: running: Set()
19/02/20 20:27:00 INFO DAGScheduler: waiting: Set(ResultStage 101)
19/02/20 20:27:00 INFO DAGScheduler: failed: Set()
19/02/20 20:27:00 INFO DAGScheduler: Submitting ResultStage 101 (MapPartitionsRDD[291] at saveAsTextFile at

SimpleMovingAvgClosingPrice.java:59), which has no missing parents
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_72 stored as values in
memory (estimated size 51.7 KB, free 2.2 GB)
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_72_piece0 stored as bytes in
memory (estimated size 18.7 KB, free 2.2 GB)
19/02/20 20:27:00 INFO BlockManagerInfo: Added broadcast_72_piece0 in memory on
192.168.56.1:56546 (size: 18.7 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO SparkContext: Created broadcast 72 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:27:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage
101 (MapPartitionsRDD[291] at saveAsTextFile at
SimpleMovingAvgClosingPrice.java:59) (first 15 tasks are for partitions
Vector(0))
19/02/20 20:27:00 INFO TaskSchedulerImpl: Adding task set 101.0 with 1 tasks
19/02/20 20:27:00 INFO TaskSetManager: Starting task 0.0 in stage 101.0 (TID
343, localhost, executor driver, partition 0, ANY, 5023 bytes)
19/02/20 20:27:00 INFO Executor: Running task 0.0 in stage 101.0 (TID 343)
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks
out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks
out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO FileOutputCommitter: Saved output of task
'attempt_20190220202700_0101_m_000000_343' to
file:/C:/Users/Public/output/Analyses1_SMA_1550674620226/_temporary/0/task_20190
220202700_0101_m_000000
19/02/20 20:27:00 INFO SparkHadoopMapRedUtil:
attempt_20190220202700_0101_m_000000_343: Committed
19/02/20 20:27:00 INFO Executor: Finished task 0.0 in stage 101.0 (TID 343).
1053 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 0.0 in stage 101.0 (TID
343) in 129 ms on localhost (executor driver) (1/1)
19/02/20 20:27:00 INFO TaskSchedulerImpl: Removed TaskSet 101.0, whose tasks
have all completed, from pool
19/02/20 20:27:00 INFO DAGScheduler: ResultStage 101 (saveAsTextFile at
SimpleMovingAvgClosingPrice.java:59) finished in 0.129 s
19/02/20 20:27:00 INFO DAGScheduler: Job 27 finished: saveAsTextFile at

SimpleMovingAvgClosingPrice.java:59, took 0.161467 s
19/02/20 20:27:00 INFO JobScheduler: Finished job streaming job 1550674620000 ms.0 from job set of time 1550674620000 ms
19/02/20 20:27:00 INFO JobScheduler: Starting job streaming job 1550674620000 ms.1 from job set of time 1550674620000 ms
19/02/20 20:27:00 INFO SparkContext: Starting job: print at SimpleMovingAvgClosingPrice.java:61
19/02/20 20:27:00 INFO DAGScheduler: Got job 28 (print at SimpleMovingAvgClosingPrice.java:61) with 1 output partitions
19/02/20 20:27:00 INFO DAGScheduler: Final stage: ResultStage 102 (print at SimpleMovingAvgClosingPrice.java:61)
19/02/20 20:27:00 INFO DAGScheduler: Parents of final stage: List()
19/02/20 20:27:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:27:00 INFO DAGScheduler: Submitting ResultStage 102 (MapPartitionsRDD[261] at flatMap at SparkAnalysesDriver.java:62), which has no missing parents
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_73 stored as values in memory (estimated size 8.0 KB, free 2.2 GB)
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_73_piece0 stored as bytes in memory (estimated size 3.8 KB, free 2.2 GB)
19/02/20 20:27:00 INFO BlockManagerInfo: Added broadcast_73_piece0 in memory on 192.168.56.1:56546 (size: 3.8 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO SparkContext: Created broadcast 73 from broadcast at DAGScheduler.scala:1006
19/02/20 20:27:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 102 (MapPartitionsRDD[261] at flatMap at SparkAnalysesDriver.java:62) (first 15 tasks are for partitions Vector(0))
19/02/20 20:27:00 INFO TaskSchedulerImpl: Adding task set 102.0 with 1 tasks
19/02/20 20:27:00 INFO TaskSetManager: Starting task 0.0 in stage 102.0 (TID 344, localhost, executor driver, partition 0, PROCESS_LOCAL, 5047 bytes)
19/02/20 20:27:00 INFO Executor: Running task 0.0 in stage 102.0 (TID 344)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_94_0 locally
19/02/20 20:27:00 INFO Executor: Finished task 0.0 in stage 102.0 (TID 344). 875 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 0.0 in stage 102.0 (TID 344) in 0 ms on localhost (executor driver) (1/1)
19/02/20 20:27:00 INFO TaskSchedulerImpl: Removed TaskSet 102.0, whose tasks have all completed, from pool
19/02/20 20:27:00 INFO DAGScheduler: ResultStage 102 (print at SimpleMovingAvgClosingPrice.java:61) finished in 0.000 s
19/02/20 20:27:00 INFO DAGScheduler: Job 28 finished: print at SimpleMovingAvgClosingPrice.java:61, took 0.007565 s
19/02/20 20:27:00 INFO SparkContext: Starting job: print at SimpleMovingAvgClosingPrice.java:61
19/02/20 20:27:00 INFO DAGScheduler: Got job 29 (print at SimpleMovingAvgClosingPrice.java:61) with 3 output partitions
19/02/20 20:27:00 INFO DAGScheduler: Final stage: ResultStage 103 (print at SimpleMovingAvgClosingPrice.java:61)
19/02/20 20:27:00 INFO DAGScheduler: Parents of final stage: List()
19/02/20 20:27:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:27:00 INFO DAGScheduler: Submitting ResultStage 103 (MapPartitionsRDD[261] at flatMap at SparkAnalysesDriver.java:62), which has no missing parents
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_74 stored as values in memory (estimated size 8.0 KB, free 2.2 GB)
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_74_piece0 stored as bytes in memory (estimated size 3.8 KB, free 2.2 GB)
19/02/20 20:27:00 INFO BlockManagerInfo: Added broadcast_74_piece0 in memory on 192.168.56.1:56546 (size: 3.8 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO SparkContext: Created broadcast 74 from broadcast at DAGScheduler.scala:1006
19/02/20 20:27:00 INFO DAGScheduler: Submitting 3 missing tasks from ResultStage 103 (MapPartitionsRDD[261] at flatMap at SparkAnalysesDriver.java:62) (first 15 tasks are for partitions Vector(1, 2, 3))

19/02/20 20:27:00 INFO TaskSchedulerImpl: Adding task set 103.0 with 3 tasks
19/02/20 20:27:00 INFO TaskSetManager: Starting task 0.0 in stage 103.0 (TID 345, localhost, executor driver, partition 1, PROCESS_LOCAL, 5048 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 1.0 in stage 103.0 (TID 346, localhost, executor driver, partition 2, PROCESS_LOCAL, 5048 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 2.0 in stage 103.0 (TID 347, localhost, executor driver, partition 3, PROCESS_LOCAL, 5048 bytes)
19/02/20 20:27:00 INFO Executor: Running task 1.0 in stage 103.0 (TID 346)
19/02/20 20:27:00 INFO Executor: Running task 0.0 in stage 103.0 (TID 345)
19/02/20 20:27:00 INFO Executor: Running task 2.0 in stage 103.0 (TID 347)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_94_1 locally
19/02/20 20:27:00 INFO BlockManager: Found block rdd_108_0 locally
19/02/20 20:27:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:27:00 INFO Executor: Finished task 2.0 in stage 103.0 (TID 347). 1004 bytes result sent to driver
19/02/20 20:27:00 INFO Executor: Finished task 1.0 in stage 103.0 (TID 346). 1004 bytes result sent to driver
19/02/20 20:27:00 INFO Executor: Finished task 0.0 in stage 103.0 (TID 345). 1004 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 2.0 in stage 103.0 (TID 347) in 2 ms on localhost (executor driver) (1/3)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 0.0 in stage 103.0 (TID 345) in 3 ms on localhost (executor driver) (2/3)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 1.0 in stage 103.0 (TID 346) in 3 ms on localhost (executor driver) (3/3)
19/02/20 20:27:00 INFO TaskSchedulerImpl: Removed TaskSet 103.0, whose tasks have all completed, from pool
19/02/20 20:27:00 INFO DAGScheduler: ResultStage 103 (print at SimpleMovingAvgClosingPrice.java:61) finished in 0.003 s
19/02/20 20:27:00 INFO DAGScheduler: Job 29 finished: print at SimpleMovingAvgClosingPrice.java:61, took 0.007326 s
19/02/20 20:27:00 INFO JobScheduler: Finished job streaming job 1550674620000 ms.1 from job set of time 1550674620000 ms
19/02/20 20:27:00 INFO JobScheduler: Starting job streaming job 1550674620000 ms.2 from job set of time 1550674620000 ms
19/02/20 20:27:00 INFO SparkContext: Starting job: isEmpty at MaximumProfitStock.java:152
19/02/20 20:27:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 26 is 164 bytes
19/02/20 20:27:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 27 is 164 bytes
19/02/20 20:27:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 24 is 165 bytes
19/02/20 20:27:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 25 is 165 bytes
19/02/20 20:27:00 INFO DAGScheduler: Registering RDD 275 (mapToPair at MaximumProfitStock.java:140)
19/02/20 20:27:00 INFO DAGScheduler: Got job 30 (isEmpty at MaximumProfitStock.java:152) with 1 output partitions
19/02/20 20:27:00 INFO DAGScheduler: Final stage: ResultStage 109 (isEmpty at MaximumProfitStock.java:152)
19/02/20 20:27:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 108)
19/02/20 20:27:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 108)
19/02/20 20:27:00 INFO DAGScheduler: Submitting ShuffleMapStage 108 (MapPartitionsRDD[275] at mapToPair at MaximumProfitStock.java:140), which has no missing parents
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_75 stored as values in memory (estimated size 5.7 KB, free 2.2 GB)
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_75_piece0 stored as bytes in memory (estimated size 3.2 KB, free 2.2 GB)
19/02/20 20:27:00 INFO BlockManagerInfo: Added broadcast_75_piece0 in memory on 192.168.56.1:56546 (size: 3.2 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO SparkContext: Created broadcast 75 from broadcast at

DAGScheduler.scala:1006

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19/02/20 20:27:00 INFO DAGScheduler: Submitting 8 missing tasks from
ShuffleMapStage 108 (MapPartitionsRDD[275] at mapToPair at
MaximumProfitStock.java:140) (first 15 tasks are for partitions Vector(0, 1, 2,
3, 4, 5, 6, 7))
19/02/20 20:27:00 INFO TaskSchedulerImpl: Adding task set 108.0 with 8 tasks
19/02/20 20:27:00 INFO TaskSetManager: Starting task 0.0 in stage 108.0 (TID
348, localhost, executor driver, partition 0, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 1.0 in stage 108.0 (TID
349, localhost, executor driver, partition 1, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 2.0 in stage 108.0 (TID
350, localhost, executor driver, partition 2, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 3.0 in stage 108.0 (TID
351, localhost, executor driver, partition 3, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 4.0 in stage 108.0 (TID
352, localhost, executor driver, partition 4, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 5.0 in stage 108.0 (TID
353, localhost, executor driver, partition 5, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 6.0 in stage 108.0 (TID
354, localhost, executor driver, partition 6, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 7.0 in stage 108.0 (TID
355, localhost, executor driver, partition 7, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:27:00 INFO Executor: Running task 5.0 in stage 108.0 (TID 353)
19/02/20 20:27:00 INFO Executor: Running task 6.0 in stage 108.0 (TID 354)
19/02/20 20:27:00 INFO Executor: Running task 1.0 in stage 108.0 (TID 349)
19/02/20 20:27:00 INFO Executor: Running task 2.0 in stage 108.0 (TID 350)
19/02/20 20:27:00 INFO Executor: Running task 0.0 in stage 108.0 (TID 348)
19/02/20 20:27:00 INFO Executor: Running task 4.0 in stage 108.0 (TID 352)
19/02/20 20:27:00 INFO Executor: Running task 3.0 in stage 108.0 (TID 351)
19/02/20 20:27:00 INFO Executor: Running task 7.0 in stage 108.0 (TID 355)
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
1 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
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19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO Executor: Finished task 2.0 in stage 108.0 (TID 350). 1045 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 2.0 in stage 108.0 (TID 350) in 10 ms on localhost (executor driver) (1/8)
19/02/20 20:27:00 INFO Executor: Finished task 1.0 in stage 108.0 (TID 349). 1045 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 1.0 in stage 108.0 (TID 349) in 11 ms on localhost (executor driver) (2/8)
19/02/20 20:27:00 INFO Executor: Finished task 5.0 in stage 108.0 (TID 353). 1045 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 5.0 in stage 108.0 (TID 353) in 11 ms on localhost (executor driver) (3/8)
19/02/20 20:27:00 INFO Executor: Finished task 0.0 in stage 108.0 (TID 348). 1002 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 0.0 in stage 108.0 (TID 348) in 12 ms on localhost (executor driver) (4/8)
19/02/20 20:27:00 INFO Executor: Finished task 7.0 in stage 108.0 (TID 355). 1045 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 7.0 in stage 108.0 (TID 355) in 12 ms on localhost (executor driver) (5/8)
19/02/20 20:27:00 INFO Executor: Finished task 3.0 in stage 108.0 (TID 351). 1002 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 3.0 in stage 108.0 (TID 351) in 14 ms on localhost (executor driver) (6/8)
19/02/20 20:27:00 INFO Executor: Finished task 6.0 in stage 108.0 (TID 354). 1174 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 6.0 in stage 108.0 (TID 354) in 14 ms on localhost (executor driver) (7/8)
19/02/20 20:27:00 INFO Executor: Finished task 4.0 in stage 108.0 (TID 352). 1174 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 4.0 in stage 108.0 (TID 352) in 17 ms on localhost (executor driver) (8/8)
19/02/20 20:27:00 INFO TaskSchedulerImpl: Removed TaskSet 108.0, whose tasks have all completed, from pool

19/02/20 20:27:00 INFO DAGScheduler: ShuffleMapStage 108 (mapToPair at MaximumProfitStock.java:140) finished in 0.019 s
19/02/20 20:27:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:27:00 INFO DAGScheduler: running: Set()
19/02/20 20:27:00 INFO DAGScheduler: waiting: Set(ResultStage 109)
19/02/20 20:27:00 INFO DAGScheduler: failed: Set()
19/02/20 20:27:00 INFO DAGScheduler: Submitting ResultStage 109
(ShuffledRDD[278] at sortByKey at MaximumProfitStock.java:141), which has no missing parents
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_76 stored as values in memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_76_piece0 stored as bytes in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:27:00 INFO BlockManagerInfo: Added broadcast_76_piece0 in memory on 192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO SparkContext: Created broadcast 76 from broadcast at DAGScheduler.scala:1006
19/02/20 20:27:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 109 (ShuffledRDD[278] at sortByKey at MaximumProfitStock.java:141) (first 15 tasks are for partitions Vector(0))
19/02/20 20:27:00 INFO TaskSchedulerImpl: Adding task set 109.0 with 1 tasks
19/02/20 20:27:00 INFO TaskSetManager: Starting task 0.0 in stage 109.0 (TID 356, localhost, executor driver, partition 0, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:27:00 INFO Executor: Running task 0.0 in stage 109.0 (TID 356)
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO Executor: Finished task 0.0 in stage 109.0 (TID 356). 882 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 0.0 in stage 109.0 (TID 356) in 0 ms on localhost (executor driver) (1/1)
19/02/20 20:27:00 INFO TaskSchedulerImpl: Removed TaskSet 109.0, whose tasks have all completed, from pool
19/02/20 20:27:00 INFO DAGScheduler: ResultStage 109 (isEmpty at MaximumProfitStock.java:152) finished in 0.000 s
19/02/20 20:27:00 INFO DAGScheduler: Job 30 finished: isEmpty at MaximumProfitStock.java:152, took 0.030124 s
19/02/20 20:27:00 INFO SparkContext: Starting job: isEmpty at MaximumProfitStock.java:152
19/02/20 20:27:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 26 is 164 bytes
19/02/20 20:27:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 27 is 164 bytes
19/02/20 20:27:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 24 is 165 bytes
19/02/20 20:27:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 25 is 165 bytes
19/02/20 20:27:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 29 is 169 bytes
19/02/20 20:27:00 INFO DAGScheduler: Got job 31 (isEmpty at MaximumProfitStock.java:152) with 4 output partitions
19/02/20 20:27:00 INFO DAGScheduler: Final stage: ResultStage 115 (isEmpty at MaximumProfitStock.java:152)
19/02/20 20:27:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 114)
19/02/20 20:27:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:27:00 INFO DAGScheduler: Submitting ResultStage 115
(ShuffledRDD[278] at sortByKey at MaximumProfitStock.java:141), which has no missing parents
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_77 stored as values in memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_77_piece0 stored as bytes in memory (estimated size 2.3 KB, free 2.2 GB)

19/02/20 20:27:00 INFO BlockManagerInfo: Added broadcast_77_piece0 in memory on 192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO SparkContext: Created broadcast 77 from broadcast at DAGScheduler.scala:1006
19/02/20 20:27:00 INFO DAGScheduler: Submitting 4 missing tasks from ResultStage 115 (ShuffledRDD[278] at sortByKey at MaximumProfitStock.java:141) (first 15 tasks are for partitions Vector(1, 2, 3, 4))
19/02/20 20:27:00 INFO TaskSchedulerImpl: Adding task set 115.0 with 4 tasks
19/02/20 20:27:00 INFO TaskSetManager: Starting task 0.0 in stage 115.0 (TID 357, localhost, executor driver, partition 1, ANY, 4621 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 1.0 in stage 115.0 (TID 358, localhost, executor driver, partition 2, ANY, 4621 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 2.0 in stage 115.0 (TID 359, localhost, executor driver, partition 3, ANY, 4621 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 3.0 in stage 115.0 (TID 360, localhost, executor driver, partition 4, ANY, 4621 bytes)
19/02/20 20:27:00 INFO Executor: Running task 0.0 in stage 115.0 (TID 357)
19/02/20 20:27:00 INFO Executor: Running task 2.0 in stage 115.0 (TID 359)
19/02/20 20:27:00 INFO Executor: Running task 3.0 in stage 115.0 (TID 360)
19/02/20 20:27:00 INFO Executor: Running task 1.0 in stage 115.0 (TID 358)
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO Executor: Finished task 1.0 in stage 115.0 (TID 358). 985 bytes result sent to driver
19/02/20 20:27:00 INFO Executor: Finished task 0.0 in stage 115.0 (TID 357). 986 bytes result sent to driver
19/02/20 20:27:00 INFO Executor: Finished task 3.0 in stage 115.0 (TID 360). 983 bytes result sent to driver
19/02/20 20:27:00 INFO Executor: Finished task 2.0 in stage 115.0 (TID 359). 985 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 1.0 in stage 115.0 (TID 358) in 15 ms on localhost (executor driver) (1/4)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 3.0 in stage 115.0 (TID 360) in 15 ms on localhost (executor driver) (2/4)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 0.0 in stage 115.0 (TID 357) in 15 ms on localhost (executor driver) (3/4)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 2.0 in stage 115.0 (TID 359) in 15 ms on localhost (executor driver) (4/4)
19/02/20 20:27:00 INFO TaskSchedulerImpl: Removed TaskSet 115.0, whose tasks have all completed, from pool
19/02/20 20:27:00 INFO DAGScheduler: ResultStage 115 (isEmpty at MaximumProfitStock.java:152) finished in 0.015 s
19/02/20 20:27:00 INFO DAGScheduler: Job 31 finished: isEmpty at MaximumProfitStock.java:152, took 0.011934 s
19/02/20 20:27:00 INFO SparkContext: Starting job: take at MaximumProfitStock.java:156
19/02/20 20:27:00 INFO DAGScheduler: Got job 32 (take at MaximumProfitStock.java:156) with 1 output partitions
19/02/20 20:27:00 INFO DAGScheduler: Final stage: ResultStage 121 (take at MaximumProfitStock.java:156)

19/02/20 20:27:00 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 120)
19/02/20 20:27:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:27:00 INFO DAGScheduler: Submitting ResultStage 121
(ShuffledRDD[278] at sortByKey at MaximumProfitStock.java:141), which has no
missing parents
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_78 stored as values in
memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_78_piece0 stored as bytes in
memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:27:00 INFO BlockManagerInfo: Added broadcast_78_piece0 in memory on
192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO SparkContext: Created broadcast 78 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:27:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage
121 (ShuffledRDD[278] at sortByKey at MaximumProfitStock.java:141) (first 15
tasks are for partitions Vector(0))
19/02/20 20:27:00 INFO TaskSchedulerImpl: Adding task set 121.0 with 1 tasks
19/02/20 20:27:00 INFO TaskSetManager: Starting task 0.0 in stage 121.0 (TID
361, localhost, executor driver, partition 0, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:27:00 INFO Executor: Running task 0.0 in stage 121.0 (TID 361)
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:27:00 INFO Executor: Finished task 0.0 in stage 121.0 (TID 361). 968
bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 0.0 in stage 121.0 (TID
361) in 16 ms on localhost (executor driver) (1/1)
19/02/20 20:27:00 INFO TaskSchedulerImpl: Removed TaskSet 121.0, whose tasks
have all completed, from pool
19/02/20 20:27:00 INFO DAGScheduler: ResultStage 121 (take at
MaximumProfitStock.java:156) finished in 0.016 s
19/02/20 20:27:00 INFO DAGScheduler: Job 32 finished: take at
MaximumProfitStock.java:156, took 0.010622 s
19/02/20 20:27:00 INFO SparkContext: Starting job: take at
MaximumProfitStock.java:156
19/02/20 20:27:00 INFO DAGScheduler: Got job 33 (take at
MaximumProfitStock.java:156) with 4 output partitions
19/02/20 20:27:00 INFO DAGScheduler: Final stage: ResultStage 127 (take at
MaximumProfitStock.java:156)
19/02/20 20:27:00 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 126)
19/02/20 20:27:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:27:00 INFO DAGScheduler: Submitting ResultStage 127
(ShuffledRDD[278] at sortByKey at MaximumProfitStock.java:141), which has no
missing parents
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_79 stored as values in
memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_79_piece0 stored as bytes in
memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:27:00 INFO BlockManagerInfo: Added broadcast_79_piece0 in memory on
192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO SparkContext: Created broadcast 79 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:27:00 INFO DAGScheduler: Submitting 4 missing tasks from ResultStage
127 (ShuffledRDD[278] at sortByKey at MaximumProfitStock.java:141) (first 15
tasks are for partitions Vector(1, 2, 3, 4))
19/02/20 20:27:00 INFO TaskSchedulerImpl: Adding task set 127.0 with 4 tasks
19/02/20 20:27:00 INFO TaskSetManager: Starting task 0.0 in stage 127.0 (TID
362, localhost, executor driver, partition 1, ANY, 4621 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 1.0 in stage 127.0 (TID
363, localhost, executor driver, partition 2, ANY, 4621 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 2.0 in stage 127.0 (TID

364, localhost, executor driver, partition 3, ANY, 4621 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 3.0 in stage 127.0 (TID 365, localhost, executor driver, partition 4, ANY, 4621 bytes)
19/02/20 20:27:00 INFO Executor: Running task 0.0 in stage 127.0 (TID 362)
19/02/20 20:27:00 INFO Executor: Running task 3.0 in stage 127.0 (TID 365)
19/02/20 20:27:00 INFO Executor: Running task 2.0 in stage 127.0 (TID 364)
19/02/20 20:27:00 INFO Executor: Running task 1.0 in stage 127.0 (TID 363)
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO Executor: Finished task 1.0 in stage 127.0 (TID 363). 899 bytes result sent to driver
19/02/20 20:27:00 INFO Executor: Finished task 3.0 in stage 127.0 (TID 365). 897 bytes result sent to driver
19/02/20 20:27:00 INFO Executor: Finished task 0.0 in stage 127.0 (TID 362). 900 bytes result sent to driver
19/02/20 20:27:00 INFO Executor: Finished task 2.0 in stage 127.0 (TID 364). 899 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 1.0 in stage 127.0 (TID 363) in 15 ms on localhost (executor driver) (1/4)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 3.0 in stage 127.0 (TID 365) in 15 ms on localhost (executor driver) (2/4)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 0.0 in stage 127.0 (TID 362) in 15 ms on localhost (executor driver) (3/4)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 2.0 in stage 127.0 (TID 364) in 15 ms on localhost (executor driver) (4/4)
19/02/20 20:27:00 INFO TaskSchedulerImpl: Removed TaskSet 127.0, whose tasks have all completed, from pool
19/02/20 20:27:00 INFO DAGScheduler: ResultStage 127 (take at MaximumProfitStock.java:156) finished in 0.015 s
19/02/20 20:27:00 INFO DAGScheduler: Job 33 finished: take at MaximumProfitStock.java:156, took 0.010508 s
19/02/20 20:27:00 INFO JobScheduler: Finished job streaming job 1550674620000 ms.2 from job set of time 1550674620000 ms
19/02/20 20:27:00 INFO JobScheduler: Starting job streaming job 1550674620000 ms.3 from job set of time 1550674620000 ms
19/02/20 20:27:00 INFO SparkContext: Starting job: saveAsTextFile at RelativeStrengthIndex.java:125
19/02/20 20:27:00 INFO DAGScheduler: Registering RDD 284 (filter at RelativeStrengthIndex.java:61)
19/02/20 20:27:00 INFO DAGScheduler: Registering RDD 282 (filter at RelativeStrengthIndex.java:54)
19/02/20 20:27:00 INFO DAGScheduler: Got job 34 (saveAsTextFile at RelativeStrengthIndex.java:125) with 1 output partitions
19/02/20 20:27:00 INFO DAGScheduler: Final stage: ResultStage 130 (saveAsTextFile at RelativeStrengthIndex.java:125)
19/02/20 20:27:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 129, ShuffleMapStage 128)
19/02/20 20:27:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 129, ShuffleMapStage 128)
19/02/20 20:27:00 INFO DAGScheduler: Submitting ShuffleMapStage 128

(MapPartitionsRDD[284] at filter at RelativeStrengthIndex.java:61), which has no missing parents
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_80 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_80_piece0 stored as bytes in memory (estimated size 5.1 KB, free 2.2 GB)
19/02/20 20:27:00 INFO BlockManagerInfo: Added broadcast_80_piece0 in memory on 192.168.56.1:56546 (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO SparkContext: Created broadcast 80 from broadcast at DAGScheduler.scala:1006
19/02/20 20:27:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 128 (MapPartitionsRDD[284] at filter at RelativeStrengthIndex.java:61) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:27:00 INFO TaskSchedulerImpl: Adding task set 128.0 with 11 tasks
19/02/20 20:27:00 INFO DAGScheduler: Submitting ShuffleMapStage 129 (MapPartitionsRDD[282] at filter at RelativeStrengthIndex.java:54), which has no missing parents
19/02/20 20:27:00 INFO TaskSetManager: Starting task 0.0 in stage 128.0 (TID 366, localhost, executor driver, partition 0, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 1.0 in stage 128.0 (TID 367, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 2.0 in stage 128.0 (TID 368, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 3.0 in stage 128.0 (TID 369, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 4.0 in stage 128.0 (TID 370, localhost, executor driver, partition 4, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 5.0 in stage 128.0 (TID 371, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 6.0 in stage 128.0 (TID 372, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 7.0 in stage 128.0 (TID 373, localhost, executor driver, partition 7, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:27:00 INFO Executor: Running task 0.0 in stage 128.0 (TID 366)
19/02/20 20:27:00 INFO Executor: Running task 3.0 in stage 128.0 (TID 369)
19/02/20 20:27:00 INFO Executor: Running task 4.0 in stage 128.0 (TID 370)
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_81 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:27:00 INFO Executor: Running task 5.0 in stage 128.0 (TID 371)
19/02/20 20:27:00 INFO Executor: Running task 6.0 in stage 128.0 (TID 372)
19/02/20 20:27:00 INFO Executor: Running task 2.0 in stage 128.0 (TID 368)
19/02/20 20:27:00 INFO Executor: Running task 1.0 in stage 128.0 (TID 367)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:27:00 INFO BlockManager: Found block rdd_94_1 locally
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_81_piece0 stored as bytes in memory (estimated size 5.1 KB, free 2.2 GB)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:27:00 INFO Executor: Running task 7.0 in stage 128.0 (TID 373)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:27:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:27:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:27:00 INFO BlockManagerInfo: Added broadcast_81_piece0 in memory on 192.168.56.1:56546 (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO SparkContext: Created broadcast 81 from broadcast at DAGScheduler.scala:1006
19/02/20 20:27:00 INFO BlockManager: Found block rdd_108_0 locally
19/02/20 20:27:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 129 (MapPartitionsRDD[282] at filter at RelativeStrengthIndex.java:54) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:27:00 INFO TaskSchedulerImpl: Adding task set 129.0 with 11 tasks
19/02/20 20:27:00 INFO BlockManager: Found block rdd_94_0 locally
19/02/20 20:27:00 INFO Executor: Finished task 5.0 in stage 128.0 (TID 371). 876

bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 8.0 in stage 128.0 (TID 374, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO Executor: Running task 8.0 in stage 128.0 (TID 374)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 5.0 in stage 128.0 (TID 371) in 0 ms on localhost (executor driver) (1/11)
19/02/20 20:27:00 INFO Executor: Finished task 2.0 in stage 128.0 (TID 368). 876 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 9.0 in stage 128.0 (TID 375, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO Executor: Running task 9.0 in stage 128.0 (TID 375)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 2.0 in stage 128.0 (TID 368) in 16 ms on localhost (executor driver) (2/11)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:27:00 INFO Executor: Finished task 7.0 in stage 128.0 (TID 373). 962 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 10.0 in stage 128.0 (TID 376, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO Executor: Running task 10.0 in stage 128.0 (TID 376)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 7.0 in stage 128.0 (TID 373) in 16 ms on localhost (executor driver) (3/11)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:27:00 INFO Executor: Finished task 4.0 in stage 128.0 (TID 370). 919 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 0.0 in stage 129.0 (TID 377, localhost, executor driver, partition 0, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 4.0 in stage 128.0 (TID 370) in 16 ms on localhost (executor driver) (4/11)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:27:00 INFO Executor: Running task 0.0 in stage 129.0 (TID 377)
19/02/20 20:27:00 INFO Executor: Finished task 1.0 in stage 128.0 (TID 367). 919 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 1.0 in stage 129.0 (TID 378, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO Executor: Running task 1.0 in stage 129.0 (TID 378)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 1.0 in stage 128.0 (TID 367) in 16 ms on localhost (executor driver) (5/11)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_94_0 locally
19/02/20 20:27:00 INFO Executor: Finished task 6.0 in stage 128.0 (TID 372). 833 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 2.0 in stage 129.0 (TID 379, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 6.0 in stage 128.0 (TID 372) in 16 ms on localhost (executor driver) (6/11)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_94_1 locally
19/02/20 20:27:00 INFO Executor: Finished task 9.0 in stage 128.0 (TID 375). 876 bytes result sent to driver
19/02/20 20:27:00 INFO Executor: Running task 2.0 in stage 129.0 (TID 379)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 3.0 in stage 129.0 (TID 380, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO Executor: Running task 3.0 in stage 129.0 (TID 380)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 9.0 in stage 128.0 (TID 375) in 0 ms on localhost (executor driver) (7/11)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_108_0 locally
19/02/20 20:27:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:27:00 INFO Executor: Finished task 8.0 in stage 128.0 (TID 374). 962 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 4.0 in stage 129.0 (TID 381, localhost, executor driver, partition 4, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:27:00 INFO Executor: Running task 4.0 in stage 129.0 (TID 381)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 8.0 in stage 128.0 (TID 374) in 16 ms on localhost (executor driver) (8/11)
19/02/20 20:27:00 INFO Executor: Finished task 0.0 in stage 128.0 (TID 366). 919 bytes result sent to driver

19/02/20 20:27:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:27:00 INFO TaskSetManager: Starting task 5.0 in stage 129.0 (TID 382, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 0.0 in stage 128.0 (TID 366) in 16 ms on localhost (executor driver) (9/11)
19/02/20 20:27:00 INFO Executor: Running task 5.0 in stage 129.0 (TID 382)
19/02/20 20:27:00 INFO Executor: Finished task 3.0 in stage 128.0 (TID 369). 919 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 6.0 in stage 129.0 (TID 383, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO Executor: Running task 6.0 in stage 129.0 (TID 383)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 3.0 in stage 128.0 (TID 369) in 31 ms on localhost (executor driver) (10/11)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:27:00 INFO Executor: Finished task 3.0 in stage 129.0 (TID 380). 919 bytes result sent to driver
19/02/20 20:27:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:27:00 INFO TaskSetManager: Starting task 7.0 in stage 129.0 (TID 384, localhost, executor driver, partition 7, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 3.0 in stage 129.0 (TID 380) in 15 ms on localhost (executor driver) (1/11)
19/02/20 20:27:00 INFO Executor: Running task 7.0 in stage 129.0 (TID 384)
19/02/20 20:27:00 INFO Executor: Finished task 4.0 in stage 129.0 (TID 381). 962 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Starting task 8.0 in stage 129.0 (TID 385, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 4.0 in stage 129.0 (TID 381) in 15 ms on localhost (executor driver) (2/11)
19/02/20 20:27:00 INFO Executor: Finished task 2.0 in stage 129.0 (TID 379). 919 bytes result sent to driver
19/02/20 20:27:00 INFO Executor: Running task 8.0 in stage 129.0 (TID 385)
19/02/20 20:27:00 INFO TaskSetManager: Starting task 9.0 in stage 129.0 (TID 386, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 2.0 in stage 129.0 (TID 379) in 15 ms on localhost (executor driver) (3/11)
19/02/20 20:27:00 INFO Executor: Running task 9.0 in stage 129.0 (TID 386)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:27:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:27:00 INFO Executor: Finished task 1.0 in stage 129.0 (TID 378). 919 bytes result sent to driver
19/02/20 20:27:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:27:00 INFO TaskSetManager: Starting task 10.0 in stage 129.0 (TID 387, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:27:00 INFO Executor: Running task 10.0 in stage 129.0 (TID 387)
19/02/20 20:27:00 INFO TaskSetManager: Finished task 1.0 in stage 129.0 (TID 378) in 15 ms on localhost (executor driver) (4/11)
19/02/20 20:27:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:27:00 INFO Executor: Finished task 0.0 in stage 129.0 (TID 377). 919 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 0.0 in stage 129.0 (TID 377) in 15 ms on localhost (executor driver) (5/11)
19/02/20 20:27:00 INFO Executor: Finished task 10.0 in stage 128.0 (TID 376). 919 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 10.0 in stage 128.0 (TID 376) in 15 ms on localhost (executor driver) (11/11)
19/02/20 20:27:00 INFO TaskSchedulerImpl: Removed TaskSet 128.0, whose tasks have all completed, from pool
19/02/20 20:27:00 INFO DAGScheduler: ShuffleMapStage 128 (filter at RelativeStrengthIndex.java:61) finished in 0.031 s
19/02/20 20:27:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:27:00 INFO DAGScheduler: running: Set(ShuffleMapStage 129)
19/02/20 20:27:00 INFO DAGScheduler: waiting: Set(ResultStage 130)
19/02/20 20:27:00 INFO DAGScheduler: failed: Set()
19/02/20 20:27:00 INFO Executor: Finished task 8.0 in stage 129.0 (TID 385). 876

bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 8.0 in stage 129.0 (TID 385) in 16 ms on localhost (executor driver) (6/11)
19/02/20 20:27:00 INFO Executor: Finished task 9.0 in stage 129.0 (TID 386). 962 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 9.0 in stage 129.0 (TID 386) in 16 ms on localhost (executor driver) (7/11)
19/02/20 20:27:00 INFO Executor: Finished task 7.0 in stage 129.0 (TID 384). 919 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 7.0 in stage 129.0 (TID 384) in 16 ms on localhost (executor driver) (8/11)
19/02/20 20:27:00 INFO Executor: Finished task 6.0 in stage 129.0 (TID 383). 919 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 6.0 in stage 129.0 (TID 383) in 16 ms on localhost (executor driver) (9/11)
19/02/20 20:27:00 INFO Executor: Finished task 5.0 in stage 129.0 (TID 382). 1005 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 5.0 in stage 129.0 (TID 382) in 31 ms on localhost (executor driver) (10/11)
19/02/20 20:27:00 INFO Executor: Finished task 10.0 in stage 129.0 (TID 387). 919 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 10.0 in stage 129.0 (TID 387) in 16 ms on localhost (executor driver) (11/11)
19/02/20 20:27:00 INFO TaskSchedulerImpl: Removed TaskSet 129.0, whose tasks have all completed, from pool
19/02/20 20:27:00 INFO DAGScheduler: ShuffleMapStage 129 (filter at RelativeStrengthIndex.java:54) finished in 0.047 s
19/02/20 20:27:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:27:00 INFO DAGScheduler: running: Set()
19/02/20 20:27:00 INFO DAGScheduler: waiting: Set(ResultStage 130)
19/02/20 20:27:00 INFO DAGScheduler: failed: Set()
19/02/20 20:27:00 INFO DAGScheduler: Submitting ResultStage 130 (MapPartitionsRDD[293] at saveAsTextFile at RelativeStrengthIndex.java:125), which has no missing parents
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_82 stored as values in memory (estimated size 53.4 KB, free 2.2 GB)
19/02/20 20:27:00 INFO MemoryStore: Block broadcast_82_piece0 stored as bytes in memory (estimated size 19.3 KB, free 2.2 GB)
19/02/20 20:27:00 INFO BlockManagerInfo: Added broadcast_82_piece0 in memory on 192.168.56.1:56546 (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:27:00 INFO SparkContext: Created broadcast 82 from broadcast at DAGScheduler.scala:1006
19/02/20 20:27:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 130 (MapPartitionsRDD[293] at saveAsTextFile at RelativeStrengthIndex.java:125) (first 15 tasks are for partitions Vector(0))
19/02/20 20:27:00 INFO TaskSchedulerImpl: Adding task set 130.0 with 1 tasks
19/02/20 20:27:00 INFO TaskSetManager: Starting task 0.0 in stage 130.0 (TID 388, localhost, executor driver, partition 0, ANY, 5682 bytes)
19/02/20 20:27:00 INFO Executor: Running task 0.0 in stage 130.0 (TID 388)
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in

0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 9 non-empty blocks out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 9 non-empty blocks out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 5 non-empty blocks out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 2 non-empty blocks out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:27:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:27:00 INFO FileOutputCommitter: Saved output of task 'attempt_20190220202700_0130_m_000000_388' to file:/C:/Users/Public/output/Analyses3_Rsi_1550674620598/_temporary/0/task_20190220202700_0130_m_000000
19/02/20 20:27:00 INFO SparkHadoopMapRedUtil: attempt_20190220202700_0130_m_000000_388: Committed
19/02/20 20:27:00 INFO Executor: Finished task 0.0 in stage 130.0 (TID 388). 1053 bytes result sent to driver
19/02/20 20:27:00 INFO TaskSetManager: Finished task 0.0 in stage 130.0 (TID 388) in 153 ms on localhost (executor driver) (1/1)
19/02/20 20:27:00 INFO TaskSchedulerImpl: Removed TaskSet 130.0, whose tasks have all completed, from pool
19/02/20 20:27:00 INFO DAGScheduler: ResultStage 130 (saveAsTextFile at RelativeStrengthIndex.java:125) finished in 0.153 s
19/02/20 20:27:00 INFO DAGScheduler: Job 34 finished: saveAsTextFile at

RelativeStrengthIndex.java:125, took 0.203703 s
19/02/20 20:27:00 INFO JobScheduler: Finished job streaming job 1550674620000
ms.3 from job set of time 1550674620000 ms
19/02/20 20:27:00 INFO MapPartitionsRDD: Removing RDD 155 from persistence list
19/02/20 20:27:00 INFO JobScheduler: Total delay: 0.921 s for time 1550674620000
ms (execution: 0.695 s)
19/02/20 20:27:00 INFO BlockManager: Removing RDD 155
19/02/20 20:27:00 INFO ShuffledRDD: Removing RDD 154 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 154
19/02/20 20:27:00 INFO MapPartitionsRDD: Removing RDD 153 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 153
19/02/20 20:27:00 INFO MapPartitionsRDD: Removing RDD 152 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 152
19/02/20 20:27:00 INFO UnionRDD: Removing RDD 151 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 151
19/02/20 20:27:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550673420000 ms:
19/02/20 20:27:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550673420000 ms:
19/02/20 20:27:00 INFO ShuffledRDD: Removing RDD 169 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 169
19/02/20 20:27:00 INFO MapPartitionsRDD: Removing RDD 166 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 166
19/02/20 20:27:00 INFO MapPartitionsRDD: Removing RDD 165 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 165
19/02/20 20:27:00 INFO MapPartitionsRDD: Removing RDD 164 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 164
19/02/20 20:27:00 INFO MapPartitionsRDD: Removing RDD 158 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 158
19/02/20 20:27:00 INFO ShuffledRDD: Removing RDD 157 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 157
19/02/20 20:27:00 INFO MapPartitionsRDD: Removing RDD 156 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 156
19/02/20 20:27:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550673420000 ms:
19/02/20 20:27:00 INFO MapPartitionsRDD: Removing RDD 161 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 161
19/02/20 20:27:00 INFO ShuffledRDD: Removing RDD 160 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 160
19/02/20 20:27:00 INFO MapPartitionsRDD: Removing RDD 159 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 159
19/02/20 20:27:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550673420000 ms:
19/02/20 20:27:00 INFO MapPartitionsRDD: Removing RDD 254 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 254
19/02/20 20:27:00 INFO MapPartitionsRDD: Removing RDD 253 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 253
19/02/20 20:27:00 INFO ShuffledRDD: Removing RDD 248 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 248
19/02/20 20:27:00 INFO MapPartitionsRDD: Removing RDD 247 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 247
19/02/20 20:27:00 INFO MapPartitionsRDD: Removing RDD 246 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 246
19/02/20 20:27:00 INFO MapPartitionsRDD: Removing RDD 245 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 245
19/02/20 20:27:00 INFO UnionRDD: Removing RDD 244 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 244
19/02/20 20:27:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550673420000 ms:
19/02/20 20:27:00 INFO ShuffledRDD: Removing RDD 250 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 250
19/02/20 20:27:00 INFO MapPartitionsRDD: Removing RDD 249 from persistence list
19/02/20 20:27:00 INFO BlockManager: Removing RDD 249
19/02/20 20:27:00 INFO FileInputDStream: Cleared 0 old files that were older

than 1550673420000 ms:
19/02/20 20:27:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673420000 ms:
19/02/20 20:27:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:27:00 INFO InputInfoTracker: remove old batch metadata:
19/02/20 20:28:00 INFO MappedDStream: Time 1550674680000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 960000 ms
19/02/20 20:28:00 INFO FlatMappedDStream: Time 1550674680000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 960000 ms
19/02/20 20:28:00 INFO TransformedDStream: Time 1550674680000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 960000 ms
19/02/20 20:28:00 INFO MappedDStream: Slicing from 1550674140000 ms to 1550674680000 ms (aligned to 1550674140000 ms and 1550674680000 ms)
19/02/20 20:28:00 INFO FileInputDStream: Finding new files took 17 ms
19/02/20 20:28:00 INFO FileInputDStream: New files at time 1550674680000 ms:
file:/C:/Users/Public/JSON/stocks_price_1550674625.9912617.json
file:/C:/Users/Public/JSON/stocks_price_1550674679.9256127.json
19/02/20 20:28:00 INFO MemoryStore: Block broadcast_83 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:28:00 INFO MemoryStore: Block broadcast_83_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:28:00 INFO BlockManagerInfo: Added broadcast_83_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:28:00 INFO SparkContext: Created broadcast 83 from textFileStream at SparkAnalysesDriver.java:52
19/02/20 20:28:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:28:00 INFO MemoryStore: Block broadcast_84 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:28:00 INFO MemoryStore: Block broadcast_84_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:28:00 INFO BlockManagerInfo: Added broadcast_84_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:28:00 INFO SparkContext: Created broadcast 84 from textFileStream at SparkAnalysesDriver.java:52
19/02/20 20:28:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:28:00 INFO TransformedDStream: Time 1550674680000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 960000 ms
19/02/20 20:28:00 INFO JobScheduler: Added jobs for time 1550674680000 ms
19/02/20 20:28:00 INFO JobScheduler: Starting job streaming job 1550674680000 ms.0 from job set of time 1550674680000 ms
19/02/20 20:28:00 INFO SparkContext: Starting job: saveAsTextFile at RelativeStrengthIndex.java:125
19/02/20 20:28:00 INFO DAGScheduler: Registering RDD 303 (filter at RelativeStrengthIndex.java:61)
19/02/20 20:28:00 INFO DAGScheduler: Registering RDD 301 (filter at RelativeStrengthIndex.java:54)
19/02/20 20:28:00 INFO DAGScheduler: Got job 35 (saveAsTextFile at RelativeStrengthIndex.java:125) with 1 output partitions
19/02/20 20:28:00 INFO DAGScheduler: Final stage: ResultStage 133 (saveAsTextFile at RelativeStrengthIndex.java:125)
19/02/20 20:28:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 132, ShuffleMapStage 131)
19/02/20 20:28:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 132, ShuffleMapStage 131)
19/02/20 20:28:00 INFO DAGScheduler: Submitting ShuffleMapStage 131 (MapPartitionsRDD[303] at filter at RelativeStrengthIndex.java:61), which has no missing parents
19/02/20 20:28:00 INFO MemoryStore: Block broadcast_85 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:28:00 INFO MemoryStore: Block broadcast_85_piece0 stored as bytes in

memory (estimated size 5.1 KB, free 2.2 GB)
19/02/20 20:28:00 INFO BlockManagerInfo: Added broadcast_85_piece0 in memory on 192.168.56.1:56546 (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:28:00 INFO SparkContext: Created broadcast 85 from broadcast at DAGScheduler.scala:1006
19/02/20 20:28:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 131 (MapPartitionsRDD[303] at filter at RelativeStrengthIndex.java:61) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:28:00 INFO TaskSchedulerImpl: Adding task set 131.0 with 11 tasks
19/02/20 20:28:00 INFO DAGScheduler: Submitting ShuffleMapStage 132 (MapPartitionsRDD[301] at filter at RelativeStrengthIndex.java:54), which has no missing parents
19/02/20 20:28:00 INFO TaskSetManager: Starting task 0.0 in stage 131.0 (TID 389, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:28:00 INFO TaskSetManager: Starting task 1.0 in stage 131.0 (TID 390, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:28:00 INFO TaskSetManager: Starting task 2.0 in stage 131.0 (TID 391, localhost, executor driver, partition 2, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:28:00 INFO TaskSetManager: Starting task 3.0 in stage 131.0 (TID 392, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:28:00 INFO TaskSetManager: Starting task 4.0 in stage 131.0 (TID 393, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:28:00 INFO TaskSetManager: Starting task 5.0 in stage 131.0 (TID 394, localhost, executor driver, partition 5, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:28:00 INFO TaskSetManager: Starting task 6.0 in stage 131.0 (TID 395, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:28:00 INFO TaskSetManager: Starting task 7.0 in stage 131.0 (TID 396, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:28:00 INFO Executor: Running task 2.0 in stage 131.0 (TID 391)
19/02/20 20:28:00 INFO Executor: Running task 7.0 in stage 131.0 (TID 396)
19/02/20 20:28:00 INFO Executor: Running task 3.0 in stage 131.0 (TID 392)
19/02/20 20:28:00 INFO Executor: Running task 5.0 in stage 131.0 (TID 394)
19/02/20 20:28:00 INFO Executor: Running task 4.0 in stage 131.0 (TID 393)
19/02/20 20:28:00 INFO Executor: Running task 0.0 in stage 131.0 (TID 389)
19/02/20 20:28:00 INFO Executor: Running task 6.0 in stage 131.0 (TID 395)
19/02/20 20:28:00 INFO Executor: Running task 1.0 in stage 131.0 (TID 390)
19/02/20 20:28:00 INFO MemoryStore: Block broadcast_86 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:28:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:28:00 INFO BlockManager: Found block rdd_108_0 locally
19/02/20 20:28:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:28:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:28:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:28:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:28:00 INFO MemoryStore: Block broadcast_86_piece0 stored as bytes in memory (estimated size 5.1 KB, free 2.2 GB)
19/02/20 20:28:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:28:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:28:00 INFO BlockManagerInfo: Added broadcast_86_piece0 in memory on 192.168.56.1:56546 (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:28:00 INFO SparkContext: Created broadcast 86 from broadcast at DAGScheduler.scala:1006
19/02/20 20:28:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 132 (MapPartitionsRDD[301] at filter at RelativeStrengthIndex.java:54) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:28:00 INFO TaskSchedulerImpl: Adding task set 132.0 with 11 tasks
19/02/20 20:28:00 INFO Executor: Finished task 0.0 in stage 131.0 (TID 389). 876 bytes result sent to driver
19/02/20 20:28:00 INFO TaskSetManager: Starting task 8.0 in stage 131.0 (TID 397, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:28:00 INFO Executor: Running task 8.0 in stage 131.0 (TID 397)
19/02/20 20:28:00 INFO TaskSetManager: Finished task 0.0 in stage 131.0 (TID

389) in 0 ms on localhost (executor driver) (1/11)
19/02/20 20:28:00 INFO Executor: Finished task 6.0 in stage 131.0 (TID 395). 876 bytes result sent to driver
19/02/20 20:28:00 INFO TaskSetManager: Starting task 9.0 in stage 131.0 (TID 398, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:28:00 INFO Executor: Running task 9.0 in stage 131.0 (TID 398)
19/02/20 20:28:00 INFO TaskSetManager: Finished task 6.0 in stage 131.0 (TID 395) in 0 ms on localhost (executor driver) (2/11)
19/02/20 20:28:00 INFO Executor: Finished task 7.0 in stage 131.0 (TID 396). 876 bytes result sent to driver
19/02/20 20:28:00 INFO TaskSetManager: Starting task 10.0 in stage 131.0 (TID 399, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:28:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:28:00 INFO TaskSetManager: Finished task 7.0 in stage 131.0 (TID 396) in 0 ms on localhost (executor driver) (3/11)
19/02/20 20:28:00 INFO Executor: Running task 10.0 in stage 131.0 (TID 399)
19/02/20 20:28:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550674625.9912617.json:0+682
19/02/20 20:28:00 INFO Executor: Finished task 1.0 in stage 131.0 (TID 390). 876 bytes result sent to driver
19/02/20 20:28:00 INFO TaskSetManager: Starting task 0.0 in stage 132.0 (TID 400, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:28:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550674679.9256127.json:0+681
19/02/20 20:28:00 INFO Executor: Running task 0.0 in stage 132.0 (TID 400)
19/02/20 20:28:00 INFO TaskSetManager: Finished task 1.0 in stage 131.0 (TID 390) in 16 ms on localhost (executor driver) (4/11)
19/02/20 20:28:00 INFO MemoryStore: Block rdd_297_0 stored as bytes in memory (estimated size 686.0 B, free 2.2 GB)
19/02/20 20:28:00 INFO BlockManagerInfo: Added rdd_297_0 in memory on 192.168.56.1:56546 (size: 686.0 B, free: 2.2 GB)
19/02/20 20:28:00 INFO Executor: Finished task 5.0 in stage 131.0 (TID 394). 962 bytes result sent to driver
19/02/20 20:28:00 INFO TaskSetManager: Starting task 1.0 in stage 132.0 (TID 401, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:28:00 INFO Executor: Running task 1.0 in stage 132.0 (TID 401)
19/02/20 20:28:00 INFO TaskSetManager: Finished task 5.0 in stage 131.0 (TID 394) in 16 ms on localhost (executor driver) (5/11)
19/02/20 20:28:00 INFO BlockManager: Found block rdd_108_0 locally
19/02/20 20:28:00 INFO MemoryStore: Block rdd_297_1 stored as bytes in memory (estimated size 685.0 B, free 2.2 GB)
19/02/20 20:28:00 INFO BlockManagerInfo: Added rdd_297_1 in memory on 192.168.56.1:56546 (size: 685.0 B, free: 2.2 GB)
19/02/20 20:28:00 INFO Executor: Finished task 3.0 in stage 131.0 (TID 392). 919 bytes result sent to driver
19/02/20 20:28:00 INFO TaskSetManager: Starting task 2.0 in stage 132.0 (TID 402, localhost, executor driver, partition 2, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:28:00 INFO TaskSetManager: Finished task 3.0 in stage 131.0 (TID 392) in 16 ms on localhost (executor driver) (6/11)
19/02/20 20:28:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:28:00 INFO Executor: Finished task 4.0 in stage 131.0 (TID 393). 833 bytes result sent to driver
19/02/20 20:28:00 INFO Executor: Running task 2.0 in stage 132.0 (TID 402)
19/02/20 20:28:00 INFO TaskSetManager: Starting task 3.0 in stage 132.0 (TID 403, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:28:00 INFO TaskSetManager: Finished task 4.0 in stage 131.0 (TID 393) in 16 ms on localhost (executor driver) (7/11)
19/02/20 20:28:00 INFO Executor: Running task 3.0 in stage 132.0 (TID 403)
19/02/20 20:28:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:28:00 INFO Executor: Finished task 2.0 in stage 131.0 (TID 391). 919 bytes result sent to driver
19/02/20 20:28:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:28:00 INFO TaskSetManager: Starting task 4.0 in stage 132.0 (TID 404, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:28:00 INFO TaskSetManager: Finished task 2.0 in stage 131.0 (TID 391) in 16 ms on localhost (executor driver) (8/11)
19/02/20 20:28:00 INFO Executor: Running task 4.0 in stage 132.0 (TID 404)
19/02/20 20:28:00 INFO Executor: Finished task 1.0 in stage 132.0 (TID 401). 876 bytes result sent to driver
19/02/20 20:28:00 INFO TaskSetManager: Starting task 5.0 in stage 132.0 (TID 405, localhost, executor driver, partition 5, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:28:00 INFO Executor: Running task 5.0 in stage 132.0 (TID 405)
19/02/20 20:28:00 INFO TaskSetManager: Finished task 1.0 in stage 132.0 (TID 401) in 0 ms on localhost (executor driver) (1/11)
19/02/20 20:28:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:28:00 INFO Executor: Finished task 0.0 in stage 132.0 (TID 400). 876 bytes result sent to driver
19/02/20 20:28:00 INFO TaskSetManager: Starting task 6.0 in stage 132.0 (TID 406, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:28:00 INFO TaskSetManager: Finished task 0.0 in stage 132.0 (TID 400) in 0 ms on localhost (executor driver) (2/11)
19/02/20 20:28:00 INFO Executor: Running task 6.0 in stage 132.0 (TID 406)
19/02/20 20:28:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:28:00 INFO Executor: Finished task 9.0 in stage 131.0 (TID 398). 1659 bytes result sent to driver
19/02/20 20:28:00 INFO TaskSetManager: Starting task 7.0 in stage 132.0 (TID 407, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:28:00 INFO Executor: Running task 7.0 in stage 132.0 (TID 407)
19/02/20 20:28:00 INFO TaskSetManager: Finished task 9.0 in stage 131.0 (TID 398) in 16 ms on localhost (executor driver) (9/11)
19/02/20 20:28:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:28:00 INFO Executor: Finished task 8.0 in stage 131.0 (TID 397). 962 bytes result sent to driver
19/02/20 20:28:00 INFO TaskSetManager: Starting task 8.0 in stage 132.0 (TID 408, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:28:00 INFO Executor: Running task 8.0 in stage 132.0 (TID 408)
19/02/20 20:28:00 INFO TaskSetManager: Finished task 8.0 in stage 131.0 (TID 397) in 31 ms on localhost (executor driver) (10/11)
19/02/20 20:28:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:28:00 INFO Executor: Finished task 4.0 in stage 132.0 (TID 404). 962 bytes result sent to driver
19/02/20 20:28:00 INFO TaskSetManager: Starting task 9.0 in stage 132.0 (TID 409, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:28:00 INFO TaskSetManager: Finished task 4.0 in stage 132.0 (TID 404) in 15 ms on localhost (executor driver) (3/11)
19/02/20 20:28:00 INFO Executor: Running task 9.0 in stage 132.0 (TID 409)
19/02/20 20:28:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:28:00 INFO Executor: Finished task 3.0 in stage 132.0 (TID 403). 919 bytes result sent to driver
19/02/20 20:28:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:28:00 INFO TaskSetManager: Starting task 10.0 in stage 132.0 (TID 410, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:28:00 INFO Executor: Running task 10.0 in stage 132.0 (TID 410)
19/02/20 20:28:00 INFO TaskSetManager: Finished task 3.0 in stage 132.0 (TID 403) in 15 ms on localhost (executor driver) (4/11)
19/02/20 20:28:00 INFO Executor: Finished task 2.0 in stage 132.0 (TID 402). 919 bytes result sent to driver
19/02/20 20:28:00 INFO TaskSetManager: Finished task 2.0 in stage 132.0 (TID 402) in 15 ms on localhost (executor driver) (5/11)
19/02/20 20:28:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:28:00 INFO Executor: Finished task 10.0 in stage 131.0 (TID 399). 1659 bytes result sent to driver
19/02/20 20:28:00 INFO TaskSetManager: Finished task 10.0 in stage 131.0 (TID 399) in 31 ms on localhost (executor driver) (11/11)
19/02/20 20:28:00 INFO TaskSchedulerImpl: Removed TaskSet 131.0, whose tasks have all completed, from pool
19/02/20 20:28:00 INFO DAGScheduler: ShuffleMapStage 131 (filter at RelativeStrengthIndex.java:61) finished in 0.031 s

19/02/20 20:28:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:28:00 INFO DAGScheduler: running: Set(ShuffleMapStage 132)
19/02/20 20:28:00 INFO DAGScheduler: waiting: Set(ResultStage 133)
19/02/20 20:28:00 INFO DAGScheduler: failed: Set()
19/02/20 20:28:00 INFO Executor: Finished task 9.0 in stage 132.0 (TID 409). 876 bytes result sent to driver
19/02/20 20:28:00 INFO TaskSetManager: Finished task 9.0 in stage 132.0 (TID 409) in 0 ms on localhost (executor driver) (6/11)
19/02/20 20:28:00 INFO Executor: Finished task 8.0 in stage 132.0 (TID 408). 876 bytes result sent to driver
19/02/20 20:28:00 INFO TaskSetManager: Finished task 8.0 in stage 132.0 (TID 408) in 15 ms on localhost (executor driver) (7/11)
19/02/20 20:28:00 INFO Executor: Finished task 7.0 in stage 132.0 (TID 407). 962 bytes result sent to driver
19/02/20 20:28:00 INFO TaskSetManager: Finished task 7.0 in stage 132.0 (TID 407) in 15 ms on localhost (executor driver) (8/11)
19/02/20 20:28:00 INFO Executor: Finished task 6.0 in stage 132.0 (TID 406). 962 bytes result sent to driver
19/02/20 20:28:00 INFO TaskSetManager: Finished task 6.0 in stage 132.0 (TID 406) in 15 ms on localhost (executor driver) (9/11)
19/02/20 20:28:00 INFO Executor: Finished task 5.0 in stage 132.0 (TID 405). 919 bytes result sent to driver
19/02/20 20:28:00 INFO TaskSetManager: Finished task 5.0 in stage 132.0 (TID 405) in 15 ms on localhost (executor driver) (10/11)
19/02/20 20:28:00 INFO Executor: Finished task 10.0 in stage 132.0 (TID 410). 790 bytes result sent to driver
19/02/20 20:28:00 INFO TaskSetManager: Finished task 10.0 in stage 132.0 (TID 410) in 0 ms on localhost (executor driver) (11/11)
19/02/20 20:28:00 INFO TaskSchedulerImpl: Removed TaskSet 132.0, whose tasks have all completed, from pool
19/02/20 20:28:00 INFO DAGScheduler: ShuffleMapStage 132 (filter at RelativeStrengthIndex.java:54) finished in 0.031 s
19/02/20 20:28:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:28:00 INFO DAGScheduler: running: Set()
19/02/20 20:28:00 INFO DAGScheduler: waiting: Set(ResultStage 133)
19/02/20 20:28:00 INFO DAGScheduler: failed: Set()
19/02/20 20:28:00 INFO DAGScheduler: Submitting ResultStage 133 (MapPartitionsRDD[310] at saveAsTextFile at RelativeStrengthIndex.java:125), which has no missing parents
19/02/20 20:28:00 INFO MemoryStore: Block broadcast_87 stored as values in memory (estimated size 53.4 KB, free 2.2 GB)
19/02/20 20:28:00 INFO MemoryStore: Block broadcast_87_piece0 stored as bytes in memory (estimated size 19.3 KB, free 2.2 GB)
19/02/20 20:28:00 INFO BlockManagerInfo: Added broadcast_87_piece0 in memory on 192.168.56.1:56546 (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:28:00 INFO SparkContext: Created broadcast 87 from broadcast at DAGScheduler.scala:1006
19/02/20 20:28:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 133 (MapPartitionsRDD[310] at saveAsTextFile at RelativeStrengthIndex.java:125) (first 15 tasks are for partitions Vector(0))
19/02/20 20:28:00 INFO TaskSchedulerImpl: Adding task set 133.0 with 1 tasks
19/02/20 20:28:00 INFO TaskSetManager: Starting task 0.0 in stage 133.0 (TID 411, localhost, executor driver, partition 0, ANY, 5682 bytes)
19/02/20 20:28:00 INFO Executor: Running task 0.0 in stage 133.0 (TID 411)
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks

19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Getting 7 non-empty blocks out of 11 blocks
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Getting 9 non-empty blocks out of 11 blocks
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Getting 6 non-empty blocks out of 11 blocks
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 11 blocks
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:28:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:28:00 INFO FileOutputCommitter: Saved output of task 'attempt_20190220202800_0133_m_000000_411' to file:/C:/Users/Public/output/Analyses3_Rsi_1550674680069/_temporary/0/task_20190220202800_0133_m_000000
19/02/20 20:28:00 INFO SparkHadoopMapRedUtil: attempt_20190220202800_0133_m_000000_411: Committed
19/02/20 20:28:00 INFO Executor: Finished task 0.0 in stage 133.0 (TID 411). 1053 bytes result sent to driver
19/02/20 20:28:00 INFO TaskSetManager: Finished task 0.0 in stage 133.0 (TID 411) in 125 ms on localhost (executor driver) (1/1)

19/02/20 20:28:00 INFO TaskSchedulerImpl: Removed TaskSet 133.0, whose tasks have all completed, from pool
19/02/20 20:28:00 INFO DAGScheduler: ResultStage 133 (saveAsTextFile at RelativeStrengthIndex.java:125) finished in 0.125 s
19/02/20 20:28:00 INFO DAGScheduler: Job 35 finished: saveAsTextFile at RelativeStrengthIndex.java:125, took 0.183294 s
19/02/20 20:28:00 INFO JobScheduler: Finished job streaming job 1550674680000 ms.0 from job set of time 1550674680000 ms
19/02/20 20:28:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673480000 ms:
19/02/20 20:28:00 INFO JobScheduler: Total delay: 0.368 s for time 1550674680000 ms (execution: 0.299 s)
19/02/20 20:28:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673480000 ms:
19/02/20 20:28:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673480000 ms:
19/02/20 20:28:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673480000 ms:
19/02/20 20:28:00 INFO MapPartitionsRDD: Removing RDD 289 from persistence list
19/02/20 20:28:00 INFO BlockManager: Removing RDD 289
19/02/20 20:28:00 INFO MapPartitionsRDD: Removing RDD 288 from persistence list
19/02/20 20:28:00 INFO BlockManager: Removing RDD 288
19/02/20 20:28:00 INFO ShuffledRDD: Removing RDD 283 from persistence list
19/02/20 20:28:00 INFO BlockManager: Removing RDD 283
19/02/20 20:28:00 INFO MapPartitionsRDD: Removing RDD 282 from persistence list
19/02/20 20:28:00 INFO BlockManager: Removing RDD 282
19/02/20 20:28:00 INFO MapPartitionsRDD: Removing RDD 281 from persistence list
19/02/20 20:28:00 INFO BlockManager: Removing RDD 281
19/02/20 20:28:00 INFO MapPartitionsRDD: Removing RDD 280 from persistence list
19/02/20 20:28:00 INFO BlockManager: Removing RDD 280
19/02/20 20:28:00 INFO UnionRDD: Removing RDD 279 from persistence list
19/02/20 20:28:00 INFO BlockManager: Removing RDD 279
19/02/20 20:28:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673480000 ms:
19/02/20 20:28:00 INFO ShuffledRDD: Removing RDD 285 from persistence list
19/02/20 20:28:00 INFO MapPartitionsRDD: Removing RDD 284 from persistence list
19/02/20 20:28:00 INFO BlockManager: Removing RDD 285
19/02/20 20:28:00 INFO BlockManager: Removing RDD 284
19/02/20 20:28:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673480000 ms:
19/02/20 20:28:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673480000 ms:
19/02/20 20:28:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:28:00 INFO InputInfoTracker: remove old batch metadata:
19/02/20 20:29:00 INFO MappedDStream: Time 1550674740000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1020000 ms
19/02/20 20:29:00 INFO FlatMappedDStream: Time 1550674740000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1020000 ms
19/02/20 20:29:00 INFO TransformedDStream: Time 1550674740000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1020000 ms
19/02/20 20:29:00 INFO MappedDStream: Slicing from 1550674200000 ms to 1550674740000 ms (aligned to 1550674200000 ms and 1550674740000 ms)
19/02/20 20:29:00 INFO FileInputDStream: Finding new files took 21 ms
19/02/20 20:29:00 INFO FileInputDStream: New files at time 1550674740000 ms: file:/C:/Users/Public/JSON/stocks_price_1550674733.4442058.json
19/02/20 20:29:00 INFO MemoryStore: Block broadcast_88 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:29:00 INFO MemoryStore: Block broadcast_88_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:29:00 INFO BlockManagerInfo: Added broadcast_88_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)

19/02/20 20:29:00 INFO SparkContext: Created broadcast 88 from textFileStream at SparkAnalysesDriver.java:52
19/02/20 20:29:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:29:00 INFO TransformedDStream: Time 1550674740000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 1020000 ms
19/02/20 20:29:00 INFO JobScheduler: Added jobs for time 1550674740000 ms
19/02/20 20:29:00 INFO JobScheduler: Starting job streaming job 1550674740000 ms.0 from job set of time 1550674740000 ms
19/02/20 20:29:00 INFO ContextCleaner: Cleaned shuffle 11
19/02/20 20:29:00 INFO SparkContext: Starting job: saveAsTextFile at RelativeStrengthIndex.java:125
19/02/20 20:29:00 INFO BlockManagerInfo: Removed broadcast_72_piece0 on 192.168.56.1:56546 in memory (size: 18.7 KB, free: 2.2 GB)
19/02/20 20:29:00 INFO DAGScheduler: Registering RDD 319 (filter at RelativeStrengthIndex.java:61)
19/02/20 20:29:00 INFO BlockManagerInfo: Removed broadcast_77_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:29:00 INFO DAGScheduler: Registering RDD 317 (filter at RelativeStrengthIndex.java:54)
19/02/20 20:29:00 INFO DAGScheduler: Got job 36 (saveAsTextFile at RelativeStrengthIndex.java:125) with 1 output partitions
19/02/20 20:29:00 INFO DAGScheduler: Final stage: ResultStage 136 (saveAsTextFile at RelativeStrengthIndex.java:125)
19/02/20 20:29:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 135, ShuffleMapStage 134)
19/02/20 20:29:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 135, ShuffleMapStage 134)
19/02/20 20:29:00 INFO BlockManagerInfo: Removed broadcast_78_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:29:00 INFO BlockManagerInfo: Removed broadcast_76_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:29:00 INFO ContextCleaner: Cleaned shuffle 6
19/02/20 20:29:00 INFO DAGScheduler: Submitting ShuffleMapStage 134 (MapPartitionsRDD[319] at filter at RelativeStrengthIndex.java:61), which has no missing parents
19/02/20 20:29:00 INFO MemoryStore: Block broadcast_89 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:29:00 INFO BlockManagerInfo: Removed broadcast_67_piece0 on 192.168.56.1:56546 in memory (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:29:00 INFO ContextCleaner: Cleaned shuffle 7
19/02/20 20:29:00 INFO MemoryStore: Block broadcast_89_piece0 stored as bytes in memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:29:00 INFO BlockManagerInfo: Added broadcast_89_piece0 in memory on 192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:29:00 INFO BlockManagerInfo: Removed broadcast_87_piece0 on 192.168.56.1:56546 in memory (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:29:00 INFO SparkContext: Created broadcast 89 from broadcast at DAGScheduler.scala:1006
19/02/20 20:29:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 134 (MapPartitionsRDD[319] at filter at RelativeStrengthIndex.java:61) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:29:00 INFO TaskSchedulerImpl: Adding task set 134.0 with 11 tasks
19/02/20 20:29:00 INFO DAGScheduler: Submitting ShuffleMapStage 135 (MapPartitionsRDD[317] at filter at RelativeStrengthIndex.java:54), which has no missing parents
19/02/20 20:29:00 INFO TaskSetManager: Starting task 0.0 in stage 134.0 (TID 412, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:29:00 INFO TaskSetManager: Starting task 1.0 in stage 134.0 (TID 413, localhost, executor driver, partition 1, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:29:00 INFO TaskSetManager: Starting task 2.0 in stage 134.0 (TID 414, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:29:00 INFO TaskSetManager: Starting task 3.0 in stage 134.0 (TID

415, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:29:00 INFO TaskSetManager: Starting task 4.0 in stage 134.0 (TID 416, localhost, executor driver, partition 4, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:29:00 INFO TaskSetManager: Starting task 5.0 in stage 134.0 (TID 417, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:29:00 INFO TaskSetManager: Starting task 6.0 in stage 134.0 (TID 418, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:29:00 INFO TaskSetManager: Starting task 7.0 in stage 134.0 (TID 419, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:29:00 INFO Executor: Running task 0.0 in stage 134.0 (TID 412)
19/02/20 20:29:00 INFO MemoryStore: Block broadcast_90 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:29:00 INFO Executor: Running task 1.0 in stage 134.0 (TID 413)
19/02/20 20:29:00 INFO Executor: Running task 2.0 in stage 134.0 (TID 414)
19/02/20 20:29:00 INFO Executor: Running task 5.0 in stage 134.0 (TID 417)
19/02/20 20:29:00 INFO Executor: Running task 6.0 in stage 134.0 (TID 418)
19/02/20 20:29:00 INFO Executor: Running task 7.0 in stage 134.0 (TID 419)
19/02/20 20:29:00 INFO MemoryStore: Block broadcast_90_piece0 stored as bytes in memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:29:00 INFO Executor: Running task 3.0 in stage 134.0 (TID 415)
19/02/20 20:29:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:29:00 INFO BlockManagerInfo: Removed broadcast_80_piece0 on 192.168.56.1:56546 in memory (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:29:00 INFO BlockManagerInfo: Added broadcast_90_piece0 in memory on 192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:29:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:29:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:29:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:29:00 INFO Executor: Running task 4.0 in stage 134.0 (TID 416)
19/02/20 20:29:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:29:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:29:00 INFO SparkContext: Created broadcast 90 from broadcast at DAGScheduler.scala:1006
19/02/20 20:29:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:29:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 135 (MapPartitionsRDD[317] at filter at RelativeStrengthIndex.java:54) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:29:00 INFO TaskSchedulerImpl: Adding task set 135.0 with 11 tasks
19/02/20 20:29:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:29:00 INFO BlockManagerInfo: Removed broadcast_73_piece0 on 192.168.56.1:56546 in memory (size: 3.8 KB, free: 2.2 GB)
19/02/20 20:29:00 INFO BlockManagerInfo: Removed broadcast_68_piece0 on 192.168.56.1:56546 in memory (size: 2.7 KB, free: 2.2 GB)
19/02/20 20:29:00 INFO ContextCleaner: Cleaned shuffle 31
19/02/20 20:29:00 INFO ContextCleaner: Cleaned shuffle 23
19/02/20 20:29:00 INFO ContextCleaner: Cleaned shuffle 12
19/02/20 20:29:00 INFO Executor: Finished task 0.0 in stage 134.0 (TID 412). 962 bytes result sent to driver
19/02/20 20:29:00 INFO BlockManagerInfo: Removed broadcast_86_piece0 on 192.168.56.1:56546 in memory (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:29:00 INFO TaskSetManager: Starting task 8.0 in stage 134.0 (TID 420, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:29:00 INFO Executor: Running task 8.0 in stage 134.0 (TID 420)
19/02/20 20:29:00 INFO TaskSetManager: Finished task 0.0 in stage 134.0 (TID 412) in 12 ms on localhost (executor driver) (1/11)
19/02/20 20:29:00 INFO Executor: Finished task 4.0 in stage 134.0 (TID 416). 962 bytes result sent to driver
19/02/20 20:29:00 INFO TaskSetManager: Starting task 9.0 in stage 134.0 (TID 421, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:29:00 INFO TaskSetManager: Finished task 4.0 in stage 134.0 (TID 416) in 12 ms on localhost (executor driver) (2/11)
19/02/20 20:29:00 INFO Executor: Running task 9.0 in stage 134.0 (TID 421)
19/02/20 20:29:00 INFO BlockManagerInfo: Removed broadcast_79_piece0 on

192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:29:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:29:00 INFO Executor: Finished task 6.0 in stage 134.0 (TID 418). 962 bytes result sent to driver
19/02/20 20:29:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:29:00 INFO TaskSetManager: Starting task 10.0 in stage 134.0 (TID 422, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:29:00 INFO Executor: Running task 10.0 in stage 134.0 (TID 422)
19/02/20 20:29:00 INFO TaskSetManager: Finished task 6.0 in stage 134.0 (TID 418) in 15 ms on localhost (executor driver) (3/11)
19/02/20 20:29:00 INFO ContextCleaner: Cleaned shuffle 30
19/02/20 20:29:00 INFO BlockManagerInfo: Removed broadcast_70_piece0 on 192.168.56.1:56546 in memory (size: 3.0 KB, free: 2.2 GB)
19/02/20 20:29:00 INFO NewHadoopRDD: Input split: file:/C:/Users/Public/JSON/stocks_price_1550674733.4442058.json:0+681
19/02/20 20:29:00 INFO Executor: Finished task 7.0 in stage 134.0 (TID 419). 962 bytes result sent to driver
19/02/20 20:29:00 INFO BlockManagerInfo: Removed broadcast_85_piece0 on 192.168.56.1:56546 in memory (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:29:00 INFO TaskSetManager: Starting task 0.0 in stage 135.0 (TID 423, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:29:00 INFO TaskSetManager: Finished task 7.0 in stage 134.0 (TID 419) in 18 ms on localhost (executor driver) (4/11)
19/02/20 20:29:00 INFO Executor: Running task 0.0 in stage 135.0 (TID 423)
19/02/20 20:29:00 INFO ContextCleaner: Cleaned shuffle 22
19/02/20 20:29:00 INFO BlockManagerInfo: Removed broadcast_69_piece0 on 192.168.56.1:56546 in memory (size: 2.7 KB, free: 2.2 GB)
19/02/20 20:29:00 INFO MemoryStore: Block rdd_313_0 stored as bytes in memory (estimated size 685.0 B, free 2.2 GB)
19/02/20 20:29:00 INFO Executor: Finished task 5.0 in stage 134.0 (TID 417). 962 bytes result sent to driver
19/02/20 20:29:00 INFO BlockManagerInfo: Added rdd_313_0 in memory on 192.168.56.1:56546 (size: 685.0 B, free: 2.2 GB)
19/02/20 20:29:00 INFO BlockManager: Found block rdd_122_0 locally
19/02/20 20:29:00 INFO TaskSetManager: Starting task 1.0 in stage 135.0 (TID 424, localhost, executor driver, partition 1, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:29:00 INFO TaskSetManager: Finished task 5.0 in stage 134.0 (TID 417) in 21 ms on localhost (executor driver) (5/11)
19/02/20 20:29:00 INFO Executor: Running task 1.0 in stage 135.0 (TID 424)
19/02/20 20:29:00 INFO Executor: Finished task 2.0 in stage 134.0 (TID 414). 962 bytes result sent to driver
19/02/20 20:29:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:29:00 INFO TaskSetManager: Starting task 2.0 in stage 135.0 (TID 425, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:29:00 INFO Executor: Running task 2.0 in stage 135.0 (TID 425)
19/02/20 20:29:00 INFO TaskSetManager: Finished task 2.0 in stage 134.0 (TID 414) in 25 ms on localhost (executor driver) (6/11)
19/02/20 20:29:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:29:00 INFO BlockManagerInfo: Removed broadcast_71_piece0 on 192.168.56.1:56546 in memory (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:29:00 INFO ContextCleaner: Cleaned shuffle 8
19/02/20 20:29:00 INFO Executor: Finished task 1.0 in stage 134.0 (TID 413). 962 bytes result sent to driver
19/02/20 20:29:00 INFO TaskSetManager: Starting task 3.0 in stage 135.0 (TID 426, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:29:00 INFO TaskSetManager: Finished task 1.0 in stage 134.0 (TID 413) in 29 ms on localhost (executor driver) (7/11)
19/02/20 20:29:00 INFO BlockManagerInfo: Removed broadcast_82_piece0 on 192.168.56.1:56546 in memory (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:29:00 INFO Executor: Running task 3.0 in stage 135.0 (TID 426)
19/02/20 20:29:00 INFO Executor: Finished task 3.0 in stage 134.0 (TID 415). 876 bytes result sent to driver
19/02/20 20:29:00 INFO TaskSetManager: Starting task 4.0 in stage 135.0 (TID 427, localhost, executor driver, partition 4, PROCESS_LOCAL, 5035 bytes)

19/02/20 20:29:00 INFO TaskSetManager: Finished task 3.0 in stage 134.0 (TID 415) in 30 ms on localhost (executor driver) (8/11)
19/02/20 20:29:00 INFO Executor: Running task 4.0 in stage 135.0 (TID 427)
19/02/20 20:29:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:29:00 INFO ContextCleaner: Cleaned shuffle 9
19/02/20 20:29:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:29:00 INFO BlockManagerInfo: Removed broadcast_81_piece0 on 192.168.56.1:56546 in memory (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:29:00 INFO BlockManagerInfo: Removed broadcast_74_piece0 on 192.168.56.1:56546 in memory (size: 3.8 KB, free: 2.2 GB)
19/02/20 20:29:00 INFO BlockManagerInfo: Removed broadcast_75_piece0 on 192.168.56.1:56546 in memory (size: 3.2 KB, free: 2.2 GB)
19/02/20 20:29:00 INFO Executor: Finished task 1.0 in stage 135.0 (TID 424). 962 bytes result sent to driver
19/02/20 20:29:00 INFO TaskSetManager: Starting task 5.0 in stage 135.0 (TID 428, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:29:00 INFO TaskSetManager: Finished task 1.0 in stage 135.0 (TID 424) in 15 ms on localhost (executor driver) (1/11)
19/02/20 20:29:00 INFO Executor: Running task 5.0 in stage 135.0 (TID 428)
19/02/20 20:29:00 INFO Executor: Finished task 10.0 in stage 134.0 (TID 422). 1616 bytes result sent to driver
19/02/20 20:29:00 INFO TaskSetManager: Starting task 6.0 in stage 135.0 (TID 429, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:29:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:29:00 INFO TaskSetManager: Finished task 10.0 in stage 134.0 (TID 422) in 23 ms on localhost (executor driver) (9/11)
19/02/20 20:29:00 INFO Executor: Running task 6.0 in stage 135.0 (TID 429)
19/02/20 20:29:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:29:00 INFO Executor: Finished task 0.0 in stage 135.0 (TID 423). 919 bytes result sent to driver
19/02/20 20:29:00 INFO TaskSetManager: Starting task 7.0 in stage 135.0 (TID 430, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:29:00 INFO Executor: Running task 7.0 in stage 135.0 (TID 430)
19/02/20 20:29:00 INFO Executor: Finished task 9.0 in stage 134.0 (TID 421). 962 bytes result sent to driver
19/02/20 20:29:00 INFO TaskSetManager: Starting task 8.0 in stage 135.0 (TID 431, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:29:00 INFO Executor: Running task 8.0 in stage 135.0 (TID 431)
19/02/20 20:29:00 INFO TaskSetManager: Finished task 9.0 in stage 134.0 (TID 421) in 29 ms on localhost (executor driver) (10/11)
19/02/20 20:29:00 INFO TaskSetManager: Finished task 0.0 in stage 135.0 (TID 423) in 24 ms on localhost (executor driver) (2/11)
19/02/20 20:29:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:29:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:29:00 INFO Executor: Finished task 8.0 in stage 134.0 (TID 420). 1005 bytes result sent to driver
19/02/20 20:29:00 INFO TaskSetManager: Starting task 9.0 in stage 135.0 (TID 432, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:29:00 INFO Executor: Running task 9.0 in stage 135.0 (TID 432)
19/02/20 20:29:00 INFO TaskSetManager: Finished task 8.0 in stage 134.0 (TID 420) in 36 ms on localhost (executor driver) (11/11)
19/02/20 20:29:00 INFO TaskSchedulerImpl: Removed TaskSet 134.0, whose tasks have all completed, from pool
19/02/20 20:29:00 INFO DAGScheduler: ShuffleMapStage 134 (filter at RelativeStrengthIndex.java:61) finished in 0.047 s
19/02/20 20:29:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:29:00 INFO DAGScheduler: running: Set(ShuffleMapStage 135)
19/02/20 20:29:00 INFO DAGScheduler: waiting: Set(ResultStage 136)
19/02/20 20:29:00 INFO DAGScheduler: failed: Set()
19/02/20 20:29:00 INFO Executor: Finished task 6.0 in stage 135.0 (TID 429). 1005 bytes result sent to driver
19/02/20 20:29:00 INFO TaskSetManager: Starting task 10.0 in stage 135.0 (TID 433, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:29:00 INFO Executor: Running task 10.0 in stage 135.0 (TID 433)

19/02/20 20:29:00 INFO TaskSetManager: Finished task 6.0 in stage 135.0 (TID 429) in 12 ms on localhost (executor driver) (3/11)
19/02/20 20:29:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:29:00 INFO Executor: Finished task 5.0 in stage 135.0 (TID 428). 962 bytes result sent to driver
19/02/20 20:29:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:29:00 INFO TaskSetManager: Finished task 5.0 in stage 135.0 (TID 428) in 16 ms on localhost (executor driver) (4/11)
19/02/20 20:29:00 INFO Executor: Finished task 4.0 in stage 135.0 (TID 427). 1005 bytes result sent to driver
19/02/20 20:29:00 INFO TaskSetManager: Finished task 4.0 in stage 135.0 (TID 427) in 22 ms on localhost (executor driver) (5/11)
19/02/20 20:29:00 INFO Executor: Finished task 3.0 in stage 135.0 (TID 426). 1005 bytes result sent to driver
19/02/20 20:29:00 INFO TaskSetManager: Finished task 3.0 in stage 135.0 (TID 426) in 24 ms on localhost (executor driver) (6/11)
19/02/20 20:29:00 INFO Executor: Finished task 2.0 in stage 135.0 (TID 425). 962 bytes result sent to driver
19/02/20 20:29:00 INFO TaskSetManager: Finished task 2.0 in stage 135.0 (TID 425) in 30 ms on localhost (executor driver) (7/11)
19/02/20 20:29:00 INFO Executor: Finished task 10.0 in stage 135.0 (TID 433). 962 bytes result sent to driver
19/02/20 20:29:00 INFO TaskSetManager: Finished task 10.0 in stage 135.0 (TID 433) in 8 ms on localhost (executor driver) (8/11)
19/02/20 20:29:00 INFO Executor: Finished task 9.0 in stage 135.0 (TID 432). 919 bytes result sent to driver
19/02/20 20:29:00 INFO TaskSetManager: Finished task 9.0 in stage 135.0 (TID 432) in 10 ms on localhost (executor driver) (9/11)
19/02/20 20:29:00 INFO Executor: Finished task 8.0 in stage 135.0 (TID 431). 962 bytes result sent to driver
19/02/20 20:29:00 INFO TaskSetManager: Finished task 8.0 in stage 135.0 (TID 431) in 15 ms on localhost (executor driver) (10/11)
19/02/20 20:29:00 INFO Executor: Finished task 7.0 in stage 135.0 (TID 430). 919 bytes result sent to driver
19/02/20 20:29:00 INFO TaskSetManager: Finished task 7.0 in stage 135.0 (TID 430) in 18 ms on localhost (executor driver) (11/11)
19/02/20 20:29:00 INFO TaskSchedulerImpl: Removed TaskSet 135.0, whose tasks have all completed, from pool
19/02/20 20:29:00 INFO DAGScheduler: ShuffleMapStage 135 (filter at RelativeStrengthIndex.java:54) finished in 0.051 s
19/02/20 20:29:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:29:00 INFO DAGScheduler: running: Set()
19/02/20 20:29:00 INFO DAGScheduler: waiting: Set(ResultStage 136)
19/02/20 20:29:00 INFO DAGScheduler: failed: Set()
19/02/20 20:29:00 INFO DAGScheduler: Submitting ResultStage 136 (MapPartitionsRDD[326] at saveAsTextFile at RelativeStrengthIndex.java:125), which has no missing parents
19/02/20 20:29:00 INFO MemoryStore: Block broadcast_91 stored as values in memory (estimated size 53.4 KB, free 2.2 GB)
19/02/20 20:29:00 INFO MemoryStore: Block broadcast_91_piece0 stored as bytes in memory (estimated size 19.3 KB, free 2.2 GB)
19/02/20 20:29:00 INFO BlockManagerInfo: Added broadcast_91_piece0 in memory on 192.168.56.1:56546 (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:29:00 INFO SparkContext: Created broadcast 91 from broadcast at DAGScheduler.scala:1006
19/02/20 20:29:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 136 (MapPartitionsRDD[326] at saveAsTextFile at RelativeStrengthIndex.java:125) (first 15 tasks are for partitions Vector())
19/02/20 20:29:00 INFO TaskSchedulerImpl: Adding task set 136.0 with 1 tasks
19/02/20 20:29:00 INFO TaskSetManager: Starting task 0.0 in stage 136.0 (TID 434, localhost, executor driver, partition 0, ANY, 5682 bytes)
19/02/20 20:29:00 INFO Executor: Running task 0.0 in stage 136.0 (TID 434)
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks

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19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Getting 7 non-empty blocks
out of 11 blocks
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Getting 10 non-empty blocks
out of 11 blocks
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Getting 6 non-empty blocks
out of 11 blocks
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 11 blocks
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
1 ms
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:29:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:29:00 INFO FileOutputCommitter: Saved output of task
'attempt 20190220202900 0136 m 0000000 434' to

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file:/C:/Users/Public/output/Analyses3_Rsi_1550674740043/_temporary/0/task_20190220202900_0136_m_000000
19/02/20 20:29:00 INFO SparkHadoopMapRedUtil:
attempt_20190220202900_0136_m_000000_434: Committed
19/02/20 20:29:00 INFO Executor: Finished task 0.0 in stage 136.0 (TID 434).
1096 bytes result sent to driver
19/02/20 20:29:00 INFO TaskSetManager: Finished task 0.0 in stage 136.0 (TID 434) in 130 ms on localhost (executor driver) (1/1)
19/02/20 20:29:00 INFO TaskSchedulerImpl: Removed TaskSet 136.0, whose tasks have all completed, from pool
19/02/20 20:29:00 INFO DAGScheduler: ResultStage 136 (saveAsTextFile at RelativeStrengthIndex.java:125) finished in 0.130 s
19/02/20 20:29:00 INFO DAGScheduler: Job 36 finished: saveAsTextFile at RelativeStrengthIndex.java:125, took 0.206130 s
19/02/20 20:29:00 INFO JobScheduler: Finished job streaming job 1550674740000 ms.0 from job set of time 1550674740000 ms
19/02/20 20:29:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673540000 ms:
19/02/20 20:29:00 INFO JobScheduler: Total delay: 0.370 s for time 1550674740000 ms (execution: 0.328 s)
19/02/20 20:29:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673540000 ms:
19/02/20 20:29:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673540000 ms:
19/02/20 20:29:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673540000 ms:
19/02/20 20:29:00 INFO MapPartitionsRDD: Removing RDD 308 from persistence list
19/02/20 20:29:00 INFO BlockManager: Removing RDD 308
19/02/20 20:29:00 INFO MapPartitionsRDD: Removing RDD 307 from persistence list
19/02/20 20:29:00 INFO BlockManager: Removing RDD 307
19/02/20 20:29:00 INFO ShuffledRDD: Removing RDD 302 from persistence list
19/02/20 20:29:00 INFO BlockManager: Removing RDD 302
19/02/20 20:29:00 INFO MapPartitionsRDD: Removing RDD 301 from persistence list
19/02/20 20:29:00 INFO BlockManager: Removing RDD 301
19/02/20 20:29:00 INFO MapPartitionsRDD: Removing RDD 300 from persistence list
19/02/20 20:29:00 INFO BlockManager: Removing RDD 300
19/02/20 20:29:00 INFO MapPartitionsRDD: Removing RDD 299 from persistence list
19/02/20 20:29:00 INFO BlockManager: Removing RDD 299
19/02/20 20:29:00 INFO UnionRDD: Removing RDD 298 from persistence list
19/02/20 20:29:00 INFO BlockManager: Removing RDD 298
19/02/20 20:29:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673540000 ms:
19/02/20 20:29:00 INFO ShuffledRDD: Removing RDD 304 from persistence list
19/02/20 20:29:00 INFO BlockManager: Removing RDD 304
19/02/20 20:29:00 INFO MapPartitionsRDD: Removing RDD 303 from persistence list
19/02/20 20:29:00 INFO BlockManager: Removing RDD 303
19/02/20 20:29:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673540000 ms:
19/02/20 20:29:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673540000 ms:
19/02/20 20:29:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:29:00 INFO InputInfoTracker: remove old batch metadata:
19/02/20 20:30:00 INFO MappedDStream: Time 1550674800000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1080000 ms
19/02/20 20:30:00 INFO FlatMappedDStream: Time 1550674800000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1080000 ms
19/02/20 20:30:00 INFO TransformedDStream: Time 1550674800000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1080000 ms
19/02/20 20:30:00 INFO MappedDStream: Slicing from 1550674260000 ms to 1550674800000 ms (aligned to 1550674260000 ms and 1550674800000 ms)
19/02/20 20:30:00 INFO FileInputDStream: Finding new files took 17 ms

19/02/20 20:30:00 INFO FileInputDStream: New files at time 1550674800000 ms:
file:/C:/Users/Public/JSON/stocks_price_1550674787.0207944.json
19/02/20 20:30:00 INFO MemoryStore: Block broadcast_92 stored as values in
memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:30:00 INFO MemoryStore: Block broadcast_92_piece0 stored as bytes in
memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:30:00 INFO BlockManagerInfo: Added broadcast_92_piece0 in memory on
192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:30:00 INFO SparkContext: Created broadcast 92 from textFileStream at
SparkAnalysesDriver.java:52
19/02/20 20:30:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:30:00 INFO TransformedDStream: Time 1550674800000 ms is invalid as
zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is
1080000 ms
19/02/20 20:30:00 INFO JobScheduler: Added jobs for time 1550674800000 ms
19/02/20 20:30:00 INFO JobScheduler: Starting job streaming job 1550674800000
ms.0 from job set of time 1550674800000 ms
19/02/20 20:30:00 INFO SparkContext: Starting job: saveAsTextFile at
RelativeStrengthIndex.java:125
19/02/20 20:30:00 INFO DAGScheduler: Registering RDD 333 (filter at
RelativeStrengthIndex.java:54)
19/02/20 20:30:00 INFO DAGScheduler: Registering RDD 335 (filter at
RelativeStrengthIndex.java:61)
19/02/20 20:30:00 INFO DAGScheduler: Got job 37 (saveAsTextFile at
RelativeStrengthIndex.java:125) with 1 output partitions
19/02/20 20:30:00 INFO DAGScheduler: Final stage: ResultStage 139
(saveAsTextFile at RelativeStrengthIndex.java:125)
19/02/20 20:30:00 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 137, ShuffleMapStage 138)
19/02/20 20:30:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 137,
ShuffleMapStage 138)
19/02/20 20:30:00 INFO DAGScheduler: Submitting ShuffleMapStage 137
(MapPartitionsRDD[333] at filter at RelativeStrengthIndex.java:54), which has no
missing parents
19/02/20 20:30:00 INFO MemoryStore: Block broadcast_93 stored as values in
memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:30:00 INFO MemoryStore: Block broadcast_93_piece0 stored as bytes in
memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:30:00 INFO BlockManagerInfo: Added broadcast_93_piece0 in memory on
192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:30:00 INFO SparkContext: Created broadcast 93 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:30:00 INFO DAGScheduler: Submitting 11 missing tasks from
ShuffleMapStage 137 (MapPartitionsRDD[333] at filter at
RelativeStrengthIndex.java:54) (first 15 tasks are for partitions Vector(0, 1,
2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:30:00 INFO TaskSchedulerImpl: Adding task set 137.0 with 11 tasks
19/02/20 20:30:00 INFO DAGScheduler: Submitting ShuffleMapStage 138
(MapPartitionsRDD[335] at filter at RelativeStrengthIndex.java:61), which has no
missing parents
19/02/20 20:30:00 INFO TaskSetManager: Starting task 0.0 in stage 137.0 (TID
435, localhost, executor driver, partition 0, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:30:00 INFO TaskSetManager: Starting task 1.0 in stage 137.0 (TID
436, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:30:00 INFO TaskSetManager: Starting task 2.0 in stage 137.0 (TID
437, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:30:00 INFO TaskSetManager: Starting task 3.0 in stage 137.0 (TID
438, localhost, executor driver, partition 3, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:30:00 INFO TaskSetManager: Starting task 4.0 in stage 137.0 (TID
439, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:30:00 INFO TaskSetManager: Starting task 5.0 in stage 137.0 (TID
440, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:30:00 INFO TaskSetManager: Starting task 6.0 in stage 137.0 (TID
441, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:30:00 INFO TaskSetManager: Starting task 7.0 in stage 137.0 (TID 442, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:30:00 INFO MemoryStore: Block broadcast_94 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:30:00 INFO Executor: Running task 2.0 in stage 137.0 (TID 437)
19/02/20 20:30:00 INFO Executor: Running task 5.0 in stage 137.0 (TID 440)
19/02/20 20:30:00 INFO Executor: Running task 6.0 in stage 137.0 (TID 441)
19/02/20 20:30:00 INFO Executor: Running task 3.0 in stage 137.0 (TID 438)
19/02/20 20:30:00 INFO Executor: Running task 0.0 in stage 137.0 (TID 435)
19/02/20 20:30:00 INFO Executor: Running task 1.0 in stage 137.0 (TID 436)
19/02/20 20:30:00 INFO Executor: Running task 4.0 in stage 137.0 (TID 439)
19/02/20 20:30:00 INFO MemoryStore: Block broadcast_94_piece0 stored as bytes in memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:30:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:30:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:30:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:30:00 INFO BlockManagerInfo: Added broadcast_94_piece0 in memory on 192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:30:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:30:00 INFO Executor: Running task 7.0 in stage 137.0 (TID 442)
19/02/20 20:30:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:30:00 INFO SparkContext: Created broadcast 94 from broadcast at DAGScheduler.scala:1006
19/02/20 20:30:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 138 (MapPartitionsRDD[335] at filter at RelativeStrengthIndex.java:61) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:30:00 INFO TaskSchedulerImpl: Adding task set 138.0 with 11 tasks
19/02/20 20:30:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:30:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:30:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:30:00 INFO Executor: Finished task 0.0 in stage 137.0 (TID 435). 962 bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Starting task 8.0 in stage 137.0 (TID 443, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:30:00 INFO Executor: Running task 8.0 in stage 137.0 (TID 443)
19/02/20 20:30:00 INFO TaskSetManager: Finished task 0.0 in stage 137.0 (TID 435) in 16 ms on localhost (executor driver) (1/11)
19/02/20 20:30:00 INFO Executor: Finished task 5.0 in stage 137.0 (TID 440). 962 bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Starting task 9.0 in stage 137.0 (TID 444, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:30:00 INFO Executor: Running task 9.0 in stage 137.0 (TID 444)
19/02/20 20:30:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:30:00 INFO Executor: Finished task 1.0 in stage 137.0 (TID 436). 962 bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Finished task 5.0 in stage 137.0 (TID 440) in 16 ms on localhost (executor driver) (2/11)
19/02/20 20:30:00 INFO TaskSetManager: Starting task 10.0 in stage 137.0 (TID 445, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:30:00 INFO Executor: Running task 10.0 in stage 137.0 (TID 445)
19/02/20 20:30:00 INFO TaskSetManager: Finished task 1.0 in stage 137.0 (TID 436) in 16 ms on localhost (executor driver) (3/11)
19/02/20 20:30:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:30:00 INFO Executor: Finished task 7.0 in stage 137.0 (TID 442). 962 bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Starting task 0.0 in stage 138.0 (TID 446, localhost, executor driver, partition 0, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:30:00 INFO NewHadoopRDD: Input split: file:/C:/Users/Public/JSON/stocks_price_1550674787.0207944.json:0+681
19/02/20 20:30:00 INFO TaskSetManager: Finished task 7.0 in stage 137.0 (TID 442) in 16 ms on localhost (executor driver) (4/11)
19/02/20 20:30:00 INFO Executor: Running task 0.0 in stage 138.0 (TID 446)
19/02/20 20:30:00 INFO Executor: Finished task 2.0 in stage 137.0 (TID 437). 919

bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Starting task 1.0 in stage 138.0 (TID 447, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:30:00 INFO TaskSetManager: Finished task 2.0 in stage 137.0 (TID 437) in 16 ms on localhost (executor driver) (5/11)
19/02/20 20:30:00 INFO Executor: Running task 1.0 in stage 138.0 (TID 447)
19/02/20 20:30:00 INFO BlockManager: Found block rdd_136_0 locally
19/02/20 20:30:00 INFO MemoryStore: Block rdd_329_0 stored as bytes in memory (estimated size 685.0 B, free 2.2 GB)
19/02/20 20:30:00 INFO BlockManagerInfo: Added rdd_329_0 in memory on 192.168.56.1:56546 (size: 685.0 B, free: 2.2 GB)
19/02/20 20:30:00 INFO Executor: Finished task 3.0 in stage 137.0 (TID 438). 919 bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Starting task 2.0 in stage 138.0 (TID 448, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:30:00 INFO Executor: Running task 2.0 in stage 138.0 (TID 448)
19/02/20 20:30:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:30:00 INFO TaskSetManager: Finished task 3.0 in stage 137.0 (TID 438) in 16 ms on localhost (executor driver) (6/11)
19/02/20 20:30:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:30:00 INFO Executor: Finished task 6.0 in stage 137.0 (TID 441). 919 bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Starting task 3.0 in stage 138.0 (TID 449, localhost, executor driver, partition 3, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:30:00 INFO Executor: Running task 3.0 in stage 138.0 (TID 449)
19/02/20 20:30:00 INFO TaskSetManager: Finished task 6.0 in stage 137.0 (TID 441) in 16 ms on localhost (executor driver) (7/11)
19/02/20 20:30:00 INFO Executor: Finished task 0.0 in stage 138.0 (TID 446). 876 bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Starting task 4.0 in stage 138.0 (TID 450, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:30:00 INFO Executor: Running task 4.0 in stage 138.0 (TID 450)
19/02/20 20:30:00 INFO TaskSetManager: Finished task 0.0 in stage 138.0 (TID 446) in 16 ms on localhost (executor driver) (1/11)
19/02/20 20:30:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:30:00 INFO Executor: Finished task 4.0 in stage 137.0 (TID 439). 962 bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Starting task 5.0 in stage 138.0 (TID 451, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:30:00 INFO TaskSetManager: Finished task 4.0 in stage 137.0 (TID 439) in 32 ms on localhost (executor driver) (8/11)
19/02/20 20:30:00 INFO Executor: Running task 5.0 in stage 138.0 (TID 451)
19/02/20 20:30:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:30:00 INFO Executor: Finished task 1.0 in stage 138.0 (TID 447). 919 bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Starting task 6.0 in stage 138.0 (TID 452, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:30:00 INFO TaskSetManager: Finished task 1.0 in stage 138.0 (TID 447) in 16 ms on localhost (executor driver) (2/11)
19/02/20 20:30:00 INFO Executor: Running task 6.0 in stage 138.0 (TID 452)
19/02/20 20:30:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:30:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:30:00 INFO Executor: Finished task 10.0 in stage 137.0 (TID 445). 1616 bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Starting task 7.0 in stage 138.0 (TID 453, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:30:00 INFO Executor: Running task 7.0 in stage 138.0 (TID 453)
19/02/20 20:30:00 INFO TaskSetManager: Finished task 10.0 in stage 137.0 (TID 445) in 16 ms on localhost (executor driver) (9/11)
19/02/20 20:30:00 INFO Executor: Finished task 4.0 in stage 138.0 (TID 450). 876 bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Starting task 8.0 in stage 138.0 (TID 454, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:30:00 INFO Executor: Running task 8.0 in stage 138.0 (TID 454)

19/02/20 20:30:00 INFO TaskSetManager: Finished task 4.0 in stage 138.0 (TID 450) in 0 ms on localhost (executor driver) (3/11)
19/02/20 20:30:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:30:00 INFO Executor: Finished task 9.0 in stage 137.0 (TID 444). 919 bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Starting task 9.0 in stage 138.0 (TID 455, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:30:00 INFO TaskSetManager: Finished task 9.0 in stage 137.0 (TID 444) in 16 ms on localhost (executor driver) (10/11)
19/02/20 20:30:00 INFO Executor: Running task 9.0 in stage 138.0 (TID 455)
19/02/20 20:30:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:30:00 INFO Executor: Finished task 8.0 in stage 137.0 (TID 443). 833 bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Starting task 10.0 in stage 138.0 (TID 456, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:30:00 INFO Executor: Running task 10.0 in stage 138.0 (TID 456)
19/02/20 20:30:00 INFO TaskSetManager: Finished task 8.0 in stage 137.0 (TID 443) in 16 ms on localhost (executor driver) (11/11)
19/02/20 20:30:00 INFO TaskSchedulerImpl: Removed TaskSet 137.0, whose tasks have all completed, from pool
19/02/20 20:30:00 INFO DAGScheduler: ShuffleMapStage 137 (filter at RelativeStrengthIndex.java:54) finished in 0.032 s
19/02/20 20:30:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:30:00 INFO DAGScheduler: running: Set(ShuffleMapStage 138)
19/02/20 20:30:00 INFO DAGScheduler: waiting: Set(ResultStage 139)
19/02/20 20:30:00 INFO DAGScheduler: failed: Set()
19/02/20 20:30:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:30:00 INFO Executor: Finished task 6.0 in stage 138.0 (TID 452). 876 bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Finished task 6.0 in stage 138.0 (TID 452) in 0 ms on localhost (executor driver) (4/11)
19/02/20 20:30:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:30:00 INFO Executor: Finished task 5.0 in stage 138.0 (TID 451). 876 bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Finished task 5.0 in stage 138.0 (TID 451) in 0 ms on localhost (executor driver) (5/11)
19/02/20 20:30:00 INFO Executor: Finished task 3.0 in stage 138.0 (TID 449). 962 bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Finished task 3.0 in stage 138.0 (TID 449) in 31 ms on localhost (executor driver) (6/11)
19/02/20 20:30:00 INFO Executor: Finished task 2.0 in stage 138.0 (TID 448). 876 bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Finished task 2.0 in stage 138.0 (TID 448) in 31 ms on localhost (executor driver) (7/11)
19/02/20 20:30:00 INFO Executor: Finished task 10.0 in stage 138.0 (TID 456). 962 bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Finished task 10.0 in stage 138.0 (TID 456) in 15 ms on localhost (executor driver) (8/11)
19/02/20 20:30:00 INFO Executor: Finished task 9.0 in stage 138.0 (TID 455). 919 bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Finished task 9.0 in stage 138.0 (TID 455) in 15 ms on localhost (executor driver) (9/11)
19/02/20 20:30:00 INFO Executor: Finished task 8.0 in stage 138.0 (TID 454). 919 bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Finished task 8.0 in stage 138.0 (TID 454) in 15 ms on localhost (executor driver) (10/11)
19/02/20 20:30:00 INFO Executor: Finished task 7.0 in stage 138.0 (TID 453). 919 bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Finished task 7.0 in stage 138.0 (TID 453) in 15 ms on localhost (executor driver) (11/11)
19/02/20 20:30:00 INFO TaskSchedulerImpl: Removed TaskSet 138.0, whose tasks have all completed, from pool
19/02/20 20:30:00 INFO DAGScheduler: ShuffleMapStage 138 (filter at RelativeStrengthIndex.java:61) finished in 0.047 s

19/02/20 20:30:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:30:00 INFO DAGScheduler: running: Set()
19/02/20 20:30:00 INFO DAGScheduler: waiting: Set(ResultStage 139)
19/02/20 20:30:00 INFO DAGScheduler: failed: Set()
19/02/20 20:30:00 INFO DAGScheduler: Submitting ResultStage 139
(MapPartitionsRDD[342] at saveAsTextFile at RelativeStrengthIndex.java:125),
which has no missing parents
19/02/20 20:30:00 INFO MemoryStore: Block broadcast_95 stored as values in
memory (estimated size 53.4 KB, free 2.2 GB)
19/02/20 20:30:00 INFO MemoryStore: Block broadcast_95_piece0 stored as bytes in
memory (estimated size 19.3 KB, free 2.2 GB)
19/02/20 20:30:00 INFO BlockManagerInfo: Added broadcast_95_piece0 in memory on
192.168.56.1:56546 (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:30:00 INFO SparkContext: Created broadcast 95 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:30:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage
139 (MapPartitionsRDD[342] at saveAsTextFile at RelativeStrengthIndex.java:125)
(first 15 tasks are for partitions Vector(0))
19/02/20 20:30:00 INFO TaskSchedulerImpl: Adding task set 139.0 with 1 tasks
19/02/20 20:30:00 INFO TaskSetManager: Starting task 0.0 in stage 139.0 (TID
457, localhost, executor driver, partition 0, ANY, 5682 bytes)
19/02/20 20:30:00 INFO Executor: Running task 0.0 in stage 139.0 (TID 457)
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Getting 7 non-empty blocks
out of 11 blocks
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Getting 10 non-empty blocks
out of 11 blocks
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks

19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Getting 6 non-empty blocks out of 11 blocks
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 11 blocks
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:30:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:30:00 INFO FileOutputCommitter: Saved output of task 'attempt_20190220203000_0139_m_000000_457' to file:/C:/Users/Public/output/Analyses3_Rsi_1550674800038/_temporary/0/task_20190220203000_0139_m_000000
19/02/20 20:30:00 INFO SparkHadoopMapRedUtil: attempt_20190220203000_0139_m_000000_457: Committed
19/02/20 20:30:00 INFO Executor: Finished task 0.0 in stage 139.0 (TID 457). 1053 bytes result sent to driver
19/02/20 20:30:00 INFO TaskSetManager: Finished task 0.0 in stage 139.0 (TID 457) in 125 ms on localhost (executor driver) (1/1)
19/02/20 20:30:00 INFO TaskSchedulerImpl: Removed TaskSet 139.0, whose tasks have all completed, from pool
19/02/20 20:30:00 INFO DAGScheduler: ResultStage 139 (saveAsTextFile at RelativeStrengthIndex.java:125) finished in 0.125 s
19/02/20 20:30:00 INFO DAGScheduler: Job 37 finished: saveAsTextFile at RelativeStrengthIndex.java:125, took 0.183320 s
19/02/20 20:30:00 INFO JobScheduler: Finished job streaming job 1550674800000 ms.0 from job set of time 1550674800000 ms
19/02/20 20:30:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673600000 ms:
19/02/20 20:30:00 INFO JobScheduler: Total delay: 0.335 s for time 1550674800000 ms (execution: 0.297 s)
19/02/20 20:30:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673600000 ms:
19/02/20 20:30:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673600000 ms:
19/02/20 20:30:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673600000 ms:
19/02/20 20:30:00 INFO MapPartitionsRDD: Removing RDD 324 from persistence list
19/02/20 20:30:00 INFO BlockManager: Removing RDD 324
19/02/20 20:30:00 INFO MapPartitionsRDD: Removing RDD 323 from persistence list
19/02/20 20:30:00 INFO BlockManager: Removing RDD 323
19/02/20 20:30:00 INFO ShuffledRDD: Removing RDD 318 from persistence list
19/02/20 20:30:00 INFO BlockManager: Removing RDD 318
19/02/20 20:30:00 INFO MapPartitionsRDD: Removing RDD 317 from persistence list
19/02/20 20:30:00 INFO BlockManager: Removing RDD 317
19/02/20 20:30:00 INFO MapPartitionsRDD: Removing RDD 316 from persistence list
19/02/20 20:30:00 INFO BlockManager: Removing RDD 316
19/02/20 20:30:00 INFO MapPartitionsRDD: Removing RDD 315 from persistence list
19/02/20 20:30:00 INFO BlockManager: Removing RDD 315
19/02/20 20:30:00 INFO UnionRDD: Removing RDD 314 from persistence list
19/02/20 20:30:00 INFO BlockManager: Removing RDD 314

19/02/20 20:30:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673600000 ms:
19/02/20 20:30:00 INFO ShuffledRDD: Removing RDD 320 from persistence list
19/02/20 20:30:00 INFO BlockManager: Removing RDD 320
19/02/20 20:30:00 INFO MapPartitionsRDD: Removing RDD 319 from persistence list
19/02/20 20:30:00 INFO BlockManager: Removing RDD 319
19/02/20 20:30:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673600000 ms:
19/02/20 20:30:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673600000 ms:
19/02/20 20:30:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:30:00 INFO InputInfoTracker: remove old batch metadata:
19/02/20 20:31:00 INFO MappedDStream: Time 1550674860000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1140000 ms
19/02/20 20:31:00 INFO FlatMappedDStream: Time 1550674860000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1140000 ms
19/02/20 20:31:00 INFO TransformedDStream: Time 1550674860000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1140000 ms
19/02/20 20:31:00 INFO MappedDStream: Slicing from 1550674320000 ms to 1550674860000 ms (aligned to 1550674320000 ms and 1550674860000 ms)
19/02/20 20:31:00 INFO FileInputDStream: Finding new files took 15 ms
19/02/20 20:31:00 INFO FileInputDStream: New files at time 1550674860000 ms: file:/C:/Users/Public/JSON/stocks_price_1550674841.1938806.json
19/02/20 20:31:00 INFO MemoryStore: Block broadcast_96 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:31:00 INFO MemoryStore: Block broadcast_96_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:31:00 INFO BlockManagerInfo: Added broadcast_96_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:31:00 INFO SparkContext: Created broadcast 96 from textFileStream at SparkAnalysesDriver.java:52
19/02/20 20:31:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:31:00 INFO TransformedDStream: Time 1550674860000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 1140000 ms
19/02/20 20:31:00 INFO JobScheduler: Added jobs for time 1550674860000 ms
19/02/20 20:31:00 INFO JobScheduler: Starting job streaming job 1550674860000 ms.0 from job set of time 1550674860000 ms
19/02/20 20:31:00 INFO SparkContext: Starting job: saveAsTextFile at RelativeStrengthIndex.java:125
19/02/20 20:31:00 INFO DAGScheduler: Registering RDD 349 (filter at RelativeStrengthIndex.java:54)
19/02/20 20:31:00 INFO DAGScheduler: Registering RDD 351 (filter at RelativeStrengthIndex.java:61)
19/02/20 20:31:00 INFO DAGScheduler: Got job 38 (saveAsTextFile at RelativeStrengthIndex.java:125) with 1 output partitions
19/02/20 20:31:00 INFO DAGScheduler: Final stage: ResultStage 142 (saveAsTextFile at RelativeStrengthIndex.java:125)
19/02/20 20:31:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 140, ShuffleMapStage 141)
19/02/20 20:31:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 140, ShuffleMapStage 141)
19/02/20 20:31:00 INFO DAGScheduler: Submitting ShuffleMapStage 140 (MapPartitionsRDD[349] at filter at RelativeStrengthIndex.java:54), which has no missing parents
19/02/20 20:31:00 INFO MemoryStore: Block broadcast_97 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:31:00 INFO MemoryStore: Block broadcast_97_piece0 stored as bytes in memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:31:00 INFO BlockManagerInfo: Added broadcast_97_piece0 in memory on 192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)

19/02/20 20:31:00 INFO SparkContext: Created broadcast 97 from broadcast at DAGScheduler.scala:1006
19/02/20 20:31:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 140 (MapPartitionsRDD[349] at filter at RelativeStrengthIndex.java:54) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:31:00 INFO TaskSchedulerImpl: Adding task set 140.0 with 11 tasks
19/02/20 20:31:00 INFO DAGScheduler: Submitting ShuffleMapStage 141 (MapPartitionsRDD[351] at filter at RelativeStrengthIndex.java:61), which has no missing parents
19/02/20 20:31:00 INFO TaskSetManager: Starting task 0.0 in stage 140.0 (TID 458, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:31:00 INFO TaskSetManager: Starting task 1.0 in stage 140.0 (TID 459, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:31:00 INFO TaskSetManager: Starting task 2.0 in stage 140.0 (TID 460, localhost, executor driver, partition 2, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:31:00 INFO TaskSetManager: Starting task 3.0 in stage 140.0 (TID 461, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:31:00 INFO TaskSetManager: Starting task 4.0 in stage 140.0 (TID 462, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:31:00 INFO TaskSetManager: Starting task 5.0 in stage 140.0 (TID 463, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:31:00 INFO TaskSetManager: Starting task 6.0 in stage 140.0 (TID 464, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:31:00 INFO TaskSetManager: Starting task 7.0 in stage 140.0 (TID 465, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:31:00 INFO Executor: Running task 1.0 in stage 140.0 (TID 459)
19/02/20 20:31:00 INFO Executor: Running task 3.0 in stage 140.0 (TID 461)
19/02/20 20:31:00 INFO Executor: Running task 2.0 in stage 140.0 (TID 460)
19/02/20 20:31:00 INFO Executor: Running task 0.0 in stage 140.0 (TID 458)
19/02/20 20:31:00 INFO Executor: Running task 7.0 in stage 140.0 (TID 465)
19/02/20 20:31:00 INFO Executor: Running task 4.0 in stage 140.0 (TID 462)
19/02/20 20:31:00 INFO Executor: Running task 5.0 in stage 140.0 (TID 463)
19/02/20 20:31:00 INFO Executor: Running task 6.0 in stage 140.0 (TID 464)
19/02/20 20:31:00 INFO MemoryStore: Block broadcast_98 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:31:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:31:00 INFO MemoryStore: Block broadcast_98_piece0 stored as bytes in memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:31:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:31:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:31:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:31:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:31:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:31:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:31:00 INFO BlockManagerInfo: Added broadcast_98_piece0 in memory on 192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:31:00 INFO SparkContext: Created broadcast 98 from broadcast at DAGScheduler.scala:1006
19/02/20 20:31:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 141 (MapPartitionsRDD[351] at filter at RelativeStrengthIndex.java:61) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:31:00 INFO TaskSchedulerImpl: Adding task set 141.0 with 11 tasks
19/02/20 20:31:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:31:00 INFO Executor: Finished task 6.0 in stage 140.0 (TID 464). 962 bytes result sent to driver
19/02/20 20:31:00 INFO TaskSetManager: Starting task 8.0 in stage 140.0 (TID 466, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:31:00 INFO Executor: Running task 8.0 in stage 140.0 (TID 466)
19/02/20 20:31:00 INFO TaskSetManager: Finished task 6.0 in stage 140.0 (TID 464) in 15 ms on localhost (executor driver) (1/11)
19/02/20 20:31:00 INFO Executor: Finished task 4.0 in stage 140.0 (TID 462). 919 bytes result sent to driver

19/02/20 20:31:00 INFO TaskSetManager: Starting task 9.0 in stage 140.0 (TID 467, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:31:00 INFO Executor: Running task 9.0 in stage 140.0 (TID 467)
19/02/20 20:31:00 INFO TaskSetManager: Finished task 4.0 in stage 140.0 (TID 462) in 15 ms on localhost (executor driver) (2/11)
19/02/20 20:31:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:31:00 INFO Executor: Finished task 1.0 in stage 140.0 (TID 459). 919 bytes result sent to driver
19/02/20 20:31:00 INFO TaskSetManager: Starting task 10.0 in stage 140.0 (TID 468, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:31:00 INFO TaskSetManager: Finished task 1.0 in stage 140.0 (TID 459) in 15 ms on localhost (executor driver) (3/11)
19/02/20 20:31:00 INFO Executor: Running task 10.0 in stage 140.0 (TID 468)
19/02/20 20:31:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:31:00 INFO Executor: Finished task 0.0 in stage 140.0 (TID 458). 919 bytes result sent to driver
19/02/20 20:31:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550674841.1938806.json:0+681
19/02/20 20:31:00 INFO TaskSetManager: Starting task 0.0 in stage 141.0 (TID 469, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:31:00 INFO Executor: Running task 0.0 in stage 141.0 (TID 469)
19/02/20 20:31:00 INFO TaskSetManager: Finished task 0.0 in stage 140.0 (TID 458) in 15 ms on localhost (executor driver) (4/11)
19/02/20 20:31:00 INFO BlockManager: Found block rdd_150_0 locally
19/02/20 20:31:00 INFO Executor: Finished task 2.0 in stage 140.0 (TID 460). 919 bytes result sent to driver
19/02/20 20:31:00 INFO Executor: Finished task 8.0 in stage 140.0 (TID 466). 876 bytes result sent to driver
19/02/20 20:31:00 INFO MemoryStore: Block rdd_345_0 stored as bytes in memory (estimated size 685.0 B, free 2.2 GB)
19/02/20 20:31:00 INFO TaskSetManager: Starting task 1.0 in stage 141.0 (TID 470, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:31:00 INFO BlockManagerInfo: Added rdd_345_0 in memory on 192.168.56.1:56546 (size: 685.0 B, free: 2.2 GB)
19/02/20 20:31:00 INFO Executor: Running task 1.0 in stage 141.0 (TID 470)
19/02/20 20:31:00 INFO TaskSetManager: Starting task 2.0 in stage 141.0 (TID 471, localhost, executor driver, partition 2, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:31:00 INFO TaskSetManager: Finished task 2.0 in stage 140.0 (TID 460) in 15 ms on localhost (executor driver) (5/11)
19/02/20 20:31:00 INFO Executor: Running task 2.0 in stage 141.0 (TID 471)
19/02/20 20:31:00 INFO TaskSetManager: Finished task 8.0 in stage 140.0 (TID 466) in 0 ms on localhost (executor driver) (6/11)
19/02/20 20:31:00 INFO Executor: Finished task 7.0 in stage 140.0 (TID 465). 833 bytes result sent to driver
19/02/20 20:31:00 INFO TaskSetManager: Starting task 3.0 in stage 141.0 (TID 472, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:31:00 INFO Executor: Running task 3.0 in stage 141.0 (TID 472)
19/02/20 20:31:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:31:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:31:00 INFO TaskSetManager: Finished task 7.0 in stage 140.0 (TID 465) in 15 ms on localhost (executor driver) (7/11)
19/02/20 20:31:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:31:00 INFO Executor: Finished task 3.0 in stage 140.0 (TID 461). 919 bytes result sent to driver
19/02/20 20:31:00 INFO TaskSetManager: Starting task 4.0 in stage 141.0 (TID 473, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:31:00 INFO Executor: Running task 4.0 in stage 141.0 (TID 473)
19/02/20 20:31:00 INFO TaskSetManager: Finished task 3.0 in stage 140.0 (TID 461) in 15 ms on localhost (executor driver) (8/11)
19/02/20 20:31:00 INFO Executor: Finished task 0.0 in stage 141.0 (TID 469). 962 bytes result sent to driver
19/02/20 20:31:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:31:00 INFO TaskSetManager: Starting task 5.0 in stage 141.0 (TID 474, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:31:00 INFO Executor: Running task 5.0 in stage 141.0 (TID 474)
19/02/20 20:31:00 INFO TaskSetManager: Finished task 0.0 in stage 141.0 (TID 469) in 16 ms on localhost (executor driver) (1/11)
19/02/20 20:31:00 INFO Executor: Finished task 9.0 in stage 140.0 (TID 467). 962 bytes result sent to driver
19/02/20 20:31:00 INFO TaskSetManager: Starting task 6.0 in stage 141.0 (TID 475, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:31:00 INFO TaskSetManager: Finished task 9.0 in stage 140.0 (TID 467) in 16 ms on localhost (executor driver) (9/11)
19/02/20 20:31:00 INFO Executor: Running task 6.0 in stage 141.0 (TID 475)
19/02/20 20:31:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:31:00 INFO Executor: Finished task 5.0 in stage 140.0 (TID 463). 962 bytes result sent to driver
19/02/20 20:31:00 INFO TaskSetManager: Starting task 7.0 in stage 141.0 (TID 476, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:31:00 INFO Executor: Running task 7.0 in stage 141.0 (TID 476)
19/02/20 20:31:00 INFO TaskSetManager: Finished task 5.0 in stage 140.0 (TID 463) in 31 ms on localhost (executor driver) (10/11)
19/02/20 20:31:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:31:00 INFO Executor: Finished task 3.0 in stage 141.0 (TID 472). 962 bytes result sent to driver
19/02/20 20:31:00 INFO TaskSetManager: Starting task 8.0 in stage 141.0 (TID 477, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:31:00 INFO TaskSetManager: Finished task 3.0 in stage 141.0 (TID 472) in 16 ms on localhost (executor driver) (2/11)
19/02/20 20:31:00 INFO Executor: Running task 8.0 in stage 141.0 (TID 477)
19/02/20 20:31:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:31:00 INFO Executor: Finished task 2.0 in stage 141.0 (TID 471). 919 bytes result sent to driver
19/02/20 20:31:00 INFO TaskSetManager: Starting task 9.0 in stage 141.0 (TID 478, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:31:00 INFO Executor: Running task 9.0 in stage 141.0 (TID 478)
19/02/20 20:31:00 INFO TaskSetManager: Finished task 2.0 in stage 141.0 (TID 471) in 16 ms on localhost (executor driver) (3/11)
19/02/20 20:31:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:31:00 INFO Executor: Finished task 10.0 in stage 140.0 (TID 468). 1616 bytes result sent to driver
19/02/20 20:31:00 INFO TaskSetManager: Starting task 10.0 in stage 141.0 (TID 479, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:31:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:31:00 INFO TaskSetManager: Finished task 10.0 in stage 140.0 (TID 468) in 16 ms on localhost (executor driver) (11/11)
19/02/20 20:31:00 INFO Executor: Running task 10.0 in stage 141.0 (TID 479)
19/02/20 20:31:00 INFO TaskSchedulerImpl: Removed TaskSet 140.0, whose tasks have all completed, from pool
19/02/20 20:31:00 INFO Executor: Finished task 1.0 in stage 141.0 (TID 470). 833 bytes result sent to driver
19/02/20 20:31:00 INFO DAGScheduler: ShuffleMapStage 140 (filter at RelativeStrengthIndex.java:54) finished in 0.031 s
19/02/20 20:31:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:31:00 INFO DAGScheduler: running: Set(ShuffleMapStage 141)
19/02/20 20:31:00 INFO DAGScheduler: waiting: Set(ResultStage 142)
19/02/20 20:31:00 INFO DAGScheduler: failed: Set()
19/02/20 20:31:00 INFO TaskSetManager: Finished task 1.0 in stage 141.0 (TID 470) in 16 ms on localhost (executor driver) (4/11)
19/02/20 20:31:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:31:00 INFO Executor: Finished task 6.0 in stage 141.0 (TID 475). 876 bytes result sent to driver
19/02/20 20:31:00 INFO TaskSetManager: Finished task 6.0 in stage 141.0 (TID 475) in 0 ms on localhost (executor driver) (5/11)
19/02/20 20:31:00 INFO Executor: Finished task 5.0 in stage 141.0 (TID 474). 876 bytes result sent to driver
19/02/20 20:31:00 INFO TaskSetManager: Finished task 5.0 in stage 141.0 (TID 474) in 0 ms on localhost (executor driver) (6/11)

19/02/20 20:31:00 INFO Executor: Finished task 4.0 in stage 141.0 (TID 473). 962 bytes result sent to driver
19/02/20 20:31:00 INFO TaskSetManager: Finished task 4.0 in stage 141.0 (TID 473) in 16 ms on localhost (executor driver) (7/11)
19/02/20 20:31:00 INFO Executor: Finished task 10.0 in stage 141.0 (TID 479). 790 bytes result sent to driver
19/02/20 20:31:00 INFO TaskSetManager: Finished task 10.0 in stage 141.0 (TID 479) in 0 ms on localhost (executor driver) (8/11)
19/02/20 20:31:00 INFO Executor: Finished task 9.0 in stage 141.0 (TID 478). 876 bytes result sent to driver
19/02/20 20:31:00 INFO TaskSetManager: Finished task 9.0 in stage 141.0 (TID 478) in 16 ms on localhost (executor driver) (9/11)
19/02/20 20:31:00 INFO Executor: Finished task 8.0 in stage 141.0 (TID 477). 962 bytes result sent to driver
19/02/20 20:31:00 INFO TaskSetManager: Finished task 8.0 in stage 141.0 (TID 477) in 16 ms on localhost (executor driver) (10/11)
19/02/20 20:31:00 INFO Executor: Finished task 7.0 in stage 141.0 (TID 476). 919 bytes result sent to driver
19/02/20 20:31:00 INFO TaskSetManager: Finished task 7.0 in stage 141.0 (TID 476) in 16 ms on localhost (executor driver) (11/11)
19/02/20 20:31:00 INFO TaskSchedulerImpl: Removed TaskSet 141.0, whose tasks have all completed, from pool
19/02/20 20:31:00 INFO DAGScheduler: ShuffleMapStage 141 (filter at RelativeStrengthIndex.java:61) finished in 0.047 s
19/02/20 20:31:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:31:00 INFO DAGScheduler: running: Set()
19/02/20 20:31:00 INFO DAGScheduler: waiting: Set(ResultStage 142)
19/02/20 20:31:00 INFO DAGScheduler: failed: Set()
19/02/20 20:31:00 INFO DAGScheduler: Submitting ResultStage 142 (MapPartitionsRDD[358] at saveAsTextFile at RelativeStrengthIndex.java:125), which has no missing parents
19/02/20 20:31:00 INFO MemoryStore: Block broadcast_99 stored as values in memory (estimated size 53.4 KB, free 2.2 GB)
19/02/20 20:31:00 INFO MemoryStore: Block broadcast_99_piece0 stored as bytes in memory (estimated size 19.3 KB, free 2.2 GB)
19/02/20 20:31:00 INFO BlockManagerInfo: Added broadcast_99_piece0 in memory on 192.168.56.1:56546 (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:31:00 INFO SparkContext: Created broadcast 99 from broadcast at DAGScheduler.scala:1006
19/02/20 20:31:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 142 (MapPartitionsRDD[358] at saveAsTextFile at RelativeStrengthIndex.java:125) (first 15 tasks are for partitions Vector(0))
19/02/20 20:31:00 INFO TaskSchedulerImpl: Adding task set 142.0 with 1 tasks
19/02/20 20:31:00 INFO TaskSetManager: Starting task 0.0 in stage 142.0 (TID 480, localhost, executor driver, partition 0, ANY, 5682 bytes)
19/02/20 20:31:00 INFO Executor: Running task 0.0 in stage 142.0 (TID 480)
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks

19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Getting 7 non-empty blocks out of 11 blocks
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Getting 9 non-empty blocks out of 11 blocks
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Getting 6 non-empty blocks out of 11 blocks
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 11 blocks
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:31:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:31:00 INFO FileOutputCommitter: Saved output of task 'attempt_20190220203100_0142_m_000000_480' to file:/C:/Users/Public/output/Analyses3_Rsi_1550674860037/_temporary/0/task_20190220203100_0142_m_000000
19/02/20 20:31:00 INFO SparkHadoopMapRedUtil: attempt_20190220203100_0142_m_000000_480: Committed
19/02/20 20:31:00 INFO Executor: Finished task 0.0 in stage 142.0 (TID 480). 1053 bytes result sent to driver
19/02/20 20:31:00 INFO TaskSetManager: Finished task 0.0 in stage 142.0 (TID 480) in 125 ms on localhost (executor driver) (1/1)
19/02/20 20:31:00 INFO TaskSchedulerImpl: Removed TaskSet 142.0, whose tasks have all completed, from pool
19/02/20 20:31:00 INFO DAGScheduler: ResultStage 142 (saveAsTextFile at RelativeStrengthIndex.java:125) finished in 0.125 s
19/02/20 20:31:00 INFO DAGScheduler: Job 38 finished: saveAsTextFile at RelativeStrengthIndex.java:125, took 0.178465 s
19/02/20 20:31:00 INFO JobScheduler: Finished job streaming job 1550674860000 ms.0 from job set of time 1550674860000 ms

19/02/20 20:31:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673660000 ms:
19/02/20 20:31:00 INFO JobScheduler: Total delay: 0.334 s for time 1550674860000 ms (execution: 0.297 s)
19/02/20 20:31:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673660000 ms:
19/02/20 20:31:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673660000 ms:
19/02/20 20:31:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673660000 ms:
19/02/20 20:31:00 INFO MapPartitionsRDD: Removing RDD 340 from persistence list
19/02/20 20:31:00 INFO BlockManager: Removing RDD 340
19/02/20 20:31:00 INFO MapPartitionsRDD: Removing RDD 339 from persistence list
19/02/20 20:31:00 INFO BlockManager: Removing RDD 339
19/02/20 20:31:00 INFO ShuffledRDD: Removing RDD 334 from persistence list
19/02/20 20:31:00 INFO BlockManager: Removing RDD 334
19/02/20 20:31:00 INFO MapPartitionsRDD: Removing RDD 333 from persistence list
19/02/20 20:31:00 INFO BlockManager: Removing RDD 333
19/02/20 20:31:00 INFO MapPartitionsRDD: Removing RDD 332 from persistence list
19/02/20 20:31:00 INFO BlockManager: Removing RDD 332
19/02/20 20:31:00 INFO MapPartitionsRDD: Removing RDD 331 from persistence list
19/02/20 20:31:00 INFO BlockManager: Removing RDD 331
19/02/20 20:31:00 INFO UnionRDD: Removing RDD 330 from persistence list
19/02/20 20:31:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673660000 ms:
19/02/20 20:31:00 INFO BlockManager: Removing RDD 330
19/02/20 20:31:00 INFO ShuffledRDD: Removing RDD 336 from persistence list
19/02/20 20:31:00 INFO BlockManager: Removing RDD 336
19/02/20 20:31:00 INFO MapPartitionsRDD: Removing RDD 335 from persistence list
19/02/20 20:31:00 INFO BlockManager: Removing RDD 335
19/02/20 20:31:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673660000 ms:
19/02/20 20:31:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673660000 ms:
19/02/20 20:31:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:31:00 INFO InputInfoTracker: remove old batch metadata:
19/02/20 20:32:00 INFO MappedDStream: Slicing from 1550674380000 ms to 1550674920000 ms (aligned to 1550674380000 ms and 1550674920000 ms)
19/02/20 20:32:00 INFO FileInputDStream: Finding new files took 16 ms
19/02/20 20:32:00 INFO FileInputDStream: New files at time 1550674920000 ms: file:/C:/Users/Public/JSON/stocks_price_1550674896.1628573.json
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_100 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_100_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_100_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 100 from textFileStream at SparkAnalysesDriver.java:52
19/02/20 20:32:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:32:00 INFO SparkContext: Starting job: sortByKey at MaximumProfitStock.java:141
19/02/20 20:32:00 INFO DAGScheduler: Registering RDD 367 (mapToPair at MaximumProfitStock.java:26)
19/02/20 20:32:00 INFO DAGScheduler: Registering RDD 369 (mapToPair at MaximumProfitStock.java:75)
19/02/20 20:32:00 INFO DAGScheduler: Registering RDD 370 (mapToPair at MaximumProfitStock.java:43)
19/02/20 20:32:00 INFO DAGScheduler: Registering RDD 372 (mapToPair at MaximumProfitStock.java:94)
19/02/20 20:32:00 INFO DAGScheduler: Got job 39 (sortByKey at MaximumProfitStock.java:141) with 8 output partitions
19/02/20 20:32:00 INFO DAGScheduler: Final stage: ResultStage 147 (sortByKey at MaximumProfitStock.java:141)

19/02/20 20:32:00 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 144, ShuffleMapStage 146)
19/02/20 20:32:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 144,
ShuffleMapStage 146)
19/02/20 20:32:00 INFO DAGScheduler: Submitting ShuffleMapStage 143
(MapPartitionsRDD[367] at mapToPair at MaximumProfitStock.java:26), which has no
missing parents
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_101 stored as values in
memory (estimated size 10.0 KB, free 2.2 GB)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_101_piece0 stored as bytes
in memory (estimated size 4.8 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_101_piece0 in memory on
192.168.56.1:56546 (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 101 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 11 missing tasks from
ShuffleMapStage 143 (MapPartitionsRDD[367] at mapToPair at
MaximumProfitStock.java:26) (first 15 tasks are for partitions Vector(0, 1, 2,
3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 143.0 with 11 tasks
19/02/20 20:32:00 INFO DAGScheduler: Submitting ShuffleMapStage 145
(MapPartitionsRDD[370] at mapToPair at MaximumProfitStock.java:43), which has no
missing parents
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 143.0 (TID
481, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 1.0 in stage 143.0 (TID
482, localhost, executor driver, partition 1, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 2.0 in stage 143.0 (TID
483, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 3.0 in stage 143.0 (TID
484, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 4.0 in stage 143.0 (TID
485, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 5.0 in stage 143.0 (TID
486, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 6.0 in stage 143.0 (TID
487, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 7.0 in stage 143.0 (TID
488, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 3.0 in stage 143.0 (TID 484)
19/02/20 20:32:00 INFO Executor: Running task 2.0 in stage 143.0 (TID 483)
19/02/20 20:32:00 INFO Executor: Running task 1.0 in stage 143.0 (TID 482)
19/02/20 20:32:00 INFO Executor: Running task 4.0 in stage 143.0 (TID 485)
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 143.0 (TID 481)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_102 stored as values in
memory (estimated size 10.0 KB, free 2.2 GB)
19/02/20 20:32:00 INFO Executor: Running task 7.0 in stage 143.0 (TID 488)
19/02/20 20:32:00 INFO Executor: Running task 6.0 in stage 143.0 (TID 487)
19/02/20 20:32:00 INFO Executor: Running task 5.0 in stage 143.0 (TID 486)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_102_piece0 stored as bytes
in memory (estimated size 4.8 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_102_piece0 in memory on
192.168.56.1:56546 (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:32:00 INFO SparkContext: Created broadcast 102 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 11 missing tasks from
ShuffleMapStage 145 (MapPartitionsRDD[370] at mapToPair at

MaximumProfitStock.java:43) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 145.0 with 11 tasks
19/02/20 20:32:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:32:00 INFO Executor: Finished task 6.0 in stage 143.0 (TID 487). 876 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 8.0 in stage 143.0 (TID 489, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 8.0 in stage 143.0 (TID 489)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 6.0 in stage 143.0 (TID 487) in 0 ms on localhost (executor driver) (1/11)
19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 143.0 (TID 481). 876 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 9.0 in stage 143.0 (TID 490, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 9.0 in stage 143.0 (TID 490)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 143.0 (TID 481) in 0 ms on localhost (executor driver) (2/11)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:32:00 INFO Executor: Finished task 1.0 in stage 143.0 (TID 482). 876 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 10.0 in stage 143.0 (TID 491, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:32:00 INFO Executor: Running task 10.0 in stage 143.0 (TID 491)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 1.0 in stage 143.0 (TID 482) in 0 ms on localhost (executor driver) (3/11)
19/02/20 20:32:00 INFO Executor: Finished task 5.0 in stage 143.0 (TID 486). 876 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 145.0 (TID 492, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 5.0 in stage 143.0 (TID 486) in 0 ms on localhost (executor driver) (4/11)
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 145.0 (TID 492)
19/02/20 20:32:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550674896.1628573.json:0+681
19/02/20 20:32:00 INFO Executor: Finished task 7.0 in stage 143.0 (TID 488). 876 bytes result sent to driver
19/02/20 20:32:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:32:00 INFO TaskSetManager: Starting task 1.0 in stage 145.0 (TID 493, localhost, executor driver, partition 1, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 7.0 in stage 143.0 (TID 488) in 16 ms on localhost (executor driver) (5/11)
19/02/20 20:32:00 INFO Executor: Running task 1.0 in stage 145.0 (TID 493)
19/02/20 20:32:00 INFO Executor: Finished task 3.0 in stage 143.0 (TID 484). 962 bytes result sent to driver
19/02/20 20:32:00 INFO MemoryStore: Block rdd_361_0 stored as bytes in memory (estimated size 685.0 B, free 2.2 GB)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 2.0 in stage 145.0 (TID 494, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO BlockManagerInfo: Added rdd_361_0 in memory on 192.168.56.1:56546 (size: 685.0 B, free: 2.2 GB)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 3.0 in stage 143.0 (TID 484) in 16 ms on localhost (executor driver) (6/11)
19/02/20 20:32:00 INFO Executor: Running task 2.0 in stage 145.0 (TID 494)
19/02/20 20:32:00 INFO Executor: Finished task 4.0 in stage 143.0 (TID 485). 919 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 3.0 in stage 145.0 (TID 495, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:32:00 INFO TaskSetManager: Finished task 4.0 in stage 143.0 (TID 485) in 16 ms on localhost (executor driver) (7/11)
19/02/20 20:32:00 INFO Executor: Running task 3.0 in stage 145.0 (TID 495)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_211_0 locally

19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 145.0 (TID 492). 962 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 4.0 in stage 145.0 (TID 496, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 145.0 (TID 492) in 16 ms on localhost (executor driver) (1/11)
19/02/20 20:32:00 INFO Executor: Running task 4.0 in stage 145.0 (TID 496)
19/02/20 20:32:00 INFO Executor: Finished task 9.0 in stage 143.0 (TID 490). 919 bytes result sent to driver
19/02/20 20:32:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:32:00 INFO TaskSetManager: Starting task 5.0 in stage 145.0 (TID 497, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 5.0 in stage 145.0 (TID 497)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 9.0 in stage 143.0 (TID 490) in 16 ms on localhost (executor driver) (8/11)
19/02/20 20:32:00 INFO Executor: Finished task 8.0 in stage 143.0 (TID 489). 919 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 6.0 in stage 145.0 (TID 498, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 6.0 in stage 145.0 (TID 498)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 8.0 in stage 143.0 (TID 489) in 16 ms on localhost (executor driver) (9/11)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:32:00 INFO Executor: Finished task 2.0 in stage 143.0 (TID 483). 919 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 7.0 in stage 145.0 (TID 499, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 7.0 in stage 145.0 (TID 499)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 2.0 in stage 143.0 (TID 483) in 16 ms on localhost (executor driver) (10/11)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:32:00 INFO Executor: Finished task 3.0 in stage 145.0 (TID 495). 876 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 8.0 in stage 145.0 (TID 500, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 8.0 in stage 145.0 (TID 500)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 3.0 in stage 145.0 (TID 495) in 0 ms on localhost (executor driver) (2/11)
19/02/20 20:32:00 INFO Executor: Finished task 2.0 in stage 145.0 (TID 494). 876 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 9.0 in stage 145.0 (TID 501, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 9.0 in stage 145.0 (TID 501)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 2.0 in stage 145.0 (TID 494) in 16 ms on localhost (executor driver) (3/11)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:32:00 INFO Executor: Finished task 10.0 in stage 143.0 (TID 491). 1659 bytes result sent to driver
19/02/20 20:32:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:32:00 INFO TaskSetManager: Starting task 10.0 in stage 145.0 (TID 502, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 10.0 in stage 145.0 (TID 502)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 10.0 in stage 143.0 (TID 491) in 32 ms on localhost (executor driver) (11/11)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 143.0, whose tasks have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ShuffleMapStage 143 (mapToPair at MaximumProfitStock.java:26) finished in 0.032 s
19/02/20 20:32:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:32:00 INFO DAGScheduler: running: Set(ShuffleMapStage 145)
19/02/20 20:32:00 INFO DAGScheduler: waiting: Set(ResultStage 147, ShuffleMapStage 144, ShuffleMapStage 146)

19/02/20 20:32:00 INFO DAGScheduler: failed: Set()
19/02/20 20:32:00 INFO DAGScheduler: Submitting ShuffleMapStage 144
(MapPartitionsRDD[369] at mapToPair at MaximumProfitStock.java:75), which has no
missing parents
19/02/20 20:32:00 INFO Executor: Finished task 1.0 in stage 145.0 (TID 493). 919
bytes result sent to driver
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_103 stored as values in
memory (estimated size 4.7 KB, free 2.2 GB)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 1.0 in stage 145.0 (TID
493) in 16 ms on localhost (executor driver) (4/11)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_103_piece0 stored as bytes
in memory (estimated size 2.7 KB, free 2.2 GB)
19/02/20 20:32:00 INFO Executor: Finished task 7.0 in stage 145.0 (TID 499). 962
bytes result sent to driver
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_103_piece0 in memory on
192.168.56.1:56546 (size: 2.7 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 7.0 in stage 145.0 (TID
499) in 16 ms on localhost (executor driver) (5/11)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 103 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 8 missing tasks from
ShuffleMapStage 144 (MapPartitionsRDD[369] at mapToPair at
MaximumProfitStock.java:75) (first 15 tasks are for partitions Vector(0, 1, 2,
3, 4, 5, 6, 7))
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 144.0 with 8 tasks
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 144.0 (TID
503, localhost, executor driver, partition 0, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 1.0 in stage 144.0 (TID
504, localhost, executor driver, partition 1, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:32:00 INFO Executor: Running task 1.0 in stage 144.0 (TID 504)
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 144.0 (TID 503)
19/02/20 20:32:00 INFO Executor: Finished task 6.0 in stage 145.0 (TID 498). 919
bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 2.0 in stage 144.0 (TID
505, localhost, executor driver, partition 2, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 6.0 in stage 145.0 (TID
498) in 16 ms on localhost (executor driver) (6/11)
19/02/20 20:32:00 INFO Executor: Running task 2.0 in stage 144.0 (TID 505)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:32:00 INFO Executor: Finished task 5.0 in stage 145.0 (TID 497). 919
bytes result sent to driver
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:32:00 INFO TaskSetManager: Starting task 3.0 in stage 144.0 (TID
506, localhost, executor driver, partition 3, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:32:00 INFO Executor: Running task 3.0 in stage 144.0 (TID 506)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 5.0 in stage 145.0 (TID
497) in 16 ms on localhost (executor driver) (7/11)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:32:00 INFO Executor: Finished task 4.0 in stage 145.0 (TID 496). 919
bytes result sent to driver

19/02/20 20:32:00 INFO TaskSetManager: Starting task 5.0 in stage 144.0 (TID 507, localhost, executor driver, partition 5, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:32:00 INFO Executor: Running task 5.0 in stage 144.0 (TID 507)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 4.0 in stage 145.0 (TID 496) in 16 ms on localhost (executor driver) (8/11)
19/02/20 20:32:00 INFO Executor: Finished task 10.0 in stage 145.0 (TID 502). 876 bytes result sent to driver
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO TaskSetManager: Starting task 7.0 in stage 144.0 (TID 508, localhost, executor driver, partition 7, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:32:00 INFO Executor: Running task 7.0 in stage 144.0 (TID 508)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 10.0 in stage 145.0 (TID 502) in 0 ms on localhost (executor driver) (9/11)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO Executor: Finished task 9.0 in stage 145.0 (TID 501). 876 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 4.0 in stage 144.0 (TID 509, localhost, executor driver, partition 4, ANY, 4610 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 9.0 in stage 145.0 (TID 501) in 0 ms on localhost (executor driver) (10/11)
19/02/20 20:32:00 INFO Executor: Running task 4.0 in stage 144.0 (TID 509)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO Executor: Finished task 8.0 in stage 145.0 (TID 500). 962 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 6.0 in stage 144.0 (TID 510, localhost, executor driver, partition 6, ANY, 4610 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 8.0 in stage 145.0 (TID 500) in 16 ms on localhost (executor driver) (11/11)
19/02/20 20:32:00 INFO Executor: Running task 6.0 in stage 144.0 (TID 510)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 145.0, whose tasks have all completed, from pool
19/02/20 20:32:00 INFO Executor: Finished task 5.0 in stage 144.0 (TID 507). 919 bytes result sent to driver
19/02/20 20:32:00 INFO DAGScheduler: ShuffleMapStage 145 (mapToPair at MaximumProfitStock.java:43) finished in 0.032 s
19/02/20 20:32:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:32:00 INFO DAGScheduler: running: Set(ShuffleMapStage 144)
19/02/20 20:32:00 INFO DAGScheduler: waiting: Set(ResultStage 147, ShuffleMapStage 146)
19/02/20 20:32:00 INFO DAGScheduler: failed: Set()
19/02/20 20:32:00 INFO DAGScheduler: Submitting ShuffleMapStage 146 (MapPartitionsRDD[372] at mapToPair at MaximumProfitStock.java:94), which has no missing parents
19/02/20 20:32:00 INFO TaskSetManager: Finished task 5.0 in stage 144.0 (TID 507) in 15 ms on localhost (executor driver) (1/8)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO Executor: Finished task 3.0 in stage 144.0 (TID 506). 919 bytes result sent to driver
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_104 stored as values in memory (estimated size 4.7 KB, free 2.2 GB)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 3.0 in stage 144.0 (TID 506) in 15 ms on localhost (executor driver) (2/8)

19/02/20 20:32:00 INFO Executor: Finished task 2.0 in stage 144.0 (TID 505). 1005 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 2.0 in stage 144.0 (TID 505) in 15 ms on localhost (executor driver) (3/8)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_104_piece0 stored as bytes in memory (estimated size 2.7 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_104_piece0 in memory on 192.168.56.1:56546 (size: 2.7 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 104 from broadcast at DAGScheduler.scala:1006
19/02/20 20:32:00 INFO Executor: Finished task 1.0 in stage 144.0 (TID 504). 962 bytes result sent to driver
19/02/20 20:32:00 INFO DAGScheduler: Submitting 8 missing tasks from ShuffleMapStage 146 (MapPartitionsRDD[372] at mapToPair at MaximumProfitStock.java:94) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7))
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 146.0 with 8 tasks
19/02/20 20:32:00 INFO TaskSetManager: Finished task 1.0 in stage 144.0 (TID 504) in 15 ms on localhost (executor driver) (4/8)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 146.0 (TID 511, localhost, executor driver, partition 0, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 1.0 in stage 146.0 (TID 512, localhost, executor driver, partition 1, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 2.0 in stage 146.0 (TID 513, localhost, executor driver, partition 2, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 3.0 in stage 146.0 (TID 514, localhost, executor driver, partition 3, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 146.0 (TID 511)
19/02/20 20:32:00 INFO Executor: Running task 1.0 in stage 146.0 (TID 512)
19/02/20 20:32:00 INFO Executor: Finished task 7.0 in stage 144.0 (TID 508). 962 bytes result sent to driver
19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 144.0 (TID 503). 962 bytes result sent to driver
19/02/20 20:32:00 INFO Executor: Running task 2.0 in stage 146.0 (TID 513)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO Executor: Running task 3.0 in stage 146.0 (TID 514)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO TaskSetManager: Starting task 5.0 in stage 146.0 (TID 515, localhost, executor driver, partition 5, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 7.0 in stage 146.0 (TID 516, localhost, executor driver, partition 7, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:32:00 INFO Executor: Running task 5.0 in stage 146.0 (TID 515)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO TaskSetManager: Finished task 7.0 in stage 144.0 (TID 508) in 15 ms on localhost (executor driver) (5/8)
19/02/20 20:32:00 INFO Executor: Running task 7.0 in stage 146.0 (TID 516)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 144.0 (TID 503) in 15 ms on localhost (executor driver) (6/8)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in

0 ms
19/02/20 20:32:00 INFO Executor: Finished task 1.0 in stage 146.0 (TID 512). 919 bytes result sent to driver
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO TaskSetManager: Starting task 4.0 in stage 146.0 (TID 517, localhost, executor driver, partition 4, ANY, 4610 bytes)
19/02/20 20:32:00 INFO Executor: Running task 4.0 in stage 146.0 (TID 517)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 1.0 in stage 146.0 (TID 512) in 0 ms on localhost (executor driver) (1/8)
19/02/20 20:32:00 INFO Executor: Finished task 2.0 in stage 146.0 (TID 513). 919 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 6.0 in stage 146.0 (TID 518, localhost, executor driver, partition 6, ANY, 4610 bytes)
19/02/20 20:32:00 INFO Executor: Running task 6.0 in stage 146.0 (TID 518)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 2.0 in stage 146.0 (TID 513) in 0 ms on localhost (executor driver) (2/8)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 146.0 (TID 511). 919 bytes result sent to driver
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 146.0 (TID 511) in 0 ms on localhost (executor driver) (3/8)
19/02/20 20:32:00 INFO Executor: Finished task 7.0 in stage 146.0 (TID 516). 919 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 7.0 in stage 146.0 (TID 516) in 0 ms on localhost (executor driver) (4/8)
19/02/20 20:32:00 INFO Executor: Finished task 3.0 in stage 146.0 (TID 514). 919 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 3.0 in stage 146.0 (TID 514) in 0 ms on localhost (executor driver) (5/8)
19/02/20 20:32:00 INFO Executor: Finished task 5.0 in stage 146.0 (TID 515). 919 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 5.0 in stage 146.0 (TID 515) in 16 ms on localhost (executor driver) (6/8)
19/02/20 20:32:00 INFO Executor: Finished task 4.0 in stage 144.0 (TID 509). 1177 bytes result sent to driver
19/02/20 20:32:00 INFO Executor: Finished task 6.0 in stage 144.0 (TID 510). 1177 bytes result sent to driver
19/02/20 20:32:00 INFO BlockManagerInfo: Removed broadcast_93_piece0 on 192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 4.0 in stage 144.0 (TID 509) in 31 ms on localhost (executor driver) (7/8)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 6.0 in stage 144.0 (TID 510) in 31 ms on localhost (executor driver) (8/8)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 144.0, whose tasks have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ShuffleMapStage 144 (mapToPair at MaximumProfitStock.java:75) finished in 0.031 s
19/02/20 20:32:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:32:00 INFO DAGScheduler: running: Set(ShuffleMapStage 146)
19/02/20 20:32:00 INFO DAGScheduler: waiting: Set(ResultStage 147)
19/02/20 20:32:00 INFO DAGScheduler: failed: Set()
19/02/20 20:32:00 INFO BlockManagerInfo: Removed broadcast_94_piece0 on 192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Removed broadcast_95_piece0 on

192.168.56.1:56546 in memory (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO ContextCleaner: Cleaned shuffle 36
19/02/20 20:32:00 INFO BlockManagerInfo: Removed broadcast_102_piece0 on
192.168.56.1:56546 in memory (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO ContextCleaner: Cleaned shuffle 34
19/02/20 20:32:00 INFO ContextCleaner: Cleaned shuffle 35
19/02/20 20:32:00 INFO BlockManagerInfo: Removed broadcast_90_piece0 on
192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Removed broadcast_99_piece0 on
192.168.56.1:56546 in memory (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Removed broadcast_97_piece0 on
192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO ContextCleaner: Cleaned shuffle 32
19/02/20 20:32:00 INFO BlockManagerInfo: Removed broadcast_98_piece0 on
192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO ContextCleaner: Cleaned shuffle 33
19/02/20 20:32:00 INFO BlockManagerInfo: Removed broadcast_89_piece0 on
192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Removed broadcast_101_piece0 on
192.168.56.1:56546 in memory (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO ContextCleaner: Cleaned shuffle 37
19/02/20 20:32:00 INFO BlockManagerInfo: Removed broadcast_91_piece0 on
192.168.56.1:56546 in memory (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO Executor: Finished task 4.0 in stage 146.0 (TID 517).
1177 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 4.0 in stage 146.0 (TID
517) in 31 ms on localhost (executor driver) (7/8)
19/02/20 20:32:00 INFO Executor: Finished task 6.0 in stage 146.0 (TID 518).
1177 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 6.0 in stage 146.0 (TID
518) in 31 ms on localhost (executor driver) (8/8)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 146.0, whose tasks
have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ShuffleMapStage 146 (mapToPair at
MaximumProfitStock.java:94) finished in 0.031 s
19/02/20 20:32:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:32:00 INFO DAGScheduler: running: Set()
19/02/20 20:32:00 INFO DAGScheduler: waiting: Set(ResultStage 147)
19/02/20 20:32:00 INFO DAGScheduler: failed: Set()
19/02/20 20:32:00 INFO DAGScheduler: Submitting ResultStage 147
(MapPartitionsRDD[379] at sortByKey at MaximumProfitStock.java:141), which has
no missing parents
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_105 stored as values in
memory (estimated size 5.6 KB, free 2.2 GB)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_105_piece0 stored as bytes
in memory (estimated size 3.0 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_105_piece0 in memory on
192.168.56.1:56546 (size: 3.0 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 105 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 8 missing tasks from ResultStage
147 (MapPartitionsRDD[379] at sortByKey at MaximumProfitStock.java:141) (first
15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7))
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 147.0 with 8 tasks
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 147.0 (TID
519, localhost, executor driver, partition 0, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 1.0 in stage 147.0 (TID
520, localhost, executor driver, partition 1, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 2.0 in stage 147.0 (TID
521, localhost, executor driver, partition 2, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 3.0 in stage 147.0 (TID
522, localhost, executor driver, partition 3, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 4.0 in stage 147.0 (TID
523, localhost, executor driver, partition 4, PROCESS_LOCAL, 4684 bytes)

19/02/20 20:32:00 INFO TaskSetManager: Starting task 5.0 in stage 147.0 (TID 524, localhost, executor driver, partition 5, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 6.0 in stage 147.0 (TID 525, localhost, executor driver, partition 6, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 7.0 in stage 147.0 (TID 526, localhost, executor driver, partition 7, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:32:00 INFO Executor: Running task 1.0 in stage 147.0 (TID 520)
19/02/20 20:32:00 INFO Executor: Running task 4.0 in stage 147.0 (TID 523)
19/02/20 20:32:00 INFO Executor: Running task 6.0 in stage 147.0 (TID 525)
19/02/20 20:32:00 INFO Executor: Running task 7.0 in stage 147.0 (TID 526)
19/02/20 20:32:00 INFO Executor: Running task 5.0 in stage 147.0 (TID 524)
19/02/20 20:32:00 INFO Executor: Running task 2.0 in stage 147.0 (TID 521)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 147.0 (TID 519)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO Executor: Finished task 1.0 in stage 147.0 (TID 520). 911 bytes result sent to driver
19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 147.0 (TID 519). 911 bytes result sent to driver
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in

0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO Executor: Running task 3.0 in stage 147.0 (TID 522)
19/02/20 20:32:00 INFO Executor: Finished task 2.0 in stage 147.0 (TID 521). 911 bytes result sent to driver
19/02/20 20:32:00 INFO Executor: Finished task 7.0 in stage 147.0 (TID 526). 911 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 1.0 in stage 147.0 (TID 520) in 0 ms on localhost (executor driver) (1/8)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 147.0 (TID 519) in 0 ms on localhost (executor driver) (2/8)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 2.0 in stage 147.0 (TID 521) in 0 ms on localhost (executor driver) (3/8)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 7.0 in stage 147.0 (TID 526) in 0 ms on localhost (executor driver) (4/8)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO Executor: Finished task 5.0 in stage 147.0 (TID 524). 911 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 5.0 in stage 147.0 (TID 524) in 0 ms on localhost (executor driver) (5/8)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO Executor: Finished task 6.0 in stage 147.0 (TID 525). 920 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 6.0 in stage 147.0 (TID 525) in 0 ms on localhost (executor driver) (6/8)
19/02/20 20:32:00 INFO Executor: Finished task 3.0 in stage 147.0 (TID 522). 911 bytes result sent to driver
19/02/20 20:32:00 INFO Executor: Finished task 4.0 in stage 147.0 (TID 523). 938 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 3.0 in stage 147.0 (TID 522) in 0 ms on localhost (executor driver) (7/8)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 4.0 in stage 147.0 (TID 523) in 0 ms on localhost (executor driver) (8/8)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 147.0, whose tasks have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ResultStage 147 (sortByKey at MaximumProfitStock.java:141) finished in 0.000 s
19/02/20 20:32:00 INFO DAGScheduler: Job 39 finished: sortByKey at MaximumProfitStock.java:141, took 0.112823 s
19/02/20 20:32:00 INFO MappedDStream: Slicing from 1550674380000 ms to 1550674920000 ms (aligned to 1550674380000 ms and 1550674920000 ms)
19/02/20 20:32:00 INFO MappedDStream: Slicing from 1550674380000 ms to 1550674920000 ms (aligned to 1550674380000 ms and 1550674920000 ms)
19/02/20 20:32:00 INFO SparkContext: Starting job: sortByKey at TradingVolume.java:63
19/02/20 20:32:00 INFO DAGScheduler: Registering RDD 394 (mapToPair at TradingVolume.java:28)
19/02/20 20:32:00 INFO DAGScheduler: Got job 40 (sortByKey at TradingVolume.java:63) with 8 output partitions
19/02/20 20:32:00 INFO DAGScheduler: Final stage: ResultStage 149 (sortByKey at TradingVolume.java:63)

19/02/20 20:32:00 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 148)
19/02/20 20:32:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 148)
19/02/20 20:32:00 INFO DAGScheduler: Submitting ShuffleMapStage 148
(MapPartitionsRDD[394] at mapToPair at TradingVolume.java:28), which has no
missing parents
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_106 stored as values in
memory (estimated size 10.0 KB, free 2.2 GB)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_106_piece0 stored as bytes
in memory (estimated size 4.8 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_106_piece0 in memory on
192.168.56.1:56546 (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 106 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 11 missing tasks from
ShuffleMapStage 148 (MapPartitionsRDD[394] at mapToPair at
TradingVolume.java:28) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4,
5, 6, 7, 8, 9, 10))
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 148.0 with 11 tasks
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 148.0 (TID
527, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 1.0 in stage 148.0 (TID
528, localhost, executor driver, partition 1, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 2.0 in stage 148.0 (TID
529, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 3.0 in stage 148.0 (TID
530, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 4.0 in stage 148.0 (TID
531, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 5.0 in stage 148.0 (TID
532, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 6.0 in stage 148.0 (TID
533, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 7.0 in stage 148.0 (TID
534, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 7.0 in stage 148.0 (TID 534)
19/02/20 20:32:00 INFO Executor: Running task 5.0 in stage 148.0 (TID 532)
19/02/20 20:32:00 INFO Executor: Running task 6.0 in stage 148.0 (TID 533)
19/02/20 20:32:00 INFO Executor: Running task 4.0 in stage 148.0 (TID 531)
19/02/20 20:32:00 INFO Executor: Running task 3.0 in stage 148.0 (TID 530)
19/02/20 20:32:00 INFO Executor: Running task 1.0 in stage 148.0 (TID 528)
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 148.0 (TID 527)
19/02/20 20:32:00 INFO Executor: Running task 2.0 in stage 148.0 (TID 529)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:32:00 INFO Executor: Finished task 2.0 in stage 148.0 (TID 529). 876
bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 8.0 in stage 148.0 (TID
535, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 8.0 in stage 148.0 (TID 535)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 2.0 in stage 148.0 (TID
529) in 0 ms on localhost (executor driver) (1/11)
19/02/20 20:32:00 INFO Executor: Finished task 5.0 in stage 148.0 (TID 532). 876
bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 9.0 in stage 148.0 (TID
536, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 9.0 in stage 148.0 (TID 536)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 5.0 in stage 148.0 (TID

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532) in 0 ms on localhost (executor driver) (2/11)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:32:00 INFO Executor: Finished task 4.0 in stage 148.0 (TID 531). 876
bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 10.0 in stage 148.0 (TID
537, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 4.0 in stage 148.0 (TID
531) in 0 ms on localhost (executor driver) (3/11)
19/02/20 20:32:00 INFO Executor: Running task 10.0 in stage 148.0 (TID 537)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:32:00 INFO Executor: Finished task 1.0 in stage 148.0 (TID 528). 876
bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 1.0 in stage 148.0 (TID
528) in 0 ms on localhost (executor driver) (4/11)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 148.0 (TID 527). 876
bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 148.0 (TID
527) in 0 ms on localhost (executor driver) (5/11)
19/02/20 20:32:00 INFO Executor: Finished task 3.0 in stage 148.0 (TID 530). 962
bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 3.0 in stage 148.0 (TID
530) in 16 ms on localhost (executor driver) (6/11)
19/02/20 20:32:00 INFO Executor: Finished task 7.0 in stage 148.0 (TID 534). 919
bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 7.0 in stage 148.0 (TID
534) in 16 ms on localhost (executor driver) (7/11)
19/02/20 20:32:00 INFO Executor: Finished task 6.0 in stage 148.0 (TID 533). 919
bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 6.0 in stage 148.0 (TID
533) in 16 ms on localhost (executor driver) (8/11)
19/02/20 20:32:00 INFO Executor: Finished task 10.0 in stage 148.0 (TID 537).
962 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 10.0 in stage 148.0 (TID
537) in 16 ms on localhost (executor driver) (9/11)
19/02/20 20:32:00 INFO Executor: Finished task 9.0 in stage 148.0 (TID 536). 919
bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 9.0 in stage 148.0 (TID
536) in 16 ms on localhost (executor driver) (10/11)
19/02/20 20:32:00 INFO Executor: Finished task 8.0 in stage 148.0 (TID 535). 919
bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 8.0 in stage 148.0 (TID
535) in 16 ms on localhost (executor driver) (11/11)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 148.0, whose tasks
have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ShuffleMapStage 148 (mapToPair at
TradingVolume.java:28) finished in 0.016 s
19/02/20 20:32:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:32:00 INFO DAGScheduler: running: Set()
19/02/20 20:32:00 INFO DAGScheduler: waiting: Set(ResultStage 149)
19/02/20 20:32:00 INFO DAGScheduler: failed: Set()
19/02/20 20:32:00 INFO DAGScheduler: Submitting ResultStage 149
(MapPartitionsRDD[398] at sortByKey at TradingVolume.java:63), which has no
missing parents
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_107 stored as values in
memory (estimated size 5.3 KB, free 2.2 GB)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_107_piece0 stored as bytes
in memory (estimated size 3.0 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_107_piece0 in memory on
192.168.56.1:56546 (size: 3.0 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 107 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 8 missing tasks from ResultStage
149 (MapPartitionsRDD[398] at sortByKey at TradingVolume.java:63) (first 15

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tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7))

19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 149.0 with 8 tasks

19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 149.0 (TID 538, localhost, executor driver, partition 0, PROCESS_LOCAL, 4621 bytes)

19/02/20 20:32:00 INFO TaskSetManager: Starting task 1.0 in stage 149.0 (TID 539, localhost, executor driver, partition 1, PROCESS_LOCAL, 4621 bytes)

19/02/20 20:32:00 INFO TaskSetManager: Starting task 2.0 in stage 149.0 (TID 540, localhost, executor driver, partition 2, PROCESS_LOCAL, 4621 bytes)

19/02/20 20:32:00 INFO TaskSetManager: Starting task 3.0 in stage 149.0 (TID 541, localhost, executor driver, partition 3, PROCESS_LOCAL, 4621 bytes)

19/02/20 20:32:00 INFO TaskSetManager: Starting task 5.0 in stage 149.0 (TID 542, localhost, executor driver, partition 5, PROCESS_LOCAL, 4621 bytes)

19/02/20 20:32:00 INFO TaskSetManager: Starting task 7.0 in stage 149.0 (TID 543, localhost, executor driver, partition 7, PROCESS_LOCAL, 4621 bytes)

19/02/20 20:32:00 INFO TaskSetManager: Starting task 4.0 in stage 149.0 (TID 544, localhost, executor driver, partition 4, ANY, 4621 bytes)

19/02/20 20:32:00 INFO TaskSetManager: Starting task 6.0 in stage 149.0 (TID 545, localhost, executor driver, partition 6, ANY, 4621 bytes)

19/02/20 20:32:00 INFO Executor: Running task 7.0 in stage 149.0 (TID 543)

19/02/20 20:32:00 INFO Executor: Running task 2.0 in stage 149.0 (TID 540)

19/02/20 20:32:00 INFO Executor: Running task 3.0 in stage 149.0 (TID 541)

19/02/20 20:32:00 INFO Executor: Running task 5.0 in stage 149.0 (TID 542)

19/02/20 20:32:00 INFO Executor: Running task 4.0 in stage 149.0 (TID 544)

19/02/20 20:32:00 INFO Executor: Running task 1.0 in stage 149.0 (TID 539)

19/02/20 20:32:00 INFO Executor: Running task 6.0 in stage 149.0 (TID 545)

19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 149.0 (TID 538)

19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks

19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms

19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks

19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms

19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks

19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms

19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks

19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks

19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks

19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks

19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms

19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms

19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks

19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms

19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms

19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms

19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 149.0 (TID 538). 911 bytes result sent to driver

19/02/20 20:32:00 INFO Executor: Finished task 1.0 in stage 149.0 (TID 539). 911 bytes result sent to driver

19/02/20 20:32:00 INFO Executor: Finished task 7.0 in stage 149.0 (TID 543). 911 bytes result sent to driver

19/02/20 20:32:00 INFO Executor: Finished task 5.0 in stage 149.0 (TID 542). 911 bytes result sent to driver
19/02/20 20:32:00 INFO Executor: Finished task 3.0 in stage 149.0 (TID 541). 911 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 149.0 (TID 538) in 0 ms on localhost (executor driver) (1/8)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 1.0 in stage 149.0 (TID 539) in 0 ms on localhost (executor driver) (2/8)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 5.0 in stage 149.0 (TID 542) in 0 ms on localhost (executor driver) (3/8)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 7.0 in stage 149.0 (TID 543) in 0 ms on localhost (executor driver) (4/8)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 3.0 in stage 149.0 (TID 541) in 0 ms on localhost (executor driver) (5/8)
19/02/20 20:32:00 INFO Executor: Finished task 2.0 in stage 149.0 (TID 540). 911 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 2.0 in stage 149.0 (TID 540) in 16 ms on localhost (executor driver) (6/8)
19/02/20 20:32:00 INFO Executor: Finished task 4.0 in stage 149.0 (TID 544). 1024 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 4.0 in stage 149.0 (TID 544) in 16 ms on localhost (executor driver) (7/8)
19/02/20 20:32:00 INFO Executor: Finished task 6.0 in stage 149.0 (TID 545). 1006 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 6.0 in stage 149.0 (TID 545) in 16 ms on localhost (executor driver) (8/8)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 149.0, whose tasks have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ResultStage 149 (sortByKey at TradingVolume.java:63) finished in 0.016 s
19/02/20 20:32:00 INFO DAGScheduler: Job 40 finished: sortByKey at TradingVolume.java:63, took 0.037077 s
19/02/20 20:32:00 INFO JobScheduler: Added jobs for time 1550674920000 ms
19/02/20 20:32:00 INFO JobScheduler: Starting job streaming job 1550674920000 ms.0 from job set of time 1550674920000 ms
19/02/20 20:32:00 INFO SparkContext: Starting job: saveAsTextFile at SimpleMovingAvgClosingPrice.java:59
19/02/20 20:32:00 INFO DAGScheduler: Registering RDD 364 (mapToPair at SimpleMovingAvgClosingPrice.java:30)
19/02/20 20:32:00 INFO DAGScheduler: Got job 41 (saveAsTextFile at SimpleMovingAvgClosingPrice.java:59) with 1 output partitions
19/02/20 20:32:00 INFO DAGScheduler: Final stage: ResultStage 151 (saveAsTextFile at SimpleMovingAvgClosingPrice.java:59)
19/02/20 20:32:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 150)
19/02/20 20:32:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 150)
19/02/20 20:32:00 INFO DAGScheduler: Submitting ShuffleMapStage 150 (MapPartitionsRDD[364] at mapToPair at SimpleMovingAvgClosingPrice.java:30), which has no missing parents
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_108 stored as values in memory (estimated size 10.0 KB, free 2.2 GB)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_108_piece0 stored as bytes in memory (estimated size 4.8 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_108_piece0 in memory on 192.168.56.1:56546 (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 108 from broadcast at DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 150 (MapPartitionsRDD[364] at mapToPair at SimpleMovingAvgClosingPrice.java:30) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 150.0 with 11 tasks
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 150.0 (TID 546, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:32:00 INFO TaskSetManager: Starting task 1.0 in stage 150.0 (TID 547, localhost, executor driver, partition 1, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 2.0 in stage 150.0 (TID 548, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 3.0 in stage 150.0 (TID 549, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 4.0 in stage 150.0 (TID 550, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 5.0 in stage 150.0 (TID 551, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 6.0 in stage 150.0 (TID 552, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 7.0 in stage 150.0 (TID 553, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 1.0 in stage 150.0 (TID 547)
19/02/20 20:32:00 INFO Executor: Running task 3.0 in stage 150.0 (TID 549)
19/02/20 20:32:00 INFO Executor: Running task 6.0 in stage 150.0 (TID 552)
19/02/20 20:32:00 INFO Executor: Running task 2.0 in stage 150.0 (TID 548)
19/02/20 20:32:00 INFO Executor: Running task 5.0 in stage 150.0 (TID 551)
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 150.0 (TID 546)
19/02/20 20:32:00 INFO Executor: Running task 4.0 in stage 150.0 (TID 550)
19/02/20 20:32:00 INFO Executor: Running task 7.0 in stage 150.0 (TID 553)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:32:00 INFO Executor: Finished task 6.0 in stage 150.0 (TID 552). 876 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 8.0 in stage 150.0 (TID 554, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 8.0 in stage 150.0 (TID 554)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 6.0 in stage 150.0 (TID 552) in 0 ms on localhost (executor driver) (1/11)
19/02/20 20:32:00 INFO Executor: Finished task 4.0 in stage 150.0 (TID 550). 876 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 9.0 in stage 150.0 (TID 555, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 9.0 in stage 150.0 (TID 555)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 4.0 in stage 150.0 (TID 550) in 15 ms on localhost (executor driver) (2/11)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:32:00 INFO Executor: Finished task 2.0 in stage 150.0 (TID 548). 876 bytes result sent to driver
19/02/20 20:32:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:32:00 INFO TaskSetManager: Starting task 10.0 in stage 150.0 (TID 556, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 2.0 in stage 150.0 (TID 548) in 15 ms on localhost (executor driver) (3/11)
19/02/20 20:32:00 INFO Executor: Running task 10.0 in stage 150.0 (TID 556)
19/02/20 20:32:00 INFO Executor: Finished task 5.0 in stage 150.0 (TID 551). 876 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 5.0 in stage 150.0 (TID 551) in 0 ms on localhost (executor driver) (4/11)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:32:00 INFO Executor: Finished task 1.0 in stage 150.0 (TID 547). 876 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 1.0 in stage 150.0 (TID 547) in 15 ms on localhost (executor driver) (5/11)
19/02/20 20:32:00 INFO Executor: Finished task 7.0 in stage 150.0 (TID 553). 876 bytes result sent to driver

19/02/20 20:32:00 INFO TaskSetManager: Finished task 7.0 in stage 150.0 (TID 553) in 0 ms on localhost (executor driver) (6/11)
19/02/20 20:32:00 INFO Executor: Finished task 3.0 in stage 150.0 (TID 549). 876 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 3.0 in stage 150.0 (TID 549) in 15 ms on localhost (executor driver) (7/11)
19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 150.0 (TID 546). 876 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 150.0 (TID 546) in 31 ms on localhost (executor driver) (8/11)
19/02/20 20:32:00 INFO Executor: Finished task 10.0 in stage 150.0 (TID 556). 962 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 10.0 in stage 150.0 (TID 556) in 16 ms on localhost (executor driver) (9/11)
19/02/20 20:32:00 INFO Executor: Finished task 8.0 in stage 150.0 (TID 554). 919 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 8.0 in stage 150.0 (TID 554) in 16 ms on localhost (executor driver) (10/11)
19/02/20 20:32:00 INFO Executor: Finished task 9.0 in stage 150.0 (TID 555). 919 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 9.0 in stage 150.0 (TID 555) in 16 ms on localhost (executor driver) (11/11)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 150.0, whose tasks have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ShuffleMapStage 150 (mapToPair at SimpleMovingAvgClosingPrice.java:30) finished in 0.031 s
19/02/20 20:32:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:32:00 INFO DAGScheduler: running: Set()
19/02/20 20:32:00 INFO DAGScheduler: waiting: Set(ResultStage 151)
19/02/20 20:32:00 INFO DAGScheduler: failed: Set()
19/02/20 20:32:00 INFO DAGScheduler: Submitting ResultStage 151 (MapPartitionsRDD[401] at saveAsTextFile at SimpleMovingAvgClosingPrice.java:59), which has no missing parents
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_109 stored as values in memory (estimated size 51.7 KB, free 2.2 GB)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_109_piece0 stored as bytes in memory (estimated size 18.7 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_109_piece0 in memory on 192.168.56.1:56546 (size: 18.7 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 109 from broadcast at DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 151 (MapPartitionsRDD[401] at saveAsTextFile at SimpleMovingAvgClosingPrice.java:59) (first 15 tasks are for partitions Vector(0))
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 151.0 with 1 tasks
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 151.0 (TID 557, localhost, executor driver, partition 0, ANY, 5023 bytes)
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 151.0 (TID 557)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in

0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO FileOutputCommitter: Saved output of task 'attempt_20190220203200_0151_m_000000_557' to file:/C:/Users/Public/output/Analyses1_SMA_1550674920225/_temporary/0/task_20190220203200_0151_m_000000
19/02/20 20:32:00 INFO SparkHadoopMapRedUtil: attempt_20190220203200_0151_m_000000_557: Committed
19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 151.0 (TID 557). 1053 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 151.0 (TID 557) in 109 ms on localhost (executor driver) (1/1)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 151.0, whose tasks have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ResultStage 151 (saveAsTextFile at SimpleMovingAvgClosingPrice.java:59) finished in 0.109 s
19/02/20 20:32:00 INFO DAGScheduler: Job 41 finished: saveAsTextFile at SimpleMovingAvgClosingPrice.java:59, took 0.142657 s
19/02/20 20:32:00 INFO JobScheduler: Finished job streaming job 1550674920000 ms.0 from job set of time 1550674920000 ms
19/02/20 20:32:00 INFO JobScheduler: Starting job streaming job 1550674920000 ms.1 from job set of time 1550674920000 ms
19/02/20 20:32:00 INFO SparkContext: Starting job: print at SimpleMovingAvgClosingPrice.java:61
19/02/20 20:32:00 INFO DAGScheduler: Got job 42 (print at SimpleMovingAvgClosingPrice.java:61) with 1 output partitions
19/02/20 20:32:00 INFO DAGScheduler: Final stage: ResultStage 152 (print at SimpleMovingAvgClosingPrice.java:61)
19/02/20 20:32:00 INFO DAGScheduler: Parents of final stage: List()
19/02/20 20:32:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:32:00 INFO DAGScheduler: Submitting ResultStage 152 (MapPartitionsRDD[363] at flatMap at SparkAnalysesDriver.java:62), which has no missing parents
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_110 stored as values in memory (estimated size 8.0 KB, free 2.2 GB)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_110_piece0 stored as bytes in memory (estimated size 3.8 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_110_piece0 in memory on 192.168.56.1:56546 (size: 3.8 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 110 from broadcast at DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 152 (MapPartitionsRDD[363] at flatMap at SparkAnalysesDriver.java:62) (first 15 tasks are for partitions Vector(0))
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 152.0 with 1 tasks
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 152.0 (TID 558, localhost, executor driver, partition 0, PROCESS_LOCAL, 5048 bytes)
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 152.0 (TID 558)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_195_0 locally

19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 152.0 (TID 558). 875 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 152.0 (TID 558) in 0 ms on localhost (executor driver) (1/1)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 152.0, whose tasks have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ResultStage 152 (print at SimpleMovingAvgClosingPrice.java:61) finished in 0.000 s
19/02/20 20:32:00 INFO DAGScheduler: Job 42 finished: print at SimpleMovingAvgClosingPrice.java:61, took 0.006598 s
19/02/20 20:32:00 INFO SparkContext: Starting job: print at SimpleMovingAvgClosingPrice.java:61
19/02/20 20:32:00 INFO DAGScheduler: Got job 43 (print at SimpleMovingAvgClosingPrice.java:61) with 3 output partitions
19/02/20 20:32:00 INFO DAGScheduler: Final stage: ResultStage 153 (print at SimpleMovingAvgClosingPrice.java:61)
19/02/20 20:32:00 INFO DAGScheduler: Parents of final stage: List()
19/02/20 20:32:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:32:00 INFO DAGScheduler: Submitting ResultStage 153 (MapPartitionsRDD[363] at flatMap at SparkAnalysesDriver.java:62), which has no missing parents
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_111 stored as values in memory (estimated size 8.0 KB, free 2.2 GB)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_111_piece0 stored as bytes in memory (estimated size 3.8 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_111_piece0 in memory on 192.168.56.1:56546 (size: 3.8 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 111 from broadcast at DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 3 missing tasks from ResultStage 153 (MapPartitionsRDD[363] at flatMap at SparkAnalysesDriver.java:62) (first 15 tasks are for partitions Vector(1, 2, 3))
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 153.0 with 3 tasks
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 153.0 (TID 559, localhost, executor driver, partition 1, PROCESS_LOCAL, 5046 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 1.0 in stage 153.0 (TID 560, localhost, executor driver, partition 2, PROCESS_LOCAL, 5048 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 2.0 in stage 153.0 (TID 561, localhost, executor driver, partition 3, PROCESS_LOCAL, 5048 bytes)
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 153.0 (TID 559)
19/02/20 20:32:00 INFO Executor: Running task 2.0 in stage 153.0 (TID 561)
19/02/20 20:32:00 INFO Executor: Running task 1.0 in stage 153.0 (TID 560)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:32:00 INFO Executor: Finished task 2.0 in stage 153.0 (TID 561). 875 bytes result sent to driver
19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 153.0 (TID 559). 875 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 2.0 in stage 153.0 (TID 561) in 16 ms on localhost (executor driver) (1/3)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 153.0 (TID 559) in 16 ms on localhost (executor driver) (2/3)
19/02/20 20:32:00 INFO Executor: Finished task 1.0 in stage 153.0 (TID 560). 875 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 1.0 in stage 153.0 (TID 560) in 16 ms on localhost (executor driver) (3/3)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 153.0, whose tasks have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ResultStage 153 (print at SimpleMovingAvgClosingPrice.java:61) finished in 0.016 s
19/02/20 20:32:00 INFO DAGScheduler: Job 43 finished: print at SimpleMovingAvgClosingPrice.java:61, took 0.007173 s
19/02/20 20:32:00 INFO JobScheduler: Finished job streaming job 1550674920000

ms.1 from job set of time 1550674920000 ms
19/02/20 20:32:00 INFO JobScheduler: Starting job streaming job 1550674920000
ms.2 from job set of time 1550674920000 ms
19/02/20 20:32:00 INFO SparkContext: Starting job: isEmpty at
MaximumProfitStock.java:152
19/02/20 20:32:00 INFO MapOutputTrackerMaster: Size of output statuses for
shuffle 42 is 164 bytes
19/02/20 20:32:00 INFO MapOutputTrackerMaster: Size of output statuses for
shuffle 43 is 164 bytes
19/02/20 20:32:00 INFO MapOutputTrackerMaster: Size of output statuses for
shuffle 41 is 165 bytes
19/02/20 20:32:00 INFO MapOutputTrackerMaster: Size of output statuses for
shuffle 40 is 165 bytes
19/02/20 20:32:00 INFO DAGScheduler: Registering RDD 377 (mapToPair at
MaximumProfitStock.java:140)
19/02/20 20:32:00 INFO DAGScheduler: Got job 44 (isEmpty at
MaximumProfitStock.java:152) with 1 output partitions
19/02/20 20:32:00 INFO DAGScheduler: Final stage: ResultStage 159 (isEmpty at
MaximumProfitStock.java:152)
19/02/20 20:32:00 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 158)
19/02/20 20:32:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 158)
19/02/20 20:32:00 INFO DAGScheduler: Submitting ShuffleMapStage 158
(MapPartitionsRDD[377] at mapToPair at MaximumProfitStock.java:140), which has
no missing parents
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_112 stored as values in
memory (estimated size 5.7 KB, free 2.2 GB)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_112_piece0 stored as bytes
in memory (estimated size 3.2 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_112_piece0 in memory on
192.168.56.1:56546 (size: 3.2 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 112 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 8 missing tasks from
ShuffleMapStage 158 (MapPartitionsRDD[377] at mapToPair at
MaximumProfitStock.java:140) (first 15 tasks are for partitions Vector(0, 1, 2,
3, 4, 5, 6, 7))
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 158.0 with 8 tasks
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 158.0 (TID
562, localhost, executor driver, partition 0, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 1.0 in stage 158.0 (TID
563, localhost, executor driver, partition 1, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 2.0 in stage 158.0 (TID
564, localhost, executor driver, partition 2, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 3.0 in stage 158.0 (TID
565, localhost, executor driver, partition 3, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 4.0 in stage 158.0 (TID
566, localhost, executor driver, partition 4, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 5.0 in stage 158.0 (TID
567, localhost, executor driver, partition 5, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 6.0 in stage 158.0 (TID
568, localhost, executor driver, partition 6, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 7.0 in stage 158.0 (TID
569, localhost, executor driver, partition 7, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:32:00 INFO Executor: Running task 3.0 in stage 158.0 (TID 565)
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 158.0 (TID 562)
19/02/20 20:32:00 INFO Executor: Running task 1.0 in stage 158.0 (TID 563)
19/02/20 20:32:00 INFO Executor: Running task 2.0 in stage 158.0 (TID 564)
19/02/20 20:32:00 INFO Executor: Running task 5.0 in stage 158.0 (TID 567)
19/02/20 20:32:00 INFO Executor: Running task 6.0 in stage 158.0 (TID 568)
19/02/20 20:32:00 INFO Executor: Running task 4.0 in stage 158.0 (TID 566)
19/02/20 20:32:00 INFO Executor: Running task 7.0 in stage 158.0 (TID 569)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 8 blocks

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19/02/20 20:32:00 INFO TaskSetManager: Finished task 2.0 in stage 158.0 (TID 564) in 16 ms on localhost (executor driver) (1/8)
19/02/20 20:32:00 INFO Executor: Finished task 7.0 in stage 158.0 (TID 569). 958 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 7.0 in stage 158.0 (TID 569) in 16 ms on localhost (executor driver) (2/8)
19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 158.0 (TID 562). 958 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 158.0 (TID 562) in 16 ms on localhost (executor driver) (3/8)
19/02/20 20:32:00 INFO Executor: Finished task 3.0 in stage 158.0 (TID 565). 958 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 3.0 in stage 158.0 (TID 565) in 16 ms on localhost (executor driver) (4/8)
19/02/20 20:32:00 INFO Executor: Finished task 1.0 in stage 158.0 (TID 563). 1001 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 1.0 in stage 158.0 (TID 563) in 16 ms on localhost (executor driver) (5/8)
19/02/20 20:32:00 INFO Executor: Finished task 5.0 in stage 158.0 (TID 567). 1001 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 5.0 in stage 158.0 (TID 567) in 16 ms on localhost (executor driver) (6/8)
19/02/20 20:32:00 INFO Executor: Finished task 4.0 in stage 158.0 (TID 566). 1130 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 4.0 in stage 158.0 (TID 566) in 16 ms on localhost (executor driver) (7/8)
19/02/20 20:32:00 INFO Executor: Finished task 6.0 in stage 158.0 (TID 568). 1130 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 6.0 in stage 158.0 (TID 568) in 16 ms on localhost (executor driver) (8/8)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 158.0, whose tasks have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ShuffleMapStage 158 (mapToPair at MaximumProfitStock.java:140) finished in 0.016 s
19/02/20 20:32:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:32:00 INFO DAGScheduler: running: Set()
19/02/20 20:32:00 INFO DAGScheduler: waiting: Set(ResultStage 159)
19/02/20 20:32:00 INFO DAGScheduler: failed: Set()
19/02/20 20:32:00 INFO DAGScheduler: Submitting ResultStage 159 (ShuffledRDD[380] at sortByKey at MaximumProfitStock.java:141), which has no missing parents
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_113 stored as values in memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_113_piece0 stored as bytes in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_113_piece0 in memory on 192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 113 from broadcast at DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 159 (ShuffledRDD[380] at sortByKey at MaximumProfitStock.java:141) (first 15 tasks are for partitions Vector(0))
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 159.0 with 1 tasks
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 159.0 (TID 570, localhost, executor driver, partition 0, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 159.0 (TID 570)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 159.0 (TID 570). 968 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 159.0 (TID 570) in 15 ms on localhost (executor driver) (1/1)

19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 159.0, whose tasks have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ResultStage 159 (isEmpty at MaximumProfitStock.java:152) finished in 0.015 s
19/02/20 20:32:00 INFO DAGScheduler: Job 44 finished: isEmpty at MaximumProfitStock.java:152, took 0.029077 s
19/02/20 20:32:00 INFO SparkContext: Starting job: isEmpty at MaximumProfitStock.java:152
19/02/20 20:32:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 42 is 164 bytes
19/02/20 20:32:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 43 is 164 bytes
19/02/20 20:32:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 41 is 165 bytes
19/02/20 20:32:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 40 is 165 bytes
19/02/20 20:32:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 46 is 166 bytes
19/02/20 20:32:00 INFO DAGScheduler: Got job 45 (isEmpty at MaximumProfitStock.java:152) with 3 output partitions
19/02/20 20:32:00 INFO DAGScheduler: Final stage: ResultStage 165 (isEmpty at MaximumProfitStock.java:152)
19/02/20 20:32:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 164)
19/02/20 20:32:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:32:00 INFO DAGScheduler: Submitting ResultStage 165 (ShuffledRDD[380] at sortByKey at MaximumProfitStock.java:141), which has no missing parents
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_114 stored as values in memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_114_piece0 stored as bytes in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_114_piece0 in memory on 192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 114 from broadcast at DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 3 missing tasks from ResultStage 165 (ShuffledRDD[380] at sortByKey at MaximumProfitStock.java:141) (first 15 tasks are for partitions Vector(1, 2, 3))
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 165.0 with 3 tasks
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 165.0 (TID 571, localhost, executor driver, partition 1, ANY, 4621 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 1.0 in stage 165.0 (TID 572, localhost, executor driver, partition 2, ANY, 4621 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 2.0 in stage 165.0 (TID 573, localhost, executor driver, partition 3, ANY, 4621 bytes)
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 165.0 (TID 571)
19/02/20 20:32:00 INFO Executor: Running task 1.0 in stage 165.0 (TID 572)
19/02/20 20:32:00 INFO Executor: Running task 2.0 in stage 165.0 (TID 573)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 165.0 (TID 571). 899 bytes result sent to driver
19/02/20 20:32:00 INFO Executor: Finished task 1.0 in stage 165.0 (TID 572). 899

bytes result sent to driver
19/02/20 20:32:00 INFO Executor: Finished task 2.0 in stage 165.0 (TID 573). 897
bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 165.0 (TID
571) in 0 ms on localhost (executor driver) (1/3)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 2.0 in stage 165.0 (TID
573) in 0 ms on localhost (executor driver) (2/3)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 1.0 in stage 165.0 (TID
572) in 0 ms on localhost (executor driver) (3/3)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 165.0, whose tasks
have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ResultStage 165 (isEmpty at
MaximumProfitStock.java:152) finished in 0.000 s
19/02/20 20:32:00 INFO DAGScheduler: Job 45 finished: isEmpty at
MaximumProfitStock.java:152, took 0.009358 s
19/02/20 20:32:00 INFO SparkContext: Starting job: take at
MaximumProfitStock.java:156
19/02/20 20:32:00 INFO DAGScheduler: Got job 46 (take at
MaximumProfitStock.java:156) with 1 output partitions
19/02/20 20:32:00 INFO DAGScheduler: Final stage: ResultStage 171 (take at
MaximumProfitStock.java:156)
19/02/20 20:32:00 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 170)
19/02/20 20:32:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:32:00 INFO DAGScheduler: Submitting ResultStage 171
(ShuffledRDD[380] at sortByKey at MaximumProfitStock.java:141), which has no
missing parents
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_115 stored as values in
memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_115_piece0 stored as bytes
in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_115_piece0 in memory on
192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 115 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage
171 (ShuffledRDD[380] at sortByKey at MaximumProfitStock.java:141) (first 15
tasks are for partitions Vector())
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 171.0 with 1 tasks
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 171.0 (TID
574, localhost, executor driver, partition 0, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 171.0 (TID 574)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 171.0 (TID 574). 882
bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 171.0 (TID
574) in 0 ms on localhost (executor driver) (1/1)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 171.0, whose tasks
have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ResultStage 171 (take at
MaximumProfitStock.java:156) finished in 0.000 s
19/02/20 20:32:00 INFO DAGScheduler: Job 46 finished: take at
MaximumProfitStock.java:156, took 0.007310 s
19/02/20 20:32:00 INFO SparkContext: Starting job: take at
MaximumProfitStock.java:156
19/02/20 20:32:00 INFO DAGScheduler: Got job 47 (take at
MaximumProfitStock.java:156) with 3 output partitions
19/02/20 20:32:00 INFO DAGScheduler: Final stage: ResultStage 177 (take at
MaximumProfitStock.java:156)
19/02/20 20:32:00 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 176)

19/02/20 20:32:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:32:00 INFO DAGScheduler: Submitting ResultStage 177
(ShuffledRDD[380] at sortByKey at MaximumProfitStock.java:141), which has no
missing parents
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_116 stored as values in
memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_116_piece0 stored as bytes
in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_116_piece0 in memory on
192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 116 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 3 missing tasks from ResultStage
177 (ShuffledRDD[380] at sortByKey at MaximumProfitStock.java:141) (first 15
tasks are for partitions Vector(1, 2, 3))
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 177.0 with 3 tasks
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 177.0 (TID
575, localhost, executor driver, partition 1, ANY, 4621 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 1.0 in stage 177.0 (TID
576, localhost, executor driver, partition 2, ANY, 4621 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 2.0 in stage 177.0 (TID
577, localhost, executor driver, partition 3, ANY, 4621 bytes)
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 177.0 (TID 575)
19/02/20 20:32:00 INFO Executor: Running task 2.0 in stage 177.0 (TID 577)
19/02/20 20:32:00 INFO Executor: Running task 1.0 in stage 177.0 (TID 576)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:32:00 INFO Executor: Finished task 1.0 in stage 177.0 (TID 576). 985
bytes result sent to driver
19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 177.0 (TID 575). 985
bytes result sent to driver
19/02/20 20:32:00 INFO Executor: Finished task 2.0 in stage 177.0 (TID 577). 983
bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 1.0 in stage 177.0 (TID
576) in 15 ms on localhost (executor driver) (1/3)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 2.0 in stage 177.0 (TID
577) in 15 ms on localhost (executor driver) (2/3)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 177.0 (TID
575) in 15 ms on localhost (executor driver) (3/3)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 177.0, whose tasks
have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ResultStage 177 (take at
MaximumProfitStock.java:156) finished in 0.015 s
19/02/20 20:32:00 INFO DAGScheduler: Job 47 finished: take at
MaximumProfitStock.java:156, took 0.007785 s
19/02/20 20:32:00 INFO JobScheduler: Finished job streaming job 1550674920000
ms.2 from job set of time 1550674920000 ms
19/02/20 20:32:00 INFO JobScheduler: Starting job streaming job 1550674920000
ms.3 from job set of time 1550674920000 ms
19/02/20 20:32:00 INFO SparkContext: Starting job: saveAsTextFile at
RelativeStrengthIndex.java:125
19/02/20 20:32:00 INFO DAGScheduler: Registering RDD 384 (filter at
RelativeStrengthIndex.java:54)
19/02/20 20:32:00 INFO DAGScheduler: Registering RDD 386 (filter at

RelativeStrengthIndex.java:61)
19/02/20 20:32:00 INFO DAGScheduler: Got job 48 (saveAsTextFile at RelativeStrengthIndex.java:125) with 1 output partitions
19/02/20 20:32:00 INFO DAGScheduler: Final stage: ResultStage 180 (saveAsTextFile at RelativeStrengthIndex.java:125)
19/02/20 20:32:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 179, ShuffleMapStage 178)
19/02/20 20:32:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 179, ShuffleMapStage 178)
19/02/20 20:32:00 INFO DAGScheduler: Submitting ShuffleMapStage 178 (MapPartitionsRDD[384] at filter at RelativeStrengthIndex.java:54), which has no missing parents
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_117 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_117_piece0 stored as bytes in memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_117_piece0 in memory on 192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 117 from broadcast at DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 178 (MapPartitionsRDD[384] at filter at RelativeStrengthIndex.java:54) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 178.0 with 11 tasks
19/02/20 20:32:00 INFO DAGScheduler: Submitting ShuffleMapStage 179 (MapPartitionsRDD[386] at filter at RelativeStrengthIndex.java:61), which has no missing parents
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 178.0 (TID 578, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 1.0 in stage 178.0 (TID 579, localhost, executor driver, partition 1, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 2.0 in stage 178.0 (TID 580, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 3.0 in stage 178.0 (TID 581, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 4.0 in stage 178.0 (TID 582, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 5.0 in stage 178.0 (TID 583, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 6.0 in stage 178.0 (TID 584, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 7.0 in stage 178.0 (TID 585, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 4.0 in stage 178.0 (TID 582)
19/02/20 20:32:00 INFO Executor: Running task 7.0 in stage 178.0 (TID 585)
19/02/20 20:32:00 INFO Executor: Running task 5.0 in stage 178.0 (TID 583)
19/02/20 20:32:00 INFO Executor: Running task 1.0 in stage 178.0 (TID 579)
19/02/20 20:32:00 INFO Executor: Running task 2.0 in stage 178.0 (TID 580)
19/02/20 20:32:00 INFO Executor: Running task 3.0 in stage 178.0 (TID 581)
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 178.0 (TID 578)
19/02/20 20:32:00 INFO Executor: Running task 6.0 in stage 178.0 (TID 584)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_118 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_118_piece0 stored as bytes in memory (estimated size 5.2 KB, free 2.2 GB)

19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_118_piece0 in memory on 192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 118 from broadcast at DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 179 (MapPartitionsRDD[386] at filter at RelativeStrengthIndex.java:61) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 179.0 with 11 tasks
19/02/20 20:32:00 INFO Executor: Finished task 6.0 in stage 178.0 (TID 584). 833 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 8.0 in stage 178.0 (TID 586, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 8.0 in stage 178.0 (TID 586)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 6.0 in stage 178.0 (TID 584) in 16 ms on localhost (executor driver) (1/11)
19/02/20 20:32:00 INFO Executor: Finished task 1.0 in stage 178.0 (TID 579). 962 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 9.0 in stage 178.0 (TID 587, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 9.0 in stage 178.0 (TID 587)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 1.0 in stage 178.0 (TID 579) in 16 ms on localhost (executor driver) (2/11)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 178.0 (TID 578). 962 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 10.0 in stage 178.0 (TID 588, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 10.0 in stage 178.0 (TID 588)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 178.0 (TID 578) in 16 ms on localhost (executor driver) (3/11)
19/02/20 20:32:00 INFO Executor: Finished task 2.0 in stage 178.0 (TID 580). 962 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 179.0 (TID 589, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 179.0 (TID 589)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 2.0 in stage 178.0 (TID 580) in 16 ms on localhost (executor driver) (4/11)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:32:00 INFO Executor: Finished task 5.0 in stage 178.0 (TID 583). 962 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 1.0 in stage 179.0 (TID 590, localhost, executor driver, partition 1, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:32:00 INFO Executor: Running task 1.0 in stage 179.0 (TID 590)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 5.0 in stage 178.0 (TID 583) in 16 ms on localhost (executor driver) (5/11)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_195_0 locally
19/02/20 20:32:00 INFO Executor: Finished task 3.0 in stage 178.0 (TID 581). 962 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 2.0 in stage 179.0 (TID 591, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 3.0 in stage 178.0 (TID 581) in 16 ms on localhost (executor driver) (6/11)
19/02/20 20:32:00 INFO Executor: Running task 2.0 in stage 179.0 (TID 591)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:32:00 INFO Executor: Finished task 4.0 in stage 178.0 (TID 582). 919 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 3.0 in stage 179.0 (TID 592, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 3.0 in stage 179.0 (TID 592)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 4.0 in stage 178.0 (TID 582) in 16 ms on localhost (executor driver) (7/11)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_227_0 locally

19/02/20 20:32:00 INFO Executor: Finished task 7.0 in stage 178.0 (TID 585). 962 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 4.0 in stage 179.0 (TID 593, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 7.0 in stage 178.0 (TID 585) in 32 ms on localhost (executor driver) (8/11)
19/02/20 20:32:00 INFO Executor: Running task 4.0 in stage 179.0 (TID 593)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 179.0 (TID 589). 876 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 5.0 in stage 179.0 (TID 594, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 5.0 in stage 179.0 (TID 594)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 179.0 (TID 589) in 16 ms on localhost (executor driver) (1/11)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:32:00 INFO Executor: Finished task 1.0 in stage 179.0 (TID 590). 962 bytes result sent to driver
19/02/20 20:32:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:32:00 INFO TaskSetManager: Starting task 6.0 in stage 179.0 (TID 595, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 6.0 in stage 179.0 (TID 595)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 1.0 in stage 179.0 (TID 590) in 16 ms on localhost (executor driver) (2/11)
19/02/20 20:32:00 INFO Executor: Finished task 10.0 in stage 178.0 (TID 588). 919 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 7.0 in stage 179.0 (TID 596, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:32:00 INFO Executor: Running task 7.0 in stage 179.0 (TID 596)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 10.0 in stage 178.0 (TID 588) in 16 ms on localhost (executor driver) (9/11)
19/02/20 20:32:00 INFO Executor: Finished task 9.0 in stage 178.0 (TID 587). 919 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 8.0 in stage 179.0 (TID 597, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 8.0 in stage 179.0 (TID 597)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 9.0 in stage 178.0 (TID 587) in 16 ms on localhost (executor driver) (10/11)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:32:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:32:00 INFO Executor: Finished task 8.0 in stage 178.0 (TID 586). 919 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 9.0 in stage 179.0 (TID 598, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 9.0 in stage 179.0 (TID 598)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 8.0 in stage 178.0 (TID 586) in 16 ms on localhost (executor driver) (11/11)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 178.0, whose tasks have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ShuffleMapStage 178 (filter at RelativeStrengthIndex.java:54) finished in 0.032 s
19/02/20 20:32:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:32:00 INFO DAGScheduler: running: Set(ShuffleMapStage 179)
19/02/20 20:32:00 INFO DAGScheduler: waiting: Set(ResultStage 180)
19/02/20 20:32:00 INFO DAGScheduler: failed: Set()
19/02/20 20:32:00 INFO Executor: Finished task 5.0 in stage 179.0 (TID 594). 876 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Starting task 10.0 in stage 179.0 (TID 599, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:32:00 INFO Executor: Running task 10.0 in stage 179.0 (TID 599)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 5.0 in stage 179.0 (TID 594) in 0 ms on localhost (executor driver) (3/11)
19/02/20 20:32:00 INFO BlockManager: Found block rdd_345_0 locally

19/02/20 20:32:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:32:00 INFO Executor: Finished task 4.0 in stage 179.0 (TID 593). 876 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 4.0 in stage 179.0 (TID 593) in 0 ms on localhost (executor driver) (4/11)
19/02/20 20:32:00 INFO Executor: Finished task 3.0 in stage 179.0 (TID 592). 962 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 3.0 in stage 179.0 (TID 592) in 16 ms on localhost (executor driver) (5/11)
19/02/20 20:32:00 INFO Executor: Finished task 2.0 in stage 179.0 (TID 591). 962 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 2.0 in stage 179.0 (TID 591) in 16 ms on localhost (executor driver) (6/11)
19/02/20 20:32:00 INFO Executor: Finished task 9.0 in stage 179.0 (TID 598). 790 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 9.0 in stage 179.0 (TID 598) in 0 ms on localhost (executor driver) (7/11)
19/02/20 20:32:00 INFO Executor: Finished task 10.0 in stage 179.0 (TID 599). 790 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 10.0 in stage 179.0 (TID 599) in 0 ms on localhost (executor driver) (8/11)
19/02/20 20:32:00 INFO Executor: Finished task 8.0 in stage 179.0 (TID 597). 876 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 8.0 in stage 179.0 (TID 597) in 0 ms on localhost (executor driver) (9/11)
19/02/20 20:32:00 INFO Executor: Finished task 7.0 in stage 179.0 (TID 596). 876 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 7.0 in stage 179.0 (TID 596) in 15 ms on localhost (executor driver) (10/11)
19/02/20 20:32:00 INFO Executor: Finished task 6.0 in stage 179.0 (TID 595). 962 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 6.0 in stage 179.0 (TID 595) in 15 ms on localhost (executor driver) (11/11)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 179.0, whose tasks have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ShuffleMapStage 179 (filter at RelativeStrengthIndex.java:61) finished in 0.031 s
19/02/20 20:32:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:32:00 INFO DAGScheduler: running: Set()
19/02/20 20:32:00 INFO DAGScheduler: waiting: Set(ResultStage 180)
19/02/20 20:32:00 INFO DAGScheduler: failed: Set()
19/02/20 20:32:00 INFO DAGScheduler: Submitting ResultStage 180 (MapPartitionsRDD[403] at saveAsTextFile at RelativeStrengthIndex.java:125), which has no missing parents
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_119 stored as values in memory (estimated size 53.4 KB, free 2.2 GB)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_119_piece0 stored as bytes in memory (estimated size 19.3 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_119_piece0 in memory on 192.168.56.1:56546 (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 119 from broadcast at DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 180 (MapPartitionsRDD[403] at saveAsTextFile at RelativeStrengthIndex.java:125) (first 15 tasks are for partitions Vector(0))
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 180.0 with 1 tasks
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 180.0 (TID 600, localhost, executor driver, partition 0, ANY, 5682 bytes)
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 180.0 (TID 600)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks

out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 7 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 8 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 7 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO FileOutputCommitter: Saved output of task 'attempt_20190220203200_0180_m_000000_600' to file:/C:/Users/Public/output/Analyses3_Rsi_1550674920599/_temporary/0/task_20190220203200_0180_m_000000
19/02/20 20:32:00 INFO SparkHadoopMapRedUtil:

attempt_20190220203200_0180_m_000000_600: Committed
19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 180.0 (TID 600).
1053 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 180.0 (TID 600) in 134 ms on localhost (executor driver) (1/1)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 180.0, whose tasks have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ResultStage 180 (saveAsTextFile at RelativeStrengthIndex.java:125) finished in 0.134 s
19/02/20 20:32:00 INFO DAGScheduler: Job 48 finished: saveAsTextFile at RelativeStrengthIndex.java:125, took 0.170922 s
19/02/20 20:32:00 INFO JobScheduler: Finished job streaming job 1550674920000 ms.3 from job set of time 1550674920000 ms
19/02/20 20:32:00 INFO JobScheduler: Starting job streaming job 1550674920000 ms.4 from job set of time 1550674920000 ms
19/02/20 20:32:00 INFO SparkContext: Starting job: isEmpty at TradingVolume.java:71
19/02/20 20:32:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 44 is 164 bytes
19/02/20 20:32:00 INFO DAGScheduler: Registering RDD 396 (mapToPair at TradingVolume.java:53)
19/02/20 20:32:00 INFO DAGScheduler: Got job 49 (isEmpty at TradingVolume.java:71) with 1 output partitions
19/02/20 20:32:00 INFO DAGScheduler: Final stage: ResultStage 183 (isEmpty at TradingVolume.java:71)
19/02/20 20:32:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 182)
19/02/20 20:32:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 182)
19/02/20 20:32:00 INFO DAGScheduler: Submitting ShuffleMapStage 182 (MapPartitionsRDD[396] at mapToPair at TradingVolume.java:53), which has no missing parents
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_120 stored as values in memory (estimated size 5.5 KB, free 2.2 GB)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_120_piece0 stored as bytes in memory (estimated size 3.1 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_120_piece0 in memory on 192.168.56.1:56546 (size: 3.1 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 120 from broadcast at DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 8 missing tasks from ShuffleMapStage 182 (MapPartitionsRDD[396] at mapToPair at TradingVolume.java:53) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7))
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 182.0 with 8 tasks
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 182.0 (TID 601, localhost, executor driver, partition 0, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 1.0 in stage 182.0 (TID 602, localhost, executor driver, partition 1, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 2.0 in stage 182.0 (TID 603, localhost, executor driver, partition 2, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 3.0 in stage 182.0 (TID 604, localhost, executor driver, partition 3, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 5.0 in stage 182.0 (TID 605, localhost, executor driver, partition 5, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 7.0 in stage 182.0 (TID 606, localhost, executor driver, partition 7, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 4.0 in stage 182.0 (TID 607, localhost, executor driver, partition 4, ANY, 4610 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 6.0 in stage 182.0 (TID 608, localhost, executor driver, partition 6, ANY, 4610 bytes)
19/02/20 20:32:00 INFO Executor: Running task 6.0 in stage 182.0 (TID 608)
19/02/20 20:32:00 INFO Executor: Running task 1.0 in stage 182.0 (TID 602)
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 182.0 (TID 601)
19/02/20 20:32:00 INFO Executor: Running task 7.0 in stage 182.0 (TID 606)

19/02/20 20:32:00 INFO Executor: Running task 5.0 in stage 182.0 (TID 605)
19/02/20 20:32:00 INFO Executor: Running task 4.0 in stage 182.0 (TID 607)
19/02/20 20:32:00 INFO Executor: Running task 2.0 in stage 182.0 (TID 603)
19/02/20 20:32:00 INFO Executor: Running task 3.0 in stage 182.0 (TID 604)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks
out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks
out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:32:00 INFO Executor: Finished task 5.0 in stage 182.0 (TID 605).
1002 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 5.0 in stage 182.0 (TID
605) in 18 ms on localhost (executor driver) (1/8)
19/02/20 20:32:00 INFO Executor: Finished task 2.0 in stage 182.0 (TID 603).
1002 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 2.0 in stage 182.0 (TID
603) in 19 ms on localhost (executor driver) (2/8)
19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 182.0 (TID 601).
1002 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 182.0 (TID
601) in 19 ms on localhost (executor driver) (3/8)
19/02/20 20:32:00 INFO Executor: Finished task 7.0 in stage 182.0 (TID 606).
1002 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 7.0 in stage 182.0 (TID
606) in 20 ms on localhost (executor driver) (4/8)
19/02/20 20:32:00 INFO Executor: Finished task 1.0 in stage 182.0 (TID 602).
1002 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 1.0 in stage 182.0 (TID
602) in 21 ms on localhost (executor driver) (5/8)
19/02/20 20:32:00 INFO Executor: Finished task 3.0 in stage 182.0 (TID 604).
1002 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 3.0 in stage 182.0 (TID
604) in 22 ms on localhost (executor driver) (6/8)
19/02/20 20:32:00 INFO Executor: Finished task 6.0 in stage 182.0 (TID 608).
1174 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 6.0 in stage 182.0 (TID
608) in 25 ms on localhost (executor driver) (7/8)

19/02/20 20:32:00 INFO Executor: Finished task 4.0 in stage 182.0 (TID 607).
1131 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 4.0 in stage 182.0 (TID
607) in 27 ms on localhost (executor driver) (8/8)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 182.0, whose tasks
have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ShuffleMapStage 182 (mapToPair at
TradingVolume.java:53) finished in 0.027 s
19/02/20 20:32:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:32:00 INFO DAGScheduler: running: Set()
19/02/20 20:32:00 INFO DAGScheduler: waiting: Set(ResultStage 183)
19/02/20 20:32:00 INFO DAGScheduler: failed: Set()
19/02/20 20:32:00 INFO DAGScheduler: Submitting ResultStage 183
(ShuffledRDD[399] at sortByKey at TradingVolume.java:63), which has no missing
parents
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_121 stored as values in
memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_121_piece0 stored as bytes
in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_121_piece0 in memory on
192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 121 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage
183 (ShuffledRDD[399] at sortByKey at TradingVolume.java:63) (first 15 tasks are
for partitions Vector(0))
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 183.0 with 1 tasks
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 183.0 (TID
609, localhost, executor driver, partition 0, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 183.0 (TID 609)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 183.0 (TID 609). 968
bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 183.0 (TID
609) in 3 ms on localhost (executor driver) (1/1)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 183.0, whose tasks
have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ResultStage 183 (isEmpty at
TradingVolume.java:71) finished in 0.003 s
19/02/20 20:32:00 INFO DAGScheduler: Job 49 finished: isEmpty at
TradingVolume.java:71, took 0.025196 s
19/02/20 20:32:00 INFO SparkContext: Starting job: isEmpty at
TradingVolume.java:71
19/02/20 20:32:00 INFO MapOutputTrackerMaster: Size of output statuses for
shuffle 44 is 164 bytes
19/02/20 20:32:00 INFO MapOutputTrackerMaster: Size of output statuses for
shuffle 49 is 169 bytes
19/02/20 20:32:00 INFO DAGScheduler: Got job 50 (isEmpty at
TradingVolume.java:71) with 4 output partitions
19/02/20 20:32:00 INFO DAGScheduler: Final stage: ResultStage 186 (isEmpty at
TradingVolume.java:71)
19/02/20 20:32:00 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 185)
19/02/20 20:32:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:32:00 INFO DAGScheduler: Submitting ResultStage 186
(ShuffledRDD[399] at sortByKey at TradingVolume.java:63), which has no missing
parents
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_122 stored as values in
memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_122_piece0 stored as bytes
in memory (estimated size 2.3 KB, free 2.2 GB)

19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_122_piece0 in memory on 192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 122 from broadcast at DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 4 missing tasks from ResultStage 186 (ShuffledRDD[399] at sortByKey at TradingVolume.java:63) (first 15 tasks are for partitions Vector(1, 2, 3, 4))
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 186.0 with 4 tasks
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 186.0 (TID 610, localhost, executor driver, partition 1, ANY, 4621 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 1.0 in stage 186.0 (TID 611, localhost, executor driver, partition 2, ANY, 4621 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 2.0 in stage 186.0 (TID 612, localhost, executor driver, partition 3, ANY, 4621 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 3.0 in stage 186.0 (TID 613, localhost, executor driver, partition 4, ANY, 4621 bytes)
19/02/20 20:32:00 INFO Executor: Running task 3.0 in stage 186.0 (TID 613)
19/02/20 20:32:00 INFO Executor: Running task 1.0 in stage 186.0 (TID 611)
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 186.0 (TID 610)
19/02/20 20:32:00 INFO Executor: Running task 2.0 in stage 186.0 (TID 612)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:32:00 INFO Executor: Finished task 1.0 in stage 186.0 (TID 611). 983 bytes result sent to driver
19/02/20 20:32:00 INFO Executor: Finished task 3.0 in stage 186.0 (TID 613). 986 bytes result sent to driver
19/02/20 20:32:00 INFO Executor: Finished task 2.0 in stage 186.0 (TID 612). 985 bytes result sent to driver
19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 186.0 (TID 610). 985 bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 1.0 in stage 186.0 (TID 611) in 4 ms on localhost (executor driver) (1/4)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 3.0 in stage 186.0 (TID 613) in 4 ms on localhost (executor driver) (2/4)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 2.0 in stage 186.0 (TID 612) in 4 ms on localhost (executor driver) (3/4)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 186.0 (TID 610) in 4 ms on localhost (executor driver) (4/4)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 186.0, whose tasks have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ResultStage 186 (isEmpty at TradingVolume.java:71) finished in 0.004 s
19/02/20 20:32:00 INFO DAGScheduler: Job 50 finished: isEmpty at TradingVolume.java:71, took 0.008346 s
19/02/20 20:32:00 INFO SparkContext: Starting job: take at TradingVolume.java:75
19/02/20 20:32:00 INFO DAGScheduler: Got job 51 (take at TradingVolume.java:75) with 1 output partitions
19/02/20 20:32:00 INFO DAGScheduler: Final stage: ResultStage 189 (take at TradingVolume.java:75)
19/02/20 20:32:00 INFO DAGScheduler: Parents of final stage:

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List(ShuffleMapStage 188)
19/02/20 20:32:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:32:00 INFO DAGScheduler: Submitting ResultStage 189
(ShuffledRDD[399] at sortByKey at TradingVolume.java:63), which has no missing
parents
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_123 stored as values in
memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_123_piece0 stored as bytes
in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_123_piece0 in memory on
192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 123 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage
189 (ShuffledRDD[399] at sortByKey at TradingVolume.java:63) (first 15 tasks are
for partitions Vector(0))
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 189.0 with 1 tasks
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 189.0 (TID
614, localhost, executor driver, partition 0, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 189.0 (TID 614)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 189.0 (TID 614). 882
bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 189.0 (TID
614) in 0 ms on localhost (executor driver) (1/1)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 189.0, whose tasks
have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ResultStage 189 (take at
TradingVolume.java:75) finished in 0.000 s
19/02/20 20:32:00 INFO DAGScheduler: Job 51 finished: take at
TradingVolume.java:75, took 0.006950 s
19/02/20 20:32:00 INFO SparkContext: Starting job: take at TradingVolume.java:75
19/02/20 20:32:00 INFO DAGScheduler: Got job 52 (take at TradingVolume.java:75)
with 4 output partitions
19/02/20 20:32:00 INFO DAGScheduler: Final stage: ResultStage 192 (take at
TradingVolume.java:75)
19/02/20 20:32:00 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 191)
19/02/20 20:32:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:32:00 INFO DAGScheduler: Submitting ResultStage 192
(ShuffledRDD[399] at sortByKey at TradingVolume.java:63), which has no missing
parents
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_124 stored as values in
memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:32:00 INFO MemoryStore: Block broadcast_124_piece0 stored as bytes
in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:32:00 INFO BlockManagerInfo: Added broadcast_124_piece0 in memory on
192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:32:00 INFO SparkContext: Created broadcast 124 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:32:00 INFO DAGScheduler: Submitting 4 missing tasks from ResultStage
192 (ShuffledRDD[399] at sortByKey at TradingVolume.java:63) (first 15 tasks are
for partitions Vector(1, 2, 3, 4))
19/02/20 20:32:00 INFO TaskSchedulerImpl: Adding task set 192.0 with 4 tasks
19/02/20 20:32:00 INFO TaskSetManager: Starting task 0.0 in stage 192.0 (TID
615, localhost, executor driver, partition 1, ANY, 4621 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 1.0 in stage 192.0 (TID
616, localhost, executor driver, partition 2, ANY, 4621 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 2.0 in stage 192.0 (TID
617, localhost, executor driver, partition 3, ANY, 4621 bytes)
19/02/20 20:32:00 INFO TaskSetManager: Starting task 3.0 in stage 192.0 (TID
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618, localhost, executor driver, partition 4, ANY, 4621 bytes)
19/02/20 20:32:00 INFO Executor: Running task 3.0 in stage 192.0 (TID 618)
19/02/20 20:32:00 INFO Executor: Running task 0.0 in stage 192.0 (TID 615)
19/02/20 20:32:00 INFO Executor: Running task 1.0 in stage 192.0 (TID 616)
19/02/20 20:32:00 INFO Executor: Running task 2.0 in stage 192.0 (TID 617)
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 8 blocks
19/02/20 20:32:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:32:00 INFO Executor: Finished task 2.0 in stage 192.0 (TID 617). 899
bytes result sent to driver
19/02/20 20:32:00 INFO Executor: Finished task 3.0 in stage 192.0 (TID 618). 900
bytes result sent to driver
19/02/20 20:32:00 INFO Executor: Finished task 1.0 in stage 192.0 (TID 616). 897
bytes result sent to driver
19/02/20 20:32:00 INFO Executor: Finished task 0.0 in stage 192.0 (TID 615). 899
bytes result sent to driver
19/02/20 20:32:00 INFO TaskSetManager: Finished task 2.0 in stage 192.0 (TID
617) in 0 ms on localhost (executor driver) (1/4)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 3.0 in stage 192.0 (TID
618) in 0 ms on localhost (executor driver) (2/4)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 1.0 in stage 192.0 (TID
616) in 0 ms on localhost (executor driver) (3/4)
19/02/20 20:32:00 INFO TaskSetManager: Finished task 0.0 in stage 192.0 (TID
615) in 0 ms on localhost (executor driver) (4/4)
19/02/20 20:32:00 INFO TaskSchedulerImpl: Removed TaskSet 192.0, whose tasks
have all completed, from pool
19/02/20 20:32:00 INFO DAGScheduler: ResultStage 192 (take at
TradingVolume.java:75) finished in 0.000 s
19/02/20 20:32:00 INFO DAGScheduler: Job 52 finished: take at
TradingVolume.java:75, took 0.009087 s
19/02/20 20:32:00 INFO JobScheduler: Finished job streaming job 1550674920000
ms.4 from job set of time 1550674920000 ms
19/02/20 20:32:00 INFO JobScheduler: Total delay: 0.937 s for time 1550674920000
ms (execution: 0.712 s)
19/02/20 20:32:00 INFO MapPartitionsRDD: Removing RDD 264 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 264
19/02/20 20:32:00 INFO ShuffledRDD: Removing RDD 263 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 263
19/02/20 20:32:00 INFO MapPartitionsRDD: Removing RDD 262 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 262
19/02/20 20:32:00 INFO MapPartitionsRDD: Removing RDD 261 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 261
19/02/20 20:32:00 INFO UnionRDD: Removing RDD 260 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 260
19/02/20 20:32:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550673720000 ms:
19/02/20 20:32:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550673720000 ms:
19/02/20 20:32:00 INFO ShuffledRDD: Removing RDD 278 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 278
19/02/20 20:32:00 INFO MapPartitionsRDD: Removing RDD 275 from persistence list

19/02/20 20:32:00 INFO BlockManager: Removing RDD 275
19/02/20 20:32:00 INFO MapPartitionsRDD: Removing RDD 274 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 274
19/02/20 20:32:00 INFO MapPartitionsRDD: Removing RDD 273 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 273
19/02/20 20:32:00 INFO MapPartitionsRDD: Removing RDD 267 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 267
19/02/20 20:32:00 INFO ShuffledRDD: Removing RDD 266 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 266
19/02/20 20:32:00 INFO MapPartitionsRDD: Removing RDD 265 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 265
19/02/20 20:32:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673720000 ms:
19/02/20 20:32:00 INFO MapPartitionsRDD: Removing RDD 270 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 270
19/02/20 20:32:00 INFO ShuffledRDD: Removing RDD 269 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 269
19/02/20 20:32:00 INFO MapPartitionsRDD: Removing RDD 268 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 268
19/02/20 20:32:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673720000 ms:
19/02/20 20:32:00 INFO MapPartitionsRDD: Removing RDD 356 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 356
19/02/20 20:32:00 INFO MapPartitionsRDD: Removing RDD 355 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 355
19/02/20 20:32:00 INFO ShuffledRDD: Removing RDD 350 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 350
19/02/20 20:32:00 INFO MapPartitionsRDD: Removing RDD 349 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 349
19/02/20 20:32:00 INFO MapPartitionsRDD: Removing RDD 348 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 348
19/02/20 20:32:00 INFO MapPartitionsRDD: Removing RDD 347 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 347
19/02/20 20:32:00 INFO UnionRDD: Removing RDD 346 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 346
19/02/20 20:32:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673720000 ms:
19/02/20 20:32:00 INFO ShuffledRDD: Removing RDD 352 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 352
19/02/20 20:32:00 INFO MapPartitionsRDD: Removing RDD 351 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 351
19/02/20 20:32:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673720000 ms:
19/02/20 20:32:00 INFO ShuffledRDD: Removing RDD 188 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 188
19/02/20 20:32:00 INFO MapPartitionsRDD: Removing RDD 185 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 185
19/02/20 20:32:00 INFO ShuffledRDD: Removing RDD 184 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 184
19/02/20 20:32:00 INFO MapPartitionsRDD: Removing RDD 183 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 183
19/02/20 20:32:00 INFO MapPartitionsRDD: Removing RDD 182 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 182
19/02/20 20:32:00 INFO UnionRDD: Removing RDD 181 from persistence list
19/02/20 20:32:00 INFO BlockManager: Removing RDD 181
19/02/20 20:32:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673720000 ms:
19/02/20 20:32:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:32:00 INFO InputInfoTracker: remove old batch metadata:
19/02/20 20:33:00 INFO MappedDStream: Time 1550674980000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1260000 ms
19/02/20 20:33:00 INFO FlatMappedDStream: Time 1550674980000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is

1260000 ms
19/02/20 20:33:00 INFO TransformedDStream: Time 1550674980000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1260000 ms
19/02/20 20:33:00 INFO MappedDStream: Slicing from 1550674440000 ms to 1550674980000 ms (aligned to 1550674440000 ms and 1550674980000 ms)
19/02/20 20:33:00 INFO FileInputDStream: Finding new files took 29 ms
19/02/20 20:33:00 INFO FileInputDStream: New files at time 1550674980000 ms: file:/C:/Users/Public/JSON/stocks_price_1550674950.8465092.json
19/02/20 20:33:00 INFO MemoryStore: Block broadcast_125 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:33:00 INFO MemoryStore: Block broadcast_125_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:33:00 INFO BlockManagerInfo: Added broadcast_125_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO SparkContext: Created broadcast 125 from textFileStream at SparkAnalysesDriver.java:52
19/02/20 20:33:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:33:00 INFO TransformedDStream: Time 1550674980000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 1260000 ms
19/02/20 20:33:00 INFO JobScheduler: Added jobs for time 1550674980000 ms
19/02/20 20:33:00 INFO JobScheduler: Starting job streaming job 1550674980000 ms.0 from job set of time 1550674980000 ms
19/02/20 20:33:00 INFO SparkContext: Starting job: saveAsTextFile at RelativeStrengthIndex.java:125
19/02/20 20:33:00 INFO DAGScheduler: Registering RDD 412 (filter at RelativeStrengthIndex.java:61)
19/02/20 20:33:00 INFO DAGScheduler: Registering RDD 410 (filter at RelativeStrengthIndex.java:54)
19/02/20 20:33:00 INFO DAGScheduler: Got job 53 (saveAsTextFile at RelativeStrengthIndex.java:125) with 1 output partitions
19/02/20 20:33:00 INFO DAGScheduler: Final stage: ResultStage 195 (saveAsTextFile at RelativeStrengthIndex.java:125)
19/02/20 20:33:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 194, ShuffleMapStage 193)
19/02/20 20:33:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 194, ShuffleMapStage 193)
19/02/20 20:33:00 INFO DAGScheduler: Submitting ShuffleMapStage 193 (MapPartitionsRDD[412] at filter at RelativeStrengthIndex.java:61), which has no missing parents
19/02/20 20:33:00 INFO MemoryStore: Block broadcast_126 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:33:00 INFO MemoryStore: Block broadcast_126_piece0 stored as bytes in memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:33:00 INFO BlockManagerInfo: Added broadcast_126_piece0 in memory on 192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO SparkContext: Created broadcast 126 from broadcast at DAGScheduler.scala:1006
19/02/20 20:33:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 193 (MapPartitionsRDD[412] at filter at RelativeStrengthIndex.java:61) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:33:00 INFO TaskSchedulerImpl: Adding task set 193.0 with 11 tasks
19/02/20 20:33:00 INFO DAGScheduler: Submitting ShuffleMapStage 194 (MapPartitionsRDD[410] at filter at RelativeStrengthIndex.java:54), which has no missing parents
19/02/20 20:33:00 INFO TaskSetManager: Starting task 0.0 in stage 193.0 (TID 619, localhost, executor driver, partition 0, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:33:00 INFO TaskSetManager: Starting task 1.0 in stage 193.0 (TID 620, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:33:00 INFO TaskSetManager: Starting task 2.0 in stage 193.0 (TID 621, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:33:00 INFO TaskSetManager: Starting task 3.0 in stage 193.0 (TID

622, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:33:00 INFO TaskSetManager: Starting task 4.0 in stage 193.0 (TID 623, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:33:00 INFO TaskSetManager: Starting task 5.0 in stage 193.0 (TID 624, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:33:00 INFO TaskSetManager: Starting task 6.0 in stage 193.0 (TID 625, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:33:00 INFO TaskSetManager: Starting task 7.0 in stage 193.0 (TID 626, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:33:00 INFO Executor: Running task 7.0 in stage 193.0 (TID 626)
19/02/20 20:33:00 INFO Executor: Running task 1.0 in stage 193.0 (TID 620)
19/02/20 20:33:00 INFO Executor: Running task 0.0 in stage 193.0 (TID 619)
19/02/20 20:33:00 INFO Executor: Running task 3.0 in stage 193.0 (TID 622)
19/02/20 20:33:00 INFO Executor: Running task 2.0 in stage 193.0 (TID 621)
19/02/20 20:33:00 INFO Executor: Running task 5.0 in stage 193.0 (TID 624)
19/02/20 20:33:00 INFO Executor: Running task 6.0 in stage 193.0 (TID 625)
19/02/20 20:33:00 INFO MemoryStore: Block broadcast_127 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:33:00 INFO Executor: Running task 4.0 in stage 193.0 (TID 623)
19/02/20 20:33:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:33:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:33:00 INFO MemoryStore: Block broadcast_127_piece0 stored as bytes in memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:33:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:33:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:33:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:33:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:33:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:33:00 INFO BlockManagerInfo: Added broadcast_127_piece0 in memory on 192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:33:00 INFO SparkContext: Created broadcast 127 from broadcast at DAGScheduler.scala:1006
19/02/20 20:33:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 194 (MapPartitionsRDD[410] at filter at RelativeStrengthIndex.java:54) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:33:00 INFO Executor: Finished task 6.0 in stage 193.0 (TID 625). 1005 bytes result sent to driver
19/02/20 20:33:00 INFO Executor: Finished task 1.0 in stage 193.0 (TID 620). 1005 bytes result sent to driver
19/02/20 20:33:00 INFO TaskSchedulerImpl: Adding task set 194.0 with 11 tasks
19/02/20 20:33:00 INFO ContextCleaner: Cleaned shuffle 25
19/02/20 20:33:00 INFO Executor: Finished task 2.0 in stage 193.0 (TID 621). 1048 bytes result sent to driver
19/02/20 20:33:00 INFO ContextCleaner: Cleaned shuffle 27
19/02/20 20:33:00 INFO TaskSetManager: Starting task 8.0 in stage 193.0 (TID 627, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:33:00 INFO Executor: Finished task 3.0 in stage 193.0 (TID 622). 1048 bytes result sent to driver
19/02/20 20:33:00 INFO ContextCleaner: Cleaned shuffle 38
19/02/20 20:33:00 INFO TaskSetManager: Starting task 9.0 in stage 193.0 (TID 628, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:33:00 INFO Executor: Running task 9.0 in stage 193.0 (TID 628)
19/02/20 20:33:00 INFO Executor: Finished task 7.0 in stage 193.0 (TID 626). 1005 bytes result sent to driver
19/02/20 20:33:00 INFO TaskSetManager: Starting task 10.0 in stage 193.0 (TID 629, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:33:00 INFO TaskSetManager: Starting task 0.0 in stage 194.0 (TID 630, localhost, executor driver, partition 0, PROCESS_LOCAL, 5035 bytes)
19/02/20 20:33:00 INFO TaskSetManager: Starting task 1.0 in stage 194.0 (TID 631, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:33:00 INFO Executor: Running task 10.0 in stage 193.0 (TID 629)
19/02/20 20:33:00 INFO BlockManager: Found block rdd_361_0 locally

19/02/20 20:33:00 INFO Executor: Running task 0.0 in stage 194.0 (TID 630)
19/02/20 20:33:00 INFO Executor: Finished task 4.0 in stage 193.0 (TID 623).
1005 bytes result sent to driver
19/02/20 20:33:00 INFO TaskSetManager: Starting task 2.0 in stage 194.0 (TID
632, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:33:00 INFO TaskSetManager: Finished task 6.0 in stage 193.0 (TID
625) in 27 ms on localhost (executor driver) (1/11)
19/02/20 20:33:00 INFO TaskSetManager: Finished task 2.0 in stage 193.0 (TID
621) in 28 ms on localhost (executor driver) (2/11)
19/02/20 20:33:00 INFO TaskSetManager: Finished task 3.0 in stage 193.0 (TID
622) in 28 ms on localhost (executor driver) (3/11)
19/02/20 20:33:00 INFO TaskSetManager: Finished task 7.0 in stage 193.0 (TID
626) in 28 ms on localhost (executor driver) (4/11)
19/02/20 20:33:00 INFO TaskSetManager: Finished task 4.0 in stage 193.0 (TID
623) in 28 ms on localhost (executor driver) (5/11)
19/02/20 20:33:00 INFO BlockManager: Found block rdd_211_0 locally
19/02/20 20:33:00 INFO TaskSetManager: Finished task 1.0 in stage 193.0 (TID
620) in 29 ms on localhost (executor driver) (6/11)
19/02/20 20:33:00 INFO Executor: Running task 8.0 in stage 193.0 (TID 627)
19/02/20 20:33:00 INFO Executor: Running task 1.0 in stage 194.0 (TID 631)
19/02/20 20:33:00 INFO BlockManagerInfo: Removed broadcast_111_piece0 on
192.168.56.1:56546 in memory (size: 3.8 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO Executor: Running task 2.0 in stage 194.0 (TID 632)
19/02/20 20:33:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550674950.8465092.json:0+682
19/02/20 20:33:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:33:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:33:00 INFO MemoryStore: Block rdd_406_0 stored as bytes in memory
(estimated size 686.0 B, free 2.2 GB)
19/02/20 20:33:00 INFO BlockManagerInfo: Removed broadcast_121_piece0 on
192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO BlockManagerInfo: Added rdd_406_0 in memory on
192.168.56.1:56546 (size: 686.0 B, free: 2.2 GB)
19/02/20 20:33:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:33:00 INFO BlockManagerInfo: Removed broadcast_109_piece0 on
192.168.56.1:56546 in memory (size: 18.7 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO BlockManagerInfo: Removed broadcast_116_piece0 on
192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO Executor: Finished task 5.0 in stage 193.0 (TID 624). 962
bytes result sent to driver
19/02/20 20:33:00 INFO BlockManagerInfo: Removed broadcast_106_piece0 on
192.168.56.1:56546 in memory (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO TaskSetManager: Starting task 3.0 in stage 194.0 (TID
633, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:33:00 INFO TaskSetManager: Finished task 5.0 in stage 193.0 (TID
624) in 39 ms on localhost (executor driver) (7/11)
19/02/20 20:33:00 INFO Executor: Running task 3.0 in stage 194.0 (TID 633)
19/02/20 20:33:00 INFO Executor: Finished task 0.0 in stage 193.0 (TID 619). 962
bytes result sent to driver
19/02/20 20:33:00 INFO TaskSetManager: Starting task 4.0 in stage 194.0 (TID
634, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:33:00 INFO BlockManagerInfo: Removed broadcast_118_piece0 on
192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:33:00 INFO TaskSetManager: Finished task 0.0 in stage 193.0 (TID
619) in 42 ms on localhost (executor driver) (8/11)
19/02/20 20:33:00 INFO Executor: Running task 4.0 in stage 194.0 (TID 634)
19/02/20 20:33:00 INFO Executor: Finished task 10.0 in stage 193.0 (TID 629).
1702 bytes result sent to driver
19/02/20 20:33:00 INFO ContextCleaner: Cleaned shuffle 10
19/02/20 20:33:00 INFO TaskSetManager: Starting task 5.0 in stage 194.0 (TID
635, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:33:00 INFO TaskSetManager: Finished task 10.0 in stage 193.0 (TID
629) in 18 ms on localhost (executor driver) (9/11)

19/02/20 20:33:00 INFO Executor: Running task 5.0 in stage 194.0 (TID 635)
19/02/20 20:33:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:33:00 INFO BlockManagerInfo: Removed broadcast_108_piece0 on 192.168.56.1:56546 in memory (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO Executor: Finished task 2.0 in stage 194.0 (TID 632). 962 bytes result sent to driver
19/02/20 20:33:00 INFO TaskSetManager: Starting task 6.0 in stage 194.0 (TID 636, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:33:00 INFO Executor: Running task 6.0 in stage 194.0 (TID 636)
19/02/20 20:33:00 INFO TaskSetManager: Finished task 2.0 in stage 194.0 (TID 632) in 19 ms on localhost (executor driver) (1/11)
19/02/20 20:33:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:33:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:33:00 INFO BlockManagerInfo: Removed broadcast_103_piece0 on 192.168.56.1:56546 in memory (size: 2.7 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO Executor: Finished task 0.0 in stage 194.0 (TID 630). 962 bytes result sent to driver
19/02/20 20:33:00 INFO TaskSetManager: Starting task 7.0 in stage 194.0 (TID 637, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:33:00 INFO TaskSetManager: Finished task 0.0 in stage 194.0 (TID 630) in 25 ms on localhost (executor driver) (2/11)
19/02/20 20:33:00 INFO Executor: Running task 7.0 in stage 194.0 (TID 637)
19/02/20 20:33:00 INFO BlockManagerInfo: Removed broadcast_113_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO BlockManagerInfo: Removed broadcast_120_piece0 on 192.168.56.1:56546 in memory (size: 3.1 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:33:00 INFO Executor: Finished task 1.0 in stage 194.0 (TID 631). 1005 bytes result sent to driver
19/02/20 20:33:00 INFO TaskSetManager: Starting task 8.0 in stage 194.0 (TID 638, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:33:00 INFO ContextCleaner: Cleaned shuffle 39
19/02/20 20:33:00 INFO TaskSetManager: Finished task 1.0 in stage 194.0 (TID 631) in 28 ms on localhost (executor driver) (3/11)
19/02/20 20:33:00 INFO Executor: Running task 8.0 in stage 194.0 (TID 638)
19/02/20 20:33:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:33:00 INFO BlockManagerInfo: Removed broadcast_119_piece0 on 192.168.56.1:56546 in memory (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO Executor: Finished task 8.0 in stage 193.0 (TID 627). 876 bytes result sent to driver
19/02/20 20:33:00 INFO TaskSetManager: Starting task 9.0 in stage 194.0 (TID 639, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:33:00 INFO Executor: Running task 9.0 in stage 194.0 (TID 639)
19/02/20 20:33:00 INFO Executor: Finished task 9.0 in stage 193.0 (TID 628). 876 bytes result sent to driver
19/02/20 20:33:00 INFO TaskSetManager: Starting task 10.0 in stage 194.0 (TID 640, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:33:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:33:00 INFO TaskSetManager: Finished task 8.0 in stage 193.0 (TID 627) in 36 ms on localhost (executor driver) (10/11)
19/02/20 20:33:00 INFO Executor: Running task 10.0 in stage 194.0 (TID 640)
19/02/20 20:33:00 INFO ContextCleaner: Cleaned shuffle 15
19/02/20 20:33:00 INFO TaskSetManager: Finished task 9.0 in stage 193.0 (TID 628) in 35 ms on localhost (executor driver) (11/11)
19/02/20 20:33:00 INFO TaskSchedulerImpl: Removed TaskSet 193.0, whose tasks have all completed, from pool
19/02/20 20:33:00 INFO DAGScheduler: ShuffleMapStage 193 (filter at RelativeStrengthIndex.java:61) finished in 0.060 s
19/02/20 20:33:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:33:00 INFO DAGScheduler: running: Set(ShuffleMapStage 194)
19/02/20 20:33:00 INFO DAGScheduler: waiting: Set(ResultStage 195)
19/02/20 20:33:00 INFO DAGScheduler: failed: Set()
19/02/20 20:33:00 INFO BlockManagerInfo: Removed broadcast_117_piece0 on 192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)

19/02/20 20:33:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:33:00 INFO Executor: Finished task 7.0 in stage 194.0 (TID 637). 962 bytes result sent to driver
19/02/20 20:33:00 INFO TaskSetManager: Finished task 7.0 in stage 194.0 (TID 637) in 12 ms on localhost (executor driver) (4/11)
19/02/20 20:33:00 INFO BlockManagerInfo: Removed broadcast_114_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO Executor: Finished task 6.0 in stage 194.0 (TID 636). 1005 bytes result sent to driver
19/02/20 20:33:00 INFO TaskSetManager: Finished task 6.0 in stage 194.0 (TID 636) in 18 ms on localhost (executor driver) (5/11)
19/02/20 20:33:00 INFO BlockManagerInfo: Removed broadcast_123_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO Executor: Finished task 3.0 in stage 194.0 (TID 633). 962 bytes result sent to driver
19/02/20 20:33:00 INFO Executor: Finished task 5.0 in stage 194.0 (TID 635). 919 bytes result sent to driver
19/02/20 20:33:00 INFO TaskSetManager: Finished task 3.0 in stage 194.0 (TID 633) in 28 ms on localhost (executor driver) (6/11)
19/02/20 20:33:00 INFO ContextCleaner: Cleaned shuffle 28
19/02/20 20:33:00 INFO TaskSetManager: Finished task 5.0 in stage 194.0 (TID 635) in 25 ms on localhost (executor driver) (7/11)
19/02/20 20:33:00 INFO ContextCleaner: Cleaned shuffle 24
19/02/20 20:33:00 INFO ContextCleaner: Cleaned shuffle 26
19/02/20 20:33:00 INFO Executor: Finished task 4.0 in stage 194.0 (TID 634). 919 bytes result sent to driver
19/02/20 20:33:00 INFO TaskSetManager: Finished task 4.0 in stage 194.0 (TID 634) in 27 ms on localhost (executor driver) (8/11)
19/02/20 20:33:00 INFO BlockManagerInfo: Removed broadcast_124_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO Executor: Finished task 10.0 in stage 194.0 (TID 640). 962 bytes result sent to driver
19/02/20 20:33:00 INFO TaskSetManager: Finished task 10.0 in stage 194.0 (TID 640) in 13 ms on localhost (executor driver) (9/11)
19/02/20 20:33:00 INFO BlockManagerInfo: Removed broadcast_105_piece0 on 192.168.56.1:56546 in memory (size: 3.0 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO BlockManagerInfo: Removed broadcast_107_piece0 on 192.168.56.1:56546 in memory (size: 3.0 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO Executor: Finished task 9.0 in stage 194.0 (TID 639). 919 bytes result sent to driver
19/02/20 20:33:00 INFO TaskSetManager: Finished task 9.0 in stage 194.0 (TID 639) in 17 ms on localhost (executor driver) (10/11)
19/02/20 20:33:00 INFO BlockManagerInfo: Removed broadcast_110_piece0 on 192.168.56.1:56546 in memory (size: 3.8 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO Executor: Finished task 8.0 in stage 194.0 (TID 638). 962 bytes result sent to driver
19/02/20 20:33:00 INFO TaskSetManager: Finished task 8.0 in stage 194.0 (TID 638) in 22 ms on localhost (executor driver) (11/11)
19/02/20 20:33:00 INFO TaskSchedulerImpl: Removed TaskSet 194.0, whose tasks have all completed, from pool
19/02/20 20:33:00 INFO BlockManagerInfo: Removed broadcast_122_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO DAGScheduler: ShuffleMapStage 194 (filter at RelativeStrengthIndex.java:54) finished in 0.054 s
19/02/20 20:33:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:33:00 INFO DAGScheduler: running: Set()
19/02/20 20:33:00 INFO DAGScheduler: waiting: Set(ResultStage 195)
19/02/20 20:33:00 INFO DAGScheduler: failed: Set()
19/02/20 20:33:00 INFO DAGScheduler: Submitting ResultStage 195 (MapPartitionsRDD[419] at saveAsTextFile at RelativeStrengthIndex.java:125), which has no missing parents
19/02/20 20:33:00 INFO BlockManagerInfo: Removed broadcast_104_piece0 on 192.168.56.1:56546 in memory (size: 2.7 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO ContextCleaner: Cleaned shuffle 29

19/02/20 20:33:00 INFO BlockManagerInfo: Removed broadcast_115_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO BlockManagerInfo: Removed broadcast_112_piece0 on 192.168.56.1:56546 in memory (size: 3.2 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO MemoryStore: Block broadcast_128 stored as values in memory (estimated size 53.4 KB, free 2.2 GB)
19/02/20 20:33:00 INFO MemoryStore: Block broadcast_128_piece0 stored as bytes in memory (estimated size 19.3 KB, free 2.2 GB)
19/02/20 20:33:00 INFO BlockManagerInfo: Added broadcast_128_piece0 in memory on 192.168.56.1:56546 (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:33:00 INFO SparkContext: Created broadcast 128 from broadcast at DAGScheduler.scala:1006
19/02/20 20:33:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 195 (MapPartitionsRDD[419] at saveAsTextFile at RelativeStrengthIndex.java:125) (first 15 tasks are for partitions Vector(0))
19/02/20 20:33:00 INFO TaskSchedulerImpl: Adding task set 195.0 with 1 tasks
19/02/20 20:33:00 INFO TaskSetManager: Starting task 0.0 in stage 195.0 (TID 641, localhost, executor driver, partition 0, ANY, 5682 bytes)
19/02/20 20:33:00 INFO Executor: Running task 0.0 in stage 195.0 (TID 641)
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Getting 7 non-empty blocks out of 11 blocks
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Getting 9 non-empty blocks out of 11 blocks
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks

out of 11 blocks
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Getting 7 non-empty blocks out of 11 blocks
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 11 blocks
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:33:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:33:00 INFO FileOutputCommitter: Saved output of task 'attempt_20190220203300_0195_m_000000_641' to file:/C:/Users/Public/output/Analyses3_Rsi_1550674980065/_temporary/0/task_20190220203300_0195_m_000000
19/02/20 20:33:00 INFO SparkHadoopMapRedUtil: attempt_20190220203300_0195_m_000000_641: Committed
19/02/20 20:33:00 INFO Executor: Finished task 0.0 in stage 195.0 (TID 641). 1096 bytes result sent to driver
19/02/20 20:33:00 INFO TaskSetManager: Finished task 0.0 in stage 195.0 (TID 641) in 127 ms on localhost (executor driver) (1/1)
19/02/20 20:33:00 INFO TaskSchedulerImpl: Removed TaskSet 195.0, whose tasks have all completed, from pool
19/02/20 20:33:00 INFO DAGScheduler: ResultStage 195 (saveAsTextFile at RelativeStrengthIndex.java:125) finished in 0.127 s
19/02/20 20:33:00 INFO DAGScheduler: Job 53 finished: saveAsTextFile at RelativeStrengthIndex.java:125, took 0.220855 s
19/02/20 20:33:00 INFO JobScheduler: Finished job streaming job 1550674980000 ms.0 from job set of time 1550674980000 ms
19/02/20 20:33:00 INFO JobScheduler: Total delay: 0.397 s for time 1550674980000 ms (execution: 0.333 s)
19/02/20 20:33:00 INFO MapPartitionsRDD: Removing RDD 2 from persistence list
19/02/20 20:33:00 INFO BlockManager: Removing RDD 2
19/02/20 20:33:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673780000 ms:
19/02/20 20:33:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673780000 ms:
19/02/20 20:33:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673780000 ms:
19/02/20 20:33:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673780000 ms:
19/02/20 20:33:00 INFO MapPartitionsRDD: Removing RDD 391 from persistence list
19/02/20 20:33:00 INFO BlockManager: Removing RDD 391
19/02/20 20:33:00 INFO MapPartitionsRDD: Removing RDD 390 from persistence list
19/02/20 20:33:00 INFO ShuffledRDD: Removing RDD 385 from persistence list
19/02/20 20:33:00 INFO BlockManager: Removing RDD 390
19/02/20 20:33:00 INFO BlockManager: Removing RDD 385
19/02/20 20:33:00 INFO MapPartitionsRDD: Removing RDD 384 from persistence list
19/02/20 20:33:00 INFO BlockManager: Removing RDD 384
19/02/20 20:33:00 INFO MapPartitionsRDD: Removing RDD 383 from persistence list
19/02/20 20:33:00 INFO BlockManager: Removing RDD 383
19/02/20 20:33:00 INFO MapPartitionsRDD: Removing RDD 382 from persistence list
19/02/20 20:33:00 INFO UnionRDD: Removing RDD 381 from persistence list
19/02/20 20:33:00 INFO BlockManager: Removing RDD 382
19/02/20 20:33:00 INFO BlockManager: Removing RDD 381
19/02/20 20:33:00 INFO FileInputDStream: Cleared 0 old files that were older

than 1550673780000 ms:
19/02/20 20:33:00 INFO ShuffledRDD: Removing RDD 387 from persistence list
19/02/20 20:33:00 INFO BlockManager: Removing RDD 387
19/02/20 20:33:00 INFO MapPartitionsRDD: Removing RDD 386 from persistence list
19/02/20 20:33:00 INFO BlockManager: Removing RDD 386
19/02/20 20:33:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550673780000 ms:
19/02/20 20:33:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550673780000 ms:
19/02/20 20:33:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:33:00 INFO InputInfoTracker: remove old batch metadata:
19/02/20 20:34:00 INFO MappedDStream: Time 1550675040000 ms is invalid as
zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is
1320000 ms
19/02/20 20:34:00 INFO FlatMappedDStream: Time 1550675040000 ms is invalid as
zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is
1320000 ms
19/02/20 20:34:00 INFO TransformedDStream: Time 1550675040000 ms is invalid as
zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is
1320000 ms
19/02/20 20:34:00 INFO MappedDStream: Slicing from 1550674500000 ms to
1550675040000 ms (aligned to 1550674500000 ms and 1550675040000 ms)
19/02/20 20:34:00 INFO FileInputDStream: Finding new files took 19 ms
19/02/20 20:34:00 INFO FileInputDStream: New files at time 1550675040000 ms:
file:/C:/Users/Public/JSON/stocks_price_1550675004.8665013.json
19/02/20 20:34:00 INFO MemoryStore: Block broadcast_129 stored as values in
memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:34:00 INFO MemoryStore: Block broadcast_129_piece0 stored as bytes
in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:34:00 INFO BlockManagerInfo: Added broadcast_129_piece0 in memory on
192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:34:00 INFO SparkContext: Created broadcast 129 from textFileStream
at SparkAnalysesDriver.java:52
19/02/20 20:34:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:34:00 INFO TransformedDStream: Time 1550675040000 ms is invalid as
zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is
1320000 ms
19/02/20 20:34:00 INFO JobScheduler: Added jobs for time 1550675040000 ms
19/02/20 20:34:00 INFO JobScheduler: Starting job streaming job 1550675040000
ms.0 from job set of time 1550675040000 ms
19/02/20 20:34:00 INFO SparkContext: Starting job: saveAsTextFile at
RelativeStrengthIndex.java:125
19/02/20 20:34:00 INFO DAGScheduler: Registering RDD 428 (filter at
RelativeStrengthIndex.java:61)
19/02/20 20:34:00 INFO DAGScheduler: Registering RDD 426 (filter at
RelativeStrengthIndex.java:54)
19/02/20 20:34:00 INFO DAGScheduler: Got job 54 (saveAsTextFile at
RelativeStrengthIndex.java:125) with 1 output partitions
19/02/20 20:34:00 INFO DAGScheduler: Final stage: ResultStage 198
(saveAsTextFile at RelativeStrengthIndex.java:125)
19/02/20 20:34:00 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 197, ShuffleMapStage 196)
19/02/20 20:34:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 197,
ShuffleMapStage 196)
19/02/20 20:34:00 INFO DAGScheduler: Submitting ShuffleMapStage 196
(MapPartitionsRDD[428] at filter at RelativeStrengthIndex.java:61), which has no
missing parents
19/02/20 20:34:00 INFO MemoryStore: Block broadcast_130 stored as values in
memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:34:00 INFO MemoryStore: Block broadcast_130_piece0 stored as bytes
in memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:34:00 INFO BlockManagerInfo: Added broadcast_130_piece0 in memory on
192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:34:00 INFO SparkContext: Created broadcast 130 from broadcast at

DAGScheduler.scala:1006
19/02/20 20:34:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 196 (MapPartitionsRDD[428] at filter at RelativeStrengthIndex.java:61) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:34:00 INFO TaskSchedulerImpl: Adding task set 196.0 with 11 tasks
19/02/20 20:34:00 INFO DAGScheduler: Submitting ShuffleMapStage 197 (MapPartitionsRDD[426] at filter at RelativeStrengthIndex.java:54), which has no missing parents
19/02/20 20:34:00 INFO TaskSetManager: Starting task 0.0 in stage 196.0 (TID 642, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:34:00 INFO TaskSetManager: Starting task 1.0 in stage 196.0 (TID 643, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:34:00 INFO TaskSetManager: Starting task 2.0 in stage 196.0 (TID 644, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:34:00 INFO TaskSetManager: Starting task 3.0 in stage 196.0 (TID 645, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:34:00 INFO TaskSetManager: Starting task 4.0 in stage 196.0 (TID 646, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:34:00 INFO TaskSetManager: Starting task 5.0 in stage 196.0 (TID 647, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:34:00 INFO TaskSetManager: Starting task 6.0 in stage 196.0 (TID 648, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:34:00 INFO TaskSetManager: Starting task 7.0 in stage 196.0 (TID 649, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:34:00 INFO Executor: Running task 0.0 in stage 196.0 (TID 642)
19/02/20 20:34:00 INFO Executor: Running task 5.0 in stage 196.0 (TID 647)
19/02/20 20:34:00 INFO Executor: Running task 7.0 in stage 196.0 (TID 649)
19/02/20 20:34:00 INFO Executor: Running task 2.0 in stage 196.0 (TID 644)
19/02/20 20:34:00 INFO Executor: Running task 1.0 in stage 196.0 (TID 643)
19/02/20 20:34:00 INFO Executor: Running task 3.0 in stage 196.0 (TID 645)
19/02/20 20:34:00 INFO MemoryStore: Block broadcast_131 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:34:00 INFO Executor: Running task 4.0 in stage 196.0 (TID 646)
19/02/20 20:34:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:34:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:34:00 INFO Executor: Running task 6.0 in stage 196.0 (TID 648)
19/02/20 20:34:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:34:00 INFO MemoryStore: Block broadcast_131_piece0 stored as bytes in memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:34:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:34:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:34:00 INFO BlockManagerInfo: Added broadcast_131_piece0 in memory on 192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:34:00 INFO SparkContext: Created broadcast 131 from broadcast at DAGScheduler.scala:1006
19/02/20 20:34:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:34:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 197 (MapPartitionsRDD[426] at filter at RelativeStrengthIndex.java:54) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:34:00 INFO TaskSchedulerImpl: Adding task set 197.0 with 11 tasks
19/02/20 20:34:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:34:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:34:00 INFO Executor: Finished task 5.0 in stage 196.0 (TID 647). 876 bytes result sent to driver
19/02/20 20:34:00 INFO TaskSetManager: Starting task 8.0 in stage 196.0 (TID 650, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:34:00 INFO Executor: Running task 8.0 in stage 196.0 (TID 650)
19/02/20 20:34:00 INFO TaskSetManager: Finished task 5.0 in stage 196.0 (TID 647) in 16 ms on localhost (executor driver) (1/11)
19/02/20 20:34:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:34:00 INFO Executor: Finished task 6.0 in stage 196.0 (TID 648). 919 bytes result sent to driver

19/02/20 20:34:00 INFO TaskSetManager: Starting task 9.0 in stage 196.0 (TID 651, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:34:00 INFO TaskSetManager: Finished task 6.0 in stage 196.0 (TID 648) in 16 ms on localhost (executor driver) (2/11)
19/02/20 20:34:00 INFO Executor: Running task 9.0 in stage 196.0 (TID 651)
19/02/20 20:34:00 INFO Executor: Finished task 4.0 in stage 196.0 (TID 646). 919 bytes result sent to driver
19/02/20 20:34:00 INFO TaskSetManager: Starting task 10.0 in stage 196.0 (TID 652, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:34:00 INFO TaskSetManager: Finished task 4.0 in stage 196.0 (TID 646) in 16 ms on localhost (executor driver) (3/11)
19/02/20 20:34:00 INFO Executor: Running task 10.0 in stage 196.0 (TID 652)
19/02/20 20:34:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:34:00 INFO Executor: Finished task 3.0 in stage 196.0 (TID 645). 919 bytes result sent to driver
19/02/20 20:34:00 INFO TaskSetManager: Starting task 0.0 in stage 197.0 (TID 653, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:34:00 INFO TaskSetManager: Finished task 3.0 in stage 196.0 (TID 645) in 16 ms on localhost (executor driver) (4/11)
19/02/20 20:34:00 INFO Executor: Running task 0.0 in stage 197.0 (TID 653)
19/02/20 20:34:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550675004.8665013.json:0+682
19/02/20 20:34:00 INFO Executor: Finished task 1.0 in stage 196.0 (TID 643). 919 bytes result sent to driver
19/02/20 20:34:00 INFO TaskSetManager: Starting task 1.0 in stage 197.0 (TID 654, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:34:00 INFO BlockManager: Found block rdd_227_0 locally
19/02/20 20:34:00 INFO Executor: Running task 1.0 in stage 197.0 (TID 654)
19/02/20 20:34:00 INFO Executor: Finished task 8.0 in stage 196.0 (TID 650). 790 bytes result sent to driver
19/02/20 20:34:00 INFO TaskSetManager: Finished task 1.0 in stage 196.0 (TID 643) in 16 ms on localhost (executor driver) (5/11)
19/02/20 20:34:00 INFO TaskSetManager: Starting task 2.0 in stage 197.0 (TID 655, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:34:00 INFO MemoryStore: Block rdd_422_0 stored as bytes in memory (estimated size 686.0 B, free 2.2 GB)
19/02/20 20:34:00 INFO Executor: Running task 2.0 in stage 197.0 (TID 655)
19/02/20 20:34:00 INFO BlockManagerInfo: Added rdd_422_0 in memory on 192.168.56.1:56546 (size: 686.0 B, free: 2.2 GB)
19/02/20 20:34:00 INFO TaskSetManager: Finished task 8.0 in stage 196.0 (TID 650) in 16 ms on localhost (executor driver) (6/11)
19/02/20 20:34:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:34:00 INFO Executor: Finished task 9.0 in stage 196.0 (TID 651). 876 bytes result sent to driver
19/02/20 20:34:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:34:00 INFO TaskSetManager: Starting task 3.0 in stage 197.0 (TID 656, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:34:00 INFO Executor: Running task 3.0 in stage 197.0 (TID 656)
19/02/20 20:34:00 INFO TaskSetManager: Finished task 9.0 in stage 196.0 (TID 651) in 0 ms on localhost (executor driver) (7/11)
19/02/20 20:34:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:34:00 INFO Executor: Finished task 2.0 in stage 196.0 (TID 644). 962 bytes result sent to driver
19/02/20 20:34:00 INFO TaskSetManager: Starting task 4.0 in stage 197.0 (TID 657, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:34:00 INFO Executor: Running task 4.0 in stage 197.0 (TID 657)
19/02/20 20:34:00 INFO TaskSetManager: Finished task 2.0 in stage 196.0 (TID 644) in 16 ms on localhost (executor driver) (8/11)
19/02/20 20:34:00 INFO Executor: Finished task 0.0 in stage 196.0 (TID 642). 962 bytes result sent to driver
19/02/20 20:34:00 INFO TaskSetManager: Starting task 5.0 in stage 197.0 (TID 658, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:34:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:34:00 INFO TaskSetManager: Finished task 0.0 in stage 196.0 (TID

642) in 16 ms on localhost (executor driver) (9/11)
19/02/20 20:34:00 INFO Executor: Running task 5.0 in stage 197.0 (TID 658)
19/02/20 20:34:00 INFO Executor: Finished task 7.0 in stage 196.0 (TID 649). 876 bytes result sent to driver
19/02/20 20:34:00 INFO TaskSetManager: Starting task 6.0 in stage 197.0 (TID 659, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:34:00 INFO Executor: Running task 6.0 in stage 197.0 (TID 659)
19/02/20 20:34:00 INFO TaskSetManager: Finished task 7.0 in stage 196.0 (TID 649) in 32 ms on localhost (executor driver) (10/11)
19/02/20 20:34:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:34:00 INFO Executor: Finished task 2.0 in stage 197.0 (TID 655). 962 bytes result sent to driver
19/02/20 20:34:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:34:00 INFO TaskSetManager: Starting task 7.0 in stage 197.0 (TID 660, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:34:00 INFO Executor: Running task 7.0 in stage 197.0 (TID 660)
19/02/20 20:34:00 INFO TaskSetManager: Finished task 2.0 in stage 197.0 (TID 655) in 16 ms on localhost (executor driver) (1/11)
19/02/20 20:34:00 INFO Executor: Finished task 1.0 in stage 197.0 (TID 654). 919 bytes result sent to driver
19/02/20 20:34:00 INFO TaskSetManager: Starting task 8.0 in stage 197.0 (TID 661, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:34:00 INFO TaskSetManager: Finished task 1.0 in stage 197.0 (TID 654) in 16 ms on localhost (executor driver) (2/11)
19/02/20 20:34:00 INFO Executor: Running task 8.0 in stage 197.0 (TID 661)
19/02/20 20:34:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:34:00 INFO Executor: Finished task 10.0 in stage 196.0 (TID 652). 1616 bytes result sent to driver
19/02/20 20:34:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:34:00 INFO TaskSetManager: Starting task 9.0 in stage 197.0 (TID 662, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:34:00 INFO Executor: Running task 9.0 in stage 197.0 (TID 662)
19/02/20 20:34:00 INFO TaskSetManager: Finished task 10.0 in stage 196.0 (TID 652) in 16 ms on localhost (executor driver) (11/11)
19/02/20 20:34:00 INFO TaskSchedulerImpl: Removed TaskSet 196.0, whose tasks have all completed, from pool
19/02/20 20:34:00 INFO DAGScheduler: ShuffleMapStage 196 (filter at RelativeStrengthIndex.java:61) finished in 0.032 s
19/02/20 20:34:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:34:00 INFO DAGScheduler: running: Set(ShuffleMapStage 197)
19/02/20 20:34:00 INFO DAGScheduler: waiting: Set(ResultStage 198)
19/02/20 20:34:00 INFO DAGScheduler: failed: Set()
19/02/20 20:34:00 INFO Executor: Finished task 0.0 in stage 197.0 (TID 653). 919 bytes result sent to driver
19/02/20 20:34:00 INFO TaskSetManager: Starting task 10.0 in stage 197.0 (TID 663, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:34:00 INFO Executor: Running task 10.0 in stage 197.0 (TID 663)
19/02/20 20:34:00 INFO TaskSetManager: Finished task 0.0 in stage 197.0 (TID 653) in 16 ms on localhost (executor driver) (3/11)
19/02/20 20:34:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:34:00 INFO Executor: Finished task 7.0 in stage 197.0 (TID 660). 876 bytes result sent to driver
19/02/20 20:34:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:34:00 INFO TaskSetManager: Finished task 7.0 in stage 197.0 (TID 660) in 0 ms on localhost (executor driver) (4/11)
19/02/20 20:34:00 INFO Executor: Finished task 6.0 in stage 197.0 (TID 659). 876 bytes result sent to driver
19/02/20 20:34:00 INFO TaskSetManager: Finished task 6.0 in stage 197.0 (TID 659) in 0 ms on localhost (executor driver) (5/11)
19/02/20 20:34:00 INFO Executor: Finished task 5.0 in stage 197.0 (TID 658). 962 bytes result sent to driver
19/02/20 20:34:00 INFO TaskSetManager: Finished task 5.0 in stage 197.0 (TID 658) in 16 ms on localhost (executor driver) (6/11)
19/02/20 20:34:00 INFO Executor: Finished task 4.0 in stage 197.0 (TID 657). 876

bytes result sent to driver
19/02/20 20:34:00 INFO TaskSetManager: Finished task 4.0 in stage 197.0 (TID 657) in 16 ms on localhost (executor driver) (7/11)
19/02/20 20:34:00 INFO Executor: Finished task 3.0 in stage 197.0 (TID 656). 919 bytes result sent to driver
19/02/20 20:34:00 INFO TaskSetManager: Finished task 3.0 in stage 197.0 (TID 656) in 16 ms on localhost (executor driver) (8/11)
19/02/20 20:34:00 INFO Executor: Finished task 10.0 in stage 197.0 (TID 663). 876 bytes result sent to driver
19/02/20 20:34:00 INFO TaskSetManager: Finished task 10.0 in stage 197.0 (TID 663) in 15 ms on localhost (executor driver) (9/11)
19/02/20 20:34:00 INFO Executor: Finished task 9.0 in stage 197.0 (TID 662). 962 bytes result sent to driver
19/02/20 20:34:00 INFO TaskSetManager: Finished task 9.0 in stage 197.0 (TID 662) in 15 ms on localhost (executor driver) (10/11)
19/02/20 20:34:00 INFO Executor: Finished task 8.0 in stage 197.0 (TID 661). 919 bytes result sent to driver
19/02/20 20:34:00 INFO TaskSetManager: Finished task 8.0 in stage 197.0 (TID 661) in 15 ms on localhost (executor driver) (11/11)
19/02/20 20:34:00 INFO TaskSchedulerImpl: Removed TaskSet 197.0, whose tasks have all completed, from pool
19/02/20 20:34:00 INFO DAGScheduler: ShuffleMapStage 197 (filter at RelativeStrengthIndex.java:54) finished in 0.047 s
19/02/20 20:34:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:34:00 INFO DAGScheduler: running: Set()
19/02/20 20:34:00 INFO DAGScheduler: waiting: Set(ResultStage 198)
19/02/20 20:34:00 INFO DAGScheduler: failed: Set()
19/02/20 20:34:00 INFO DAGScheduler: Submitting ResultStage 198 (MapPartitionsRDD[435] at saveAsTextFile at RelativeStrengthIndex.java:125), which has no missing parents
19/02/20 20:34:00 INFO MemoryStore: Block broadcast_132 stored as values in memory (estimated size 53.4 KB, free 2.2 GB)
19/02/20 20:34:00 INFO MemoryStore: Block broadcast_132_piece0 stored as bytes in memory (estimated size 19.3 KB, free 2.2 GB)
19/02/20 20:34:00 INFO BlockManagerInfo: Added broadcast_132_piece0 in memory on 192.168.56.1:56546 (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:34:00 INFO SparkContext: Created broadcast 132 from broadcast at DAGScheduler.scala:1006
19/02/20 20:34:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 198 (MapPartitionsRDD[435] at saveAsTextFile at RelativeStrengthIndex.java:125) (first 15 tasks are for partitions Vector(0))
19/02/20 20:34:00 INFO TaskSchedulerImpl: Adding task set 198.0 with 1 tasks
19/02/20 20:34:00 INFO TaskSetManager: Starting task 0.0 in stage 198.0 (TID 664, localhost, executor driver, partition 0, ANY, 5682 bytes)
19/02/20 20:34:00 INFO Executor: Running task 0.0 in stage 198.0 (TID 664)
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms

0 ms
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Getting 6 non-empty blocks out of 11 blocks
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Getting 9 non-empty blocks out of 11 blocks
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Getting 7 non-empty blocks out of 11 blocks
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 11 blocks
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:34:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:34:00 INFO FileOutputCommitter: Saved output of task 'attempt_20190220203400_0198_m_000000_664' to file:/C:/Users/Public/output/Analyses3_Rsi_1550675040053/_temporary/0/task_20190220203400_0198_m_000000
19/02/20 20:34:00 INFO SparkHadoopMapRedUtil: attempt_20190220203400_0198_m_000000_664: Committed
19/02/20 20:34:00 INFO Executor: Finished task 0.0 in stage 198.0 (TID 664). 1053 bytes result sent to driver
19/02/20 20:34:00 INFO TaskSetManager: Finished task 0.0 in stage 198.0 (TID 664) in 141 ms on localhost (executor driver) (1/1)
19/02/20 20:34:00 INFO TaskSchedulerImpl: Removed TaskSet 198.0, whose tasks have all completed, from pool
19/02/20 20:34:00 INFO DAGScheduler: ResultStage 198 (saveAsTextFile at RelativeStrengthIndex.java:125) finished in 0.141 s
19/02/20 20:34:00 INFO DAGScheduler: Job 54 finished: saveAsTextFile at RelativeStrengthIndex.java:125, took 0.196069 s
19/02/20 20:34:00 INFO JobScheduler: Finished job streaming job 1550675040000 ms.0 from job set of time 1550675040000 ms
19/02/20 20:34:00 INFO JobScheduler: Total delay: 0.365 s for time 1550675040000

ms (execution: 0.312 s)

19/02/20 20:34:00 INFO MapPartitionsRDD: Removing RDD 16 from persistence list

19/02/20 20:34:00 INFO BlockManager: Removing RDD 16

19/02/20 20:34:00 INFO FileInputDStream: Cleared 1 old files that were older than 1550673840000 ms: 1550673780000 ms

19/02/20 20:34:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673840000 ms:

19/02/20 20:34:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673840000 ms:

19/02/20 20:34:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673840000 ms:

19/02/20 20:34:00 INFO MapPartitionsRDD: Removing RDD 417 from persistence list

19/02/20 20:34:00 INFO BlockManager: Removing RDD 417

19/02/20 20:34:00 INFO MapPartitionsRDD: Removing RDD 416 from persistence list

19/02/20 20:34:00 INFO BlockManager: Removing RDD 416

19/02/20 20:34:00 INFO ShuffledRDD: Removing RDD 411 from persistence list

19/02/20 20:34:00 INFO BlockManager: Removing RDD 411

19/02/20 20:34:00 INFO MapPartitionsRDD: Removing RDD 410 from persistence list

19/02/20 20:34:00 INFO BlockManager: Removing RDD 410

19/02/20 20:34:00 INFO MapPartitionsRDD: Removing RDD 409 from persistence list

19/02/20 20:34:00 INFO BlockManager: Removing RDD 409

19/02/20 20:34:00 INFO MapPartitionsRDD: Removing RDD 408 from persistence list

19/02/20 20:34:00 INFO BlockManager: Removing RDD 408

19/02/20 20:34:00 INFO UnionRDD: Removing RDD 407 from persistence list

19/02/20 20:34:00 INFO BlockManager: Removing RDD 407

19/02/20 20:34:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673840000 ms:

19/02/20 20:34:00 INFO ShuffledRDD: Removing RDD 413 from persistence list

19/02/20 20:34:00 INFO BlockManager: Removing RDD 413

19/02/20 20:34:00 INFO MapPartitionsRDD: Removing RDD 412 from persistence list

19/02/20 20:34:00 INFO BlockManager: Removing RDD 412

19/02/20 20:34:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673840000 ms:

19/02/20 20:34:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673840000 ms:

19/02/20 20:34:00 INFO ReceivedBlockTracker: Deleting batches:

19/02/20 20:34:00 INFO InputInfoTracker: remove old batch metadata: 1550673780000 ms

19/02/20 20:35:00 INFO MappedDStream: Time 1550675100000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1380000 ms

19/02/20 20:35:00 INFO FlatMappedDStream: Time 1550675100000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1380000 ms

19/02/20 20:35:00 INFO TransformedDStream: Time 1550675100000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1380000 ms

19/02/20 20:35:00 INFO MappedDStream: Slicing from 1550674560000 ms to 1550675100000 ms (aligned to 1550674560000 ms and 1550675100000 ms)

19/02/20 20:35:00 INFO FileInputDStream: Finding new files took 19 ms

19/02/20 20:35:00 INFO FileInputDStream: New files at time 1550675100000 ms: file:/C:/Users/Public/JSON/stocks_price_1550675058.8322916.json

19/02/20 20:35:00 INFO MemoryStore: Block broadcast_133 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)

19/02/20 20:35:00 INFO MemoryStore: Block broadcast_133_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)

19/02/20 20:35:00 INFO BlockManagerInfo: Added broadcast_133_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)

19/02/20 20:35:00 INFO SparkContext: Created broadcast 133 from textFileStream at SparkAnalysesDriver.java:52

19/02/20 20:35:00 INFO FileInputFormat: Total input paths to process : 1

19/02/20 20:35:00 INFO TransformedDStream: Time 1550675100000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 1380000 ms

19/02/20 20:35:00 INFO JobScheduler: Added jobs for time 1550675100000 ms
19/02/20 20:35:00 INFO JobScheduler: Starting job streaming job 1550675100000 ms.
ms.0 from job set of time 1550675100000 ms
19/02/20 20:35:00 INFO SparkContext: Starting job: saveAsTextFile at RelativeStrengthIndex.java:125
19/02/20 20:35:00 INFO DAGScheduler: Registering RDD 444 (filter at RelativeStrengthIndex.java:61)
19/02/20 20:35:00 INFO DAGScheduler: Registering RDD 442 (filter at RelativeStrengthIndex.java:54)
19/02/20 20:35:00 INFO DAGScheduler: Got job 55 (saveAsTextFile at RelativeStrengthIndex.java:125) with 1 output partitions
19/02/20 20:35:00 INFO DAGScheduler: Final stage: ResultStage 201 (saveAsTextFile at RelativeStrengthIndex.java:125)
19/02/20 20:35:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 199, ShuffleMapStage 200)
19/02/20 20:35:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 199, ShuffleMapStage 200)
19/02/20 20:35:00 INFO DAGScheduler: Submitting ShuffleMapStage 199 (MapPartitionsRDD[444] at filter at RelativeStrengthIndex.java:61), which has no missing parents
19/02/20 20:35:00 INFO MemoryStore: Block broadcast_134 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:35:00 INFO MemoryStore: Block broadcast_134_piece0 stored as bytes in memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:35:00 INFO BlockManagerInfo: Added broadcast_134_piece0 in memory on 192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:35:00 INFO SparkContext: Created broadcast 134 from broadcast at DAGScheduler.scala:1006
19/02/20 20:35:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 199 (MapPartitionsRDD[444] at filter at RelativeStrengthIndex.java:61) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:35:00 INFO TaskSchedulerImpl: Adding task set 199.0 with 11 tasks
19/02/20 20:35:00 INFO DAGScheduler: Submitting ShuffleMapStage 200 (MapPartitionsRDD[442] at filter at RelativeStrengthIndex.java:54), which has no missing parents
19/02/20 20:35:00 INFO TaskSetManager: Starting task 0.0 in stage 199.0 (TID 665, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:35:00 INFO TaskSetManager: Starting task 1.0 in stage 199.0 (TID 666, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:35:00 INFO TaskSetManager: Starting task 2.0 in stage 199.0 (TID 667, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:35:00 INFO TaskSetManager: Starting task 3.0 in stage 199.0 (TID 668, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:35:00 INFO TaskSetManager: Starting task 4.0 in stage 199.0 (TID 669, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:35:00 INFO TaskSetManager: Starting task 5.0 in stage 199.0 (TID 670, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:35:00 INFO TaskSetManager: Starting task 6.0 in stage 199.0 (TID 671, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:35:00 INFO TaskSetManager: Starting task 7.0 in stage 199.0 (TID 672, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:35:00 INFO Executor: Running task 5.0 in stage 199.0 (TID 670)
19/02/20 20:35:00 INFO Executor: Running task 4.0 in stage 199.0 (TID 669)
19/02/20 20:35:00 INFO Executor: Running task 1.0 in stage 199.0 (TID 666)
19/02/20 20:35:00 INFO Executor: Running task 3.0 in stage 199.0 (TID 668)
19/02/20 20:35:00 INFO Executor: Running task 0.0 in stage 199.0 (TID 665)
19/02/20 20:35:00 INFO Executor: Running task 2.0 in stage 199.0 (TID 667)
19/02/20 20:35:00 INFO Executor: Running task 7.0 in stage 199.0 (TID 672)
19/02/20 20:35:00 INFO Executor: Running task 6.0 in stage 199.0 (TID 671)
19/02/20 20:35:00 INFO MemoryStore: Block broadcast_135 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:35:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:35:00 INFO BlockManager: Found block rdd_243_0 locally

19/02/20 20:35:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:35:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:35:00 INFO MemoryStore: Block broadcast_135_piece0 stored as bytes in memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:35:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:35:00 INFO BlockManagerInfo: Added broadcast_135_piece0 in memory on 192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:35:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:35:00 INFO SparkContext: Created broadcast 135 from broadcast at DAGScheduler.scala:1006
19/02/20 20:35:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:35:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:35:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 200 (MapPartitionsRDD[442] at filter at RelativeStrengthIndex.java:54) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:35:00 INFO TaskSchedulerImpl: Adding task set 200.0 with 11 tasks
19/02/20 20:35:00 INFO Executor: Finished task 6.0 in stage 199.0 (TID 671). 790 bytes result sent to driver
19/02/20 20:35:00 INFO TaskSetManager: Starting task 8.0 in stage 199.0 (TID 673, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:35:00 INFO Executor: Running task 8.0 in stage 199.0 (TID 673)
19/02/20 20:35:00 INFO TaskSetManager: Finished task 6.0 in stage 199.0 (TID 671) in 16 ms on localhost (executor driver) (1/11)
19/02/20 20:35:00 INFO Executor: Finished task 5.0 in stage 199.0 (TID 670). 962 bytes result sent to driver
19/02/20 20:35:00 INFO TaskSetManager: Starting task 9.0 in stage 199.0 (TID 674, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:35:00 INFO Executor: Running task 9.0 in stage 199.0 (TID 674)
19/02/20 20:35:00 INFO TaskSetManager: Finished task 5.0 in stage 199.0 (TID 670) in 16 ms on localhost (executor driver) (2/11)
19/02/20 20:35:00 INFO Executor: Finished task 7.0 in stage 199.0 (TID 672). 833 bytes result sent to driver
19/02/20 20:35:00 INFO TaskSetManager: Starting task 10.0 in stage 199.0 (TID 675, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:35:00 INFO Executor: Running task 10.0 in stage 199.0 (TID 675)
19/02/20 20:35:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:35:00 INFO TaskSetManager: Finished task 7.0 in stage 199.0 (TID 672) in 16 ms on localhost (executor driver) (3/11)
19/02/20 20:35:00 INFO NewHadoopRDD: Input split: file:/C:/Users/Public/JSON/stocks_price_1550675058.8322916.json:0+681
19/02/20 20:35:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:35:00 INFO Executor: Finished task 1.0 in stage 199.0 (TID 666). 962 bytes result sent to driver
19/02/20 20:35:00 INFO TaskSetManager: Starting task 0.0 in stage 200.0 (TID 676, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:35:00 INFO TaskSetManager: Finished task 1.0 in stage 199.0 (TID 666) in 16 ms on localhost (executor driver) (4/11)
19/02/20 20:35:00 INFO Executor: Running task 0.0 in stage 200.0 (TID 676)
19/02/20 20:35:00 INFO Executor: Finished task 3.0 in stage 199.0 (TID 668). 962 bytes result sent to driver
19/02/20 20:35:00 INFO TaskSetManager: Starting task 1.0 in stage 200.0 (TID 677, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:35:00 INFO TaskSetManager: Finished task 3.0 in stage 199.0 (TID 668) in 16 ms on localhost (executor driver) (5/11)
19/02/20 20:35:00 INFO Executor: Running task 1.0 in stage 200.0 (TID 677)
19/02/20 20:35:00 INFO BlockManager: Found block rdd_243_0 locally
19/02/20 20:35:00 INFO Executor: Finished task 4.0 in stage 199.0 (TID 669). 919 bytes result sent to driver
19/02/20 20:35:00 INFO MemoryStore: Block rdd_438_0 stored as bytes in memory (estimated size 685.0 B, free 2.2 GB)
19/02/20 20:35:00 INFO TaskSetManager: Starting task 2.0 in stage 200.0 (TID 678, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:35:00 INFO BlockManagerInfo: Added rdd_438_0 in memory on

192.168.56.1:56546 (size: 685.0 B, free: 2.2 GB)
19/02/20 20:35:00 INFO Executor: Running task 2.0 in stage 200.0 (TID 678)
19/02/20 20:35:00 INFO TaskSetManager: Finished task 4.0 in stage 199.0 (TID 669) in 16 ms on localhost (executor driver) (6/11)
19/02/20 20:35:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:35:00 INFO Executor: Finished task 0.0 in stage 199.0 (TID 665). 919 bytes result sent to driver
19/02/20 20:35:00 INFO TaskSetManager: Starting task 3.0 in stage 200.0 (TID 679, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:35:00 INFO TaskSetManager: Finished task 0.0 in stage 199.0 (TID 665) in 16 ms on localhost (executor driver) (7/11)
19/02/20 20:35:00 INFO Executor: Running task 3.0 in stage 200.0 (TID 679)
19/02/20 20:35:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:35:00 INFO Executor: Finished task 2.0 in stage 199.0 (TID 667). 919 bytes result sent to driver
19/02/20 20:35:00 INFO TaskSetManager: Starting task 4.0 in stage 200.0 (TID 680, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:35:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:35:00 INFO Executor: Running task 4.0 in stage 200.0 (TID 680)
19/02/20 20:35:00 INFO TaskSetManager: Finished task 2.0 in stage 199.0 (TID 667) in 16 ms on localhost (executor driver) (8/11)
19/02/20 20:35:00 INFO Executor: Finished task 0.0 in stage 200.0 (TID 676). 876 bytes result sent to driver
19/02/20 20:35:00 INFO TaskSetManager: Starting task 5.0 in stage 200.0 (TID 681, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:35:00 INFO Executor: Running task 5.0 in stage 200.0 (TID 681)
19/02/20 20:35:00 INFO TaskSetManager: Finished task 0.0 in stage 200.0 (TID 676) in 0 ms on localhost (executor driver) (1/11)
19/02/20 20:35:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:35:00 INFO Executor: Finished task 9.0 in stage 199.0 (TID 674). 876 bytes result sent to driver
19/02/20 20:35:00 INFO TaskSetManager: Starting task 6.0 in stage 200.0 (TID 682, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:35:00 INFO TaskSetManager: Finished task 9.0 in stage 199.0 (TID 674) in 0 ms on localhost (executor driver) (9/11)
19/02/20 20:35:00 INFO Executor: Running task 6.0 in stage 200.0 (TID 682)
19/02/20 20:35:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:35:00 INFO Executor: Finished task 8.0 in stage 199.0 (TID 673). 876 bytes result sent to driver
19/02/20 20:35:00 INFO TaskSetManager: Starting task 7.0 in stage 200.0 (TID 683, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:35:00 INFO TaskSetManager: Finished task 8.0 in stage 199.0 (TID 673) in 16 ms on localhost (executor driver) (10/11)
19/02/20 20:35:00 INFO Executor: Running task 7.0 in stage 200.0 (TID 683)
19/02/20 20:35:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:35:00 INFO Executor: Finished task 4.0 in stage 200.0 (TID 680). 876 bytes result sent to driver
19/02/20 20:35:00 INFO TaskSetManager: Starting task 8.0 in stage 200.0 (TID 684, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:35:00 INFO Executor: Running task 8.0 in stage 200.0 (TID 684)
19/02/20 20:35:00 INFO Executor: Finished task 3.0 in stage 200.0 (TID 679). 876 bytes result sent to driver
19/02/20 20:35:00 INFO TaskSetManager: Starting task 9.0 in stage 200.0 (TID 685, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:35:00 INFO TaskSetManager: Finished task 3.0 in stage 200.0 (TID 679) in 16 ms on localhost (executor driver) (2/11)
19/02/20 20:35:00 INFO Executor: Running task 9.0 in stage 200.0 (TID 685)
19/02/20 20:35:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:35:00 INFO TaskSetManager: Finished task 4.0 in stage 200.0 (TID 680) in 16 ms on localhost (executor driver) (3/11)
19/02/20 20:35:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:35:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:35:00 INFO Executor: Finished task 2.0 in stage 200.0 (TID 678). 919 bytes result sent to driver

19/02/20 20:35:00 INFO TaskSetManager: Starting task 10.0 in stage 200.0 (TID 686, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:35:00 INFO TaskSetManager: Finished task 2.0 in stage 200.0 (TID 678) in 16 ms on localhost (executor driver) (4/11)
19/02/20 20:35:00 INFO Executor: Running task 10.0 in stage 200.0 (TID 686)
19/02/20 20:35:00 INFO Executor: Finished task 10.0 in stage 199.0 (TID 675). 1616 bytes result sent to driver
19/02/20 20:35:00 INFO TaskSetManager: Finished task 10.0 in stage 199.0 (TID 675) in 16 ms on localhost (executor driver) (11/11)
19/02/20 20:35:00 INFO TaskSchedulerImpl: Removed TaskSet 199.0, whose tasks have all completed, from pool
19/02/20 20:35:00 INFO DAGScheduler: ShuffleMapStage 199 (filter at RelativeStrengthIndex.java:61) finished in 0.032 s
19/02/20 20:35:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:35:00 INFO DAGScheduler: running: Set(ShuffleMapStage 200)
19/02/20 20:35:00 INFO DAGScheduler: waiting: Set(ResultStage 201)
19/02/20 20:35:00 INFO DAGScheduler: failed: Set()
19/02/20 20:35:00 INFO BlockManager: Found block rdd_438_0 locally
19/02/20 20:35:00 INFO Executor: Finished task 1.0 in stage 200.0 (TID 677). 919 bytes result sent to driver
19/02/20 20:35:00 INFO TaskSetManager: Finished task 1.0 in stage 200.0 (TID 677) in 16 ms on localhost (executor driver) (5/11)
19/02/20 20:35:00 INFO Executor: Finished task 9.0 in stage 200.0 (TID 685). 876 bytes result sent to driver
19/02/20 20:35:00 INFO TaskSetManager: Finished task 9.0 in stage 200.0 (TID 685) in 0 ms on localhost (executor driver) (6/11)
19/02/20 20:35:00 INFO Executor: Finished task 8.0 in stage 200.0 (TID 684). 876 bytes result sent to driver
19/02/20 20:35:00 INFO TaskSetManager: Finished task 8.0 in stage 200.0 (TID 684) in 0 ms on localhost (executor driver) (7/11)
19/02/20 20:35:00 INFO Executor: Finished task 7.0 in stage 200.0 (TID 683). 962 bytes result sent to driver
19/02/20 20:35:00 INFO TaskSetManager: Finished task 7.0 in stage 200.0 (TID 683) in 16 ms on localhost (executor driver) (8/11)
19/02/20 20:35:00 INFO Executor: Finished task 6.0 in stage 200.0 (TID 682). 962 bytes result sent to driver
19/02/20 20:35:00 INFO TaskSetManager: Finished task 6.0 in stage 200.0 (TID 682) in 16 ms on localhost (executor driver) (9/11)
19/02/20 20:35:00 INFO Executor: Finished task 5.0 in stage 200.0 (TID 681). 962 bytes result sent to driver
19/02/20 20:35:00 INFO TaskSetManager: Finished task 5.0 in stage 200.0 (TID 681) in 16 ms on localhost (executor driver) (10/11)
19/02/20 20:35:00 INFO Executor: Finished task 10.0 in stage 200.0 (TID 686). 876 bytes result sent to driver
19/02/20 20:35:00 INFO TaskSetManager: Finished task 10.0 in stage 200.0 (TID 686) in 0 ms on localhost (executor driver) (11/11)
19/02/20 20:35:00 INFO TaskSchedulerImpl: Removed TaskSet 200.0, whose tasks have all completed, from pool
19/02/20 20:35:00 INFO DAGScheduler: ShuffleMapStage 200 (filter at RelativeStrengthIndex.java:54) finished in 0.032 s
19/02/20 20:35:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:35:00 INFO DAGScheduler: running: Set()
19/02/20 20:35:00 INFO DAGScheduler: waiting: Set(ResultStage 201)
19/02/20 20:35:00 INFO DAGScheduler: failed: Set()
19/02/20 20:35:00 INFO DAGScheduler: Submitting ResultStage 201 (MapPartitionsRDD[451] at saveAsTextFile at RelativeStrengthIndex.java:125), which has no missing parents
19/02/20 20:35:00 INFO MemoryStore: Block broadcast_136 stored as values in memory (estimated size 53.4 KB, free 2.2 GB)
19/02/20 20:35:00 INFO MemoryStore: Block broadcast_136_piece0 stored as bytes in memory (estimated size 19.3 KB, free 2.2 GB)
19/02/20 20:35:00 INFO BlockManagerInfo: Added broadcast_136_piece0 in memory on 192.168.56.1:56546 (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:35:00 INFO SparkContext: Created broadcast 136 from broadcast at

DAGScheduler.scala:1006

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19/02/20 20:35:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage
201 (MapPartitionsRDD[451] at saveAsTextFile at RelativeStrengthIndex.java:125)
(first 15 tasks are for partitions Vector(0))
19/02/20 20:35:00 INFO TaskSchedulerImpl: Adding task set 201.0 with 1 tasks
19/02/20 20:35:00 INFO TaskSetManager: Starting task 0.0 in stage 201.0 (TID
687, localhost, executor driver, partition 0, ANY, 5682 bytes)
19/02/20 20:35:00 INFO Executor: Running task 0.0 in stage 201.0 (TID 687)
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Getting 6 non-empty blocks
out of 11 blocks
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Getting 9 non-empty blocks
out of 11 blocks
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Getting 6 non-empty blocks
out of 11 blocks
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Getting 2 non-empty blocks
out of 11 blocks
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
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19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:35:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:35:00 INFO FileOutputCommitter: Saved output of task 'attempt_20190220203500_0201_m_000000_687' to file:/C:/Users/Public/output/Analyses3_Rsi_1550675100053/_temporary/0/task_20190220203500_0201_m_000000
19/02/20 20:35:00 INFO SparkHadoopMapRedUtil: attempt_20190220203500_0201_m_000000_687: Committed
19/02/20 20:35:00 INFO Executor: Finished task 0.0 in stage 201.0 (TID 687). 1053 bytes result sent to driver
19/02/20 20:35:00 INFO TaskSetManager: Finished task 0.0 in stage 201.0 (TID 687) in 125 ms on localhost (executor driver) (1/1)
19/02/20 20:35:00 INFO TaskSchedulerImpl: Removed TaskSet 201.0, whose tasks have all completed, from pool
19/02/20 20:35:00 INFO DAGScheduler: ResultStage 201 (saveAsTextFile at RelativeStrengthIndex.java:125) finished in 0.125 s
19/02/20 20:35:00 INFO DAGScheduler: Job 55 finished: saveAsTextFile at RelativeStrengthIndex.java:125, took 0.170744 s
19/02/20 20:35:00 INFO JobScheduler: Finished job streaming job 1550675100000 ms.0 from job set of time 1550675100000 ms
19/02/20 20:35:00 INFO MapPartitionsRDD: Removing RDD 30 from persistence list
19/02/20 20:35:00 INFO JobScheduler: Total delay: 0.365 s for time 1550675100000 ms (execution: 0.312 s)
19/02/20 20:35:00 INFO BlockManager: Removing RDD 30
19/02/20 20:35:00 INFO FileInputDStream: Cleared 1 old files that were older than 1550673900000 ms: 1550673840000 ms
19/02/20 20:35:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673900000 ms:
19/02/20 20:35:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673900000 ms:
19/02/20 20:35:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673900000 ms:
19/02/20 20:35:00 INFO MapPartitionsRDD: Removing RDD 433 from persistence list
19/02/20 20:35:00 INFO BlockManager: Removing RDD 433
19/02/20 20:35:00 INFO MapPartitionsRDD: Removing RDD 432 from persistence list
19/02/20 20:35:00 INFO BlockManager: Removing RDD 432
19/02/20 20:35:00 INFO ShuffledRDD: Removing RDD 427 from persistence list
19/02/20 20:35:00 INFO BlockManager: Removing RDD 427
19/02/20 20:35:00 INFO MapPartitionsRDD: Removing RDD 426 from persistence list
19/02/20 20:35:00 INFO MapPartitionsRDD: Removing RDD 425 from persistence list
19/02/20 20:35:00 INFO BlockManager: Removing RDD 426
19/02/20 20:35:00 INFO BlockManager: Removing RDD 425
19/02/20 20:35:00 INFO MapPartitionsRDD: Removing RDD 424 from persistence list
19/02/20 20:35:00 INFO BlockManager: Removing RDD 424
19/02/20 20:35:00 INFO UnionRDD: Removing RDD 423 from persistence list
19/02/20 20:35:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673900000 ms:
19/02/20 20:35:00 INFO BlockManager: Removing RDD 423
19/02/20 20:35:00 INFO ShuffledRDD: Removing RDD 429 from persistence list
19/02/20 20:35:00 INFO BlockManager: Removing RDD 429
19/02/20 20:35:00 INFO MapPartitionsRDD: Removing RDD 428 from persistence list
19/02/20 20:35:00 INFO BlockManager: Removing RDD 428
19/02/20 20:35:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673900000 ms:
19/02/20 20:35:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550673900000 ms:
19/02/20 20:35:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:35:00 INFO InputInfoTracker: remove old batch metadata:

1550673840000 ms
19/02/20 20:36:00 INFO MappedDStream: Time 1550675160000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1440000 ms
19/02/20 20:36:00 INFO FlatMappedDStream: Time 1550675160000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1440000 ms
19/02/20 20:36:00 INFO TransformedDStream: Time 1550675160000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1440000 ms
19/02/20 20:36:00 INFO MappedDStream: Slicing from 1550674620000 ms to 1550675160000 ms (aligned to 1550674620000 ms and 1550675160000 ms)
19/02/20 20:36:00 INFO FileInputDStream: Finding new files took 30 ms
19/02/20 20:36:00 INFO FileInputDStream: New files at time 1550675160000 ms: file:/C:/Users/Public/JSON/stocks_price_1550675115.3344486.json
19/02/20 20:36:00 INFO MemoryStore: Block broadcast_137 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:36:00 INFO MemoryStore: Block broadcast_137_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:36:00 INFO BlockManagerInfo: Added broadcast_137_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:36:00 INFO SparkContext: Created broadcast 137 from textFileStream at SparkAnalysesDriver.java:52
19/02/20 20:36:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:36:00 INFO TransformedDStream: Time 1550675160000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 1440000 ms
19/02/20 20:36:00 INFO JobScheduler: Added jobs for time 1550675160000 ms
19/02/20 20:36:00 INFO JobScheduler: Starting job streaming job 1550675160000 ms.0 from job set of time 1550675160000 ms
19/02/20 20:36:00 INFO SparkContext: Starting job: saveAsTextFile at RelativeStrengthIndex.java:125
19/02/20 20:36:00 INFO DAGScheduler: Registering RDD 460 (filter at RelativeStrengthIndex.java:61)
19/02/20 20:36:00 INFO DAGScheduler: Registering RDD 458 (filter at RelativeStrengthIndex.java:54)
19/02/20 20:36:00 INFO DAGScheduler: Got job 56 (saveAsTextFile at RelativeStrengthIndex.java:125) with 1 output partitions
19/02/20 20:36:00 INFO DAGScheduler: Final stage: ResultStage 204 (saveAsTextFile at RelativeStrengthIndex.java:125)
19/02/20 20:36:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 202, ShuffleMapStage 203)
19/02/20 20:36:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 202, ShuffleMapStage 203)
19/02/20 20:36:00 INFO DAGScheduler: Submitting ShuffleMapStage 202 (MapPartitionsRDD[460] at filter at RelativeStrengthIndex.java:61), which has no missing parents
19/02/20 20:36:00 INFO MemoryStore: Block broadcast_138 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:36:00 INFO MemoryStore: Block broadcast_138_piece0 stored as bytes in memory (estimated size 5.1 KB, free 2.2 GB)
19/02/20 20:36:00 INFO BlockManagerInfo: Added broadcast_138_piece0 in memory on 192.168.56.1:56546 (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:36:00 INFO SparkContext: Created broadcast 138 from broadcast at DAGScheduler.scala:1006
19/02/20 20:36:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 202 (MapPartitionsRDD[460] at filter at RelativeStrengthIndex.java:61) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:36:00 INFO TaskSchedulerImpl: Adding task set 202.0 with 11 tasks
19/02/20 20:36:00 INFO DAGScheduler: Submitting ShuffleMapStage 203 (MapPartitionsRDD[458] at filter at RelativeStrengthIndex.java:54), which has no missing parents
19/02/20 20:36:00 INFO TaskSetManager: Starting task 0.0 in stage 202.0 (TID

688, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:36:00 INFO TaskSetManager: Starting task 1.0 in stage 202.0 (TID 689, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:36:00 INFO TaskSetManager: Starting task 2.0 in stage 202.0 (TID 690, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:36:00 INFO TaskSetManager: Starting task 3.0 in stage 202.0 (TID 691, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:36:00 INFO TaskSetManager: Starting task 4.0 in stage 202.0 (TID 692, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:36:00 INFO TaskSetManager: Starting task 5.0 in stage 202.0 (TID 693, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:36:00 INFO TaskSetManager: Starting task 6.0 in stage 202.0 (TID 694, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:36:00 INFO TaskSetManager: Starting task 7.0 in stage 202.0 (TID 695, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:36:00 INFO Executor: Running task 5.0 in stage 202.0 (TID 693)
19/02/20 20:36:00 INFO Executor: Running task 0.0 in stage 202.0 (TID 688)
19/02/20 20:36:00 INFO Executor: Running task 3.0 in stage 202.0 (TID 691)
19/02/20 20:36:00 INFO Executor: Running task 1.0 in stage 202.0 (TID 689)
19/02/20 20:36:00 INFO Executor: Running task 4.0 in stage 202.0 (TID 692)
19/02/20 20:36:00 INFO Executor: Running task 2.0 in stage 202.0 (TID 690)
19/02/20 20:36:00 INFO Executor: Running task 6.0 in stage 202.0 (TID 694)
19/02/20 20:36:00 INFO Executor: Running task 7.0 in stage 202.0 (TID 695)
19/02/20 20:36:00 INFO MemoryStore: Block broadcast_139 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:36:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:36:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:36:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:36:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:36:00 INFO MemoryStore: Block broadcast_139_piece0 stored as bytes in memory (estimated size 5.1 KB, free 2.2 GB)
19/02/20 20:36:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:36:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:36:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:36:00 INFO BlockManagerInfo: Added broadcast_139_piece0 in memory on 192.168.56.1:56546 (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:36:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:36:00 INFO SparkContext: Created broadcast 139 from broadcast at DAGScheduler.scala:1006
19/02/20 20:36:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 203 (MapPartitionsRDD[458] at filter at RelativeStrengthIndex.java:54) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:36:00 INFO TaskSchedulerImpl: Adding task set 203.0 with 11 tasks
19/02/20 20:36:00 INFO Executor: Finished task 4.0 in stage 202.0 (TID 692). 962 bytes result sent to driver
19/02/20 20:36:00 INFO TaskSetManager: Starting task 8.0 in stage 202.0 (TID 696, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:36:00 INFO Executor: Running task 8.0 in stage 202.0 (TID 696)
19/02/20 20:36:00 INFO TaskSetManager: Finished task 4.0 in stage 202.0 (TID 692) in 7 ms on localhost (executor driver) (1/11)
19/02/20 20:36:00 INFO Executor: Finished task 3.0 in stage 202.0 (TID 691). 962 bytes result sent to driver
19/02/20 20:36:00 INFO TaskSetManager: Starting task 9.0 in stage 202.0 (TID 697, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:36:00 INFO Executor: Running task 9.0 in stage 202.0 (TID 697)
19/02/20 20:36:00 INFO TaskSetManager: Finished task 3.0 in stage 202.0 (TID 691) in 8 ms on localhost (executor driver) (2/11)
19/02/20 20:36:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:36:00 INFO BlockManager: Found block rdd_438_0 locally
19/02/20 20:36:00 INFO Executor: Finished task 2.0 in stage 202.0 (TID 690). 1005 bytes result sent to driver
19/02/20 20:36:00 INFO TaskSetManager: Starting task 10.0 in stage 202.0 (TID 698, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:36:00 INFO Executor: Running task 10.0 in stage 202.0 (TID 698)
19/02/20 20:36:00 INFO TaskSetManager: Finished task 2.0 in stage 202.0 (TID 690) in 10 ms on localhost (executor driver) (3/11)
19/02/20 20:36:00 INFO Executor: Finished task 5.0 in stage 202.0 (TID 693). 876 bytes result sent to driver
19/02/20 20:36:00 INFO TaskSetManager: Starting task 0.0 in stage 203.0 (TID 699, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:36:00 INFO Executor: Running task 0.0 in stage 203.0 (TID 699)
19/02/20 20:36:00 INFO TaskSetManager: Finished task 5.0 in stage 202.0 (TID 693) in 11 ms on localhost (executor driver) (4/11)
19/02/20 20:36:00 INFO Executor: Finished task 6.0 in stage 202.0 (TID 694). 876 bytes result sent to driver
19/02/20 20:36:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550675115.3344486.json:0+681
19/02/20 20:36:00 INFO TaskSetManager: Starting task 1.0 in stage 203.0 (TID 700, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:36:00 INFO Executor: Running task 1.0 in stage 203.0 (TID 700)
19/02/20 20:36:00 INFO TaskSetManager: Finished task 6.0 in stage 202.0 (TID 694) in 12 ms on localhost (executor driver) (5/11)
19/02/20 20:36:00 INFO BlockManager: Found block rdd_259_0 locally
19/02/20 20:36:00 INFO Executor: Finished task 1.0 in stage 202.0 (TID 689). 962 bytes result sent to driver
19/02/20 20:36:00 INFO TaskSetManager: Starting task 2.0 in stage 203.0 (TID 701, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:36:00 INFO TaskSetManager: Finished task 1.0 in stage 202.0 (TID 689) in 13 ms on localhost (executor driver) (6/11)
19/02/20 20:36:00 INFO Executor: Running task 2.0 in stage 203.0 (TID 701)
19/02/20 20:36:00 INFO MemoryStore: Block rdd_454_0 stored as bytes in memory (estimated size 685.0 B, free 2.2 GB)
19/02/20 20:36:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:36:00 INFO BlockManagerInfo: Added rdd_454_0 in memory on 192.168.56.1:56546 (size: 685.0 B, free: 2.2 GB)
19/02/20 20:36:00 INFO Executor: Finished task 7.0 in stage 202.0 (TID 695). 962 bytes result sent to driver
19/02/20 20:36:00 INFO TaskSetManager: Starting task 3.0 in stage 203.0 (TID 702, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:36:00 INFO Executor: Running task 3.0 in stage 203.0 (TID 702)
19/02/20 20:36:00 INFO TaskSetManager: Finished task 7.0 in stage 202.0 (TID 695) in 15 ms on localhost (executor driver) (7/11)
19/02/20 20:36:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:36:00 INFO Executor: Finished task 0.0 in stage 202.0 (TID 688). 962 bytes result sent to driver
19/02/20 20:36:00 INFO TaskSetManager: Starting task 4.0 in stage 203.0 (TID 703, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:36:00 INFO Executor: Running task 4.0 in stage 203.0 (TID 703)
19/02/20 20:36:00 INFO TaskSetManager: Finished task 0.0 in stage 202.0 (TID 688) in 17 ms on localhost (executor driver) (8/11)
19/02/20 20:36:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:36:00 INFO Executor: Finished task 0.0 in stage 203.0 (TID 699). 962 bytes result sent to driver
19/02/20 20:36:00 INFO TaskSetManager: Starting task 5.0 in stage 203.0 (TID 704, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:36:00 INFO TaskSetManager: Finished task 0.0 in stage 203.0 (TID 699) in 8 ms on localhost (executor driver) (1/11)
19/02/20 20:36:00 INFO Executor: Running task 5.0 in stage 203.0 (TID 704)
19/02/20 20:36:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:36:00 INFO Executor: Finished task 9.0 in stage 202.0 (TID 697). 1005 bytes result sent to driver
19/02/20 20:36:00 INFO TaskSetManager: Starting task 6.0 in stage 203.0 (TID 705, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:36:00 INFO Executor: Running task 6.0 in stage 203.0 (TID 705)
19/02/20 20:36:00 INFO TaskSetManager: Finished task 9.0 in stage 202.0 (TID 697) in 11 ms on localhost (executor driver) (9/11)
19/02/20 20:36:00 INFO BlockManager: Found block rdd_345_0 locally

19/02/20 20:36:00 INFO Executor: Finished task 8.0 in stage 202.0 (TID 696). 962 bytes result sent to driver
19/02/20 20:36:00 INFO TaskSetManager: Starting task 7.0 in stage 203.0 (TID 706, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:36:00 INFO Executor: Running task 7.0 in stage 203.0 (TID 706)
19/02/20 20:36:00 INFO TaskSetManager: Finished task 8.0 in stage 202.0 (TID 696) in 14 ms on localhost (executor driver) (10/11)
19/02/20 20:36:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:36:00 INFO Executor: Finished task 3.0 in stage 203.0 (TID 702). 962 bytes result sent to driver
19/02/20 20:36:00 INFO TaskSetManager: Starting task 8.0 in stage 203.0 (TID 707, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:36:00 INFO Executor: Running task 8.0 in stage 203.0 (TID 707)
19/02/20 20:36:00 INFO TaskSetManager: Finished task 3.0 in stage 203.0 (TID 702) in 7 ms on localhost (executor driver) (2/11)
19/02/20 20:36:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:36:00 INFO Executor: Finished task 2.0 in stage 203.0 (TID 701). 876 bytes result sent to driver
19/02/20 20:36:00 INFO TaskSetManager: Starting task 9.0 in stage 203.0 (TID 708, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:36:00 INFO Executor: Running task 9.0 in stage 203.0 (TID 708)
19/02/20 20:36:00 INFO TaskSetManager: Finished task 2.0 in stage 203.0 (TID 701) in 10 ms on localhost (executor driver) (3/11)
19/02/20 20:36:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:36:00 INFO Executor: Finished task 10.0 in stage 202.0 (TID 698). 1702 bytes result sent to driver
19/02/20 20:36:00 INFO TaskSetManager: Starting task 10.0 in stage 203.0 (TID 709, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:36:00 INFO BlockManager: Found block rdd_438_0 locally
19/02/20 20:36:00 INFO Executor: Running task 10.0 in stage 203.0 (TID 709)
19/02/20 20:36:00 INFO TaskSetManager: Finished task 10.0 in stage 202.0 (TID 698) in 15 ms on localhost (executor driver) (11/11)
19/02/20 20:36:00 INFO TaskSchedulerImpl: Removed TaskSet 202.0, whose tasks have all completed, from pool
19/02/20 20:36:00 INFO DAGScheduler: ShuffleMapStage 202 (filter at RelativeStrengthIndex.java:61) finished in 0.025 s
19/02/20 20:36:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:36:00 INFO DAGScheduler: running: Set(ShuffleMapStage 203)
19/02/20 20:36:00 INFO DAGScheduler: waiting: Set(ResultStage 204)
19/02/20 20:36:00 INFO DAGScheduler: failed: Set()
19/02/20 20:36:00 INFO Executor: Finished task 1.0 in stage 203.0 (TID 700). 1005 bytes result sent to driver
19/02/20 20:36:00 INFO TaskSetManager: Finished task 1.0 in stage 203.0 (TID 700) in 15 ms on localhost (executor driver) (4/11)
19/02/20 20:36:00 INFO BlockManager: Found block rdd_454_0 locally
19/02/20 20:36:00 INFO Executor: Finished task 7.0 in stage 203.0 (TID 706). 1005 bytes result sent to driver
19/02/20 20:36:00 INFO TaskSetManager: Finished task 7.0 in stage 203.0 (TID 706) in 6 ms on localhost (executor driver) (5/11)
19/02/20 20:36:00 INFO Executor: Finished task 6.0 in stage 203.0 (TID 705). 962 bytes result sent to driver
19/02/20 20:36:00 INFO TaskSetManager: Finished task 6.0 in stage 203.0 (TID 705) in 10 ms on localhost (executor driver) (6/11)
19/02/20 20:36:00 INFO Executor: Finished task 4.0 in stage 203.0 (TID 703). 962 bytes result sent to driver
19/02/20 20:36:00 INFO TaskSetManager: Finished task 4.0 in stage 203.0 (TID 703) in 14 ms on localhost (executor driver) (7/11)
19/02/20 20:36:00 INFO Executor: Finished task 5.0 in stage 203.0 (TID 704). 962 bytes result sent to driver
19/02/20 20:36:00 INFO TaskSetManager: Finished task 5.0 in stage 203.0 (TID 704) in 13 ms on localhost (executor driver) (8/11)
19/02/20 20:36:00 INFO Executor: Finished task 10.0 in stage 203.0 (TID 709). 876 bytes result sent to driver
19/02/20 20:36:00 INFO TaskSetManager: Finished task 10.0 in stage 203.0 (TID

709) in 7 ms on localhost (executor driver) (9/11)
19/02/20 20:36:00 INFO Executor: Finished task 9.0 in stage 203.0 (TID 708).
1005 bytes result sent to driver
19/02/20 20:36:00 INFO TaskSetManager: Finished task 9.0 in stage 203.0 (TID 708) in 10 ms on localhost (executor driver) (10/11)
19/02/20 20:36:00 INFO Executor: Finished task 8.0 in stage 203.0 (TID 707). 962 bytes result sent to driver
19/02/20 20:36:00 INFO TaskSetManager: Finished task 8.0 in stage 203.0 (TID 707) in 12 ms on localhost (executor driver) (11/11)
19/02/20 20:36:00 INFO TaskSchedulerImpl: Removed TaskSet 203.0, whose tasks have all completed, from pool
19/02/20 20:36:00 INFO DAGScheduler: ShuffleMapStage 203 (filter at RelativeStrengthIndex.java:54) finished in 0.030 s
19/02/20 20:36:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:36:00 INFO DAGScheduler: running: Set()
19/02/20 20:36:00 INFO DAGScheduler: waiting: Set(ResultStage 204)
19/02/20 20:36:00 INFO DAGScheduler: failed: Set()
19/02/20 20:36:00 INFO DAGScheduler: Submitting ResultStage 204 (MapPartitionsRDD[467] at saveAsTextFile at RelativeStrengthIndex.java:125), which has no missing parents
19/02/20 20:36:00 INFO MemoryStore: Block broadcast_140 stored as values in memory (estimated size 53.4 KB, free 2.2 GB)
19/02/20 20:36:00 INFO MemoryStore: Block broadcast_140_piece0 stored as bytes in memory (estimated size 19.3 KB, free 2.2 GB)
19/02/20 20:36:00 INFO BlockManagerInfo: Added broadcast_140_piece0 in memory on 192.168.56.1:56546 (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:36:00 INFO SparkContext: Created broadcast 140 from broadcast at DAGScheduler.scala:1006
19/02/20 20:36:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 204 (MapPartitionsRDD[467] at saveAsTextFile at RelativeStrengthIndex.java:125) (first 15 tasks are for partitions Vector(0))
19/02/20 20:36:00 INFO TaskSchedulerImpl: Adding task set 204.0 with 1 tasks
19/02/20 20:36:00 INFO TaskSetManager: Starting task 0.0 in stage 204.0 (TID 710, localhost, executor driver, partition 0, ANY, 5682 bytes)
19/02/20 20:36:00 INFO Executor: Running task 0.0 in stage 204.0 (TID 710)
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks

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out of 11 blocks
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Getting 6 non-empty blocks
out of 11 blocks
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Getting 9 non-empty blocks
out of 11 blocks
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Getting 5 non-empty blocks
out of 11 blocks
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Getting 3 non-empty blocks
out of 11 blocks
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:36:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:36:00 INFO FileOutputCommitter: Saved output of task
'attempt_20190220203600_0204_m_000000_710' to
file:/C:/Users/Public/output/Analyses3_Rsi_1550675160071/_temporary/0/task_20190
220203600_0204_m_000000
19/02/20 20:36:00 INFO SparkHadoopMapRedUtil:
attempt_20190220203600_0204_m_000000_710: Committed
19/02/20 20:36:00 INFO Executor: Finished task 0.0 in stage 204.0 (TID 710).
1096 bytes result sent to driver
19/02/20 20:36:00 INFO TaskSetManager: Finished task 0.0 in stage 204.0 (TID
710) in 127 ms on localhost (executor driver) (1/1)
19/02/20 20:36:00 INFO TaskSchedulerImpl: Removed TaskSet 204.0, whose tasks
have all completed, from pool
19/02/20 20:36:00 INFO DAGScheduler: ResultStage 204 (saveAsTextFile at
RelativeStrengthIndex.java:125) finished in 0.127 s
19/02/20 20:36:00 INFO DAGScheduler: Job 56 finished: saveAsTextFile at
RelativeStrengthIndex.java:125, took 0.173306 s
19/02/20 20:36:00 INFO JobScheduler: Finished job streaming job 1550675160000
ms.0 from job set of time 1550675160000 ms
19/02/20 20:36:00 INFO JobScheduler: Total delay: 0.363 s for time 1550675160000
ms (execution: 0.293 s)
19/02/20 20:36:00 INFO MapPartitionsRDD: Removing RDD 44 from persistence list
19/02/20 20:36:00 INFO BlockManager: Removing RDD 44
19/02/20 20:36:00 INFO FileInputDStream: Cleared 1 old files that were older
than 1550673960000 ms: 1550673900000 ms
19/02/20 20:36:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550673960000 ms:
19/02/20 20:36:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550673960000 ms:
19/02/20 20:36:00 INFO FileInputDStream: Cleared 0 old files that were older

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than 1550673960000 ms:
19/02/20 20:36:00 INFO MapPartitionsRDD: Removing RDD 449 from persistence list
19/02/20 20:36:00 INFO BlockManager: Removing RDD 449
19/02/20 20:36:00 INFO MapPartitionsRDD: Removing RDD 448 from persistence list
19/02/20 20:36:00 INFO BlockManager: Removing RDD 448
19/02/20 20:36:00 INFO ShuffledRDD: Removing RDD 443 from persistence list
19/02/20 20:36:00 INFO MapPartitionsRDD: Removing RDD 442 from persistence list
19/02/20 20:36:00 INFO BlockManager: Removing RDD 443
19/02/20 20:36:00 INFO BlockManager: Removing RDD 442
19/02/20 20:36:00 INFO MapPartitionsRDD: Removing RDD 441 from persistence list
19/02/20 20:36:00 INFO BlockManager: Removing RDD 441
19/02/20 20:36:00 INFO MapPartitionsRDD: Removing RDD 440 from persistence list
19/02/20 20:36:00 INFO BlockManager: Removing RDD 440
19/02/20 20:36:00 INFO UnionRDD: Removing RDD 439 from persistence list
19/02/20 20:36:00 INFO BlockManager: Removing RDD 439
19/02/20 20:36:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550673960000 ms:
19/02/20 20:36:00 INFO ShuffledRDD: Removing RDD 445 from persistence list
19/02/20 20:36:00 INFO BlockManager: Removing RDD 445
19/02/20 20:36:00 INFO MapPartitionsRDD: Removing RDD 444 from persistence list
19/02/20 20:36:00 INFO BlockManager: Removing RDD 444
19/02/20 20:36:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550673960000 ms:
19/02/20 20:36:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550673960000 ms:
19/02/20 20:36:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:36:00 INFO InputInfoTracker: remove old batch metadata:
1550673900000 ms
19/02/20 20:37:00 INFO MappedDStream: Slicing from 1550674680000 ms to
1550675220000 ms (aligned to 1550674680000 ms and 1550675220000 ms)
19/02/20 20:37:00 INFO FileInputDStream: Finding new files took 21 ms
19/02/20 20:37:00 INFO FileInputDStream: New files at time 1550675220000 ms:
file:/C:/Users/Public/JSON/stocks_price_1550675170.597192.json
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_141 stored as values in
memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_141_piece0 stored as bytes
in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:37:00 INFO BlockManagerInfo: Added broadcast_141_piece0 in memory on
192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO SparkContext: Created broadcast 141 from textFileStream
at SparkAnalysesDriver.java:52
19/02/20 20:37:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:37:00 INFO SparkContext: Starting job: sortByKey at
MaximumProfitStock.java:141
19/02/20 20:37:00 INFO DAGScheduler: Registering RDD 479 (mapToPair at
MaximumProfitStock.java:43)
19/02/20 20:37:00 INFO DAGScheduler: Registering RDD 481 (mapToPair at
MaximumProfitStock.java:94)
19/02/20 20:37:00 INFO DAGScheduler: Registering RDD 476 (mapToPair at
MaximumProfitStock.java:26)
19/02/20 20:37:00 INFO DAGScheduler: Registering RDD 478 (mapToPair at
MaximumProfitStock.java:75)
19/02/20 20:37:00 INFO DAGScheduler: Got job 57 (sortByKey at
MaximumProfitStock.java:141) with 8 output partitions
19/02/20 20:37:00 INFO DAGScheduler: Final stage: ResultStage 209 (sortByKey at
MaximumProfitStock.java:141)
19/02/20 20:37:00 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 208, ShuffleMapStage 206)
19/02/20 20:37:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 208,
ShuffleMapStage 206)
19/02/20 20:37:00 INFO DAGScheduler: Submitting ShuffleMapStage 205
(MapPartitionsRDD[479] at mapToPair at MaximumProfitStock.java:43), which has no
missing parents
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_142 stored as values in

memory (estimated size 10.0 KB, free 2.2 GB)
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_142_piece0 stored as bytes in memory (estimated size 4.8 KB, free 2.2 GB)
19/02/20 20:37:00 INFO BlockManagerInfo: Added broadcast_142_piece0 in memory on 192.168.56.1:56546 (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO SparkContext: Created broadcast 142 from broadcast at DAGScheduler.scala:1006
19/02/20 20:37:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 205 (MapPartitionsRDD[479] at mapToPair at MaximumProfitStock.java:43) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:37:00 INFO TaskSchedulerImpl: Adding task set 205.0 with 11 tasks
19/02/20 20:37:00 INFO DAGScheduler: Submitting ShuffleMapStage 207 (MapPartitionsRDD[476] at mapToPair at MaximumProfitStock.java:26), which has no missing parents
19/02/20 20:37:00 INFO TaskSetManager: Starting task 0.0 in stage 205.0 (TID 711, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 1.0 in stage 205.0 (TID 712, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 2.0 in stage 205.0 (TID 713, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 3.0 in stage 205.0 (TID 714, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 4.0 in stage 205.0 (TID 715, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 5.0 in stage 205.0 (TID 716, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 6.0 in stage 205.0 (TID 717, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 7.0 in stage 205.0 (TID 718, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO Executor: Running task 2.0 in stage 205.0 (TID 713)
19/02/20 20:37:00 INFO Executor: Running task 0.0 in stage 205.0 (TID 711)
19/02/20 20:37:00 INFO Executor: Running task 1.0 in stage 205.0 (TID 712)
19/02/20 20:37:00 INFO Executor: Running task 6.0 in stage 205.0 (TID 717)
19/02/20 20:37:00 INFO Executor: Running task 3.0 in stage 205.0 (TID 714)
19/02/20 20:37:00 INFO Executor: Running task 7.0 in stage 205.0 (TID 718)
19/02/20 20:37:00 INFO Executor: Running task 5.0 in stage 205.0 (TID 716)
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_143 stored as values in memory (estimated size 10.0 KB, free 2.2 GB)
19/02/20 20:37:00 INFO Executor: Running task 4.0 in stage 205.0 (TID 715)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:37:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:37:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:37:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_143_piece0 stored as bytes in memory (estimated size 4.8 KB, free 2.2 GB)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:37:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:37:00 INFO BlockManagerInfo: Added broadcast_143_piece0 in memory on 192.168.56.1:56546 (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO SparkContext: Created broadcast 143 from broadcast at DAGScheduler.scala:1006
19/02/20 20:37:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:37:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 207 (MapPartitionsRDD[476] at mapToPair at MaximumProfitStock.java:26) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:37:00 INFO TaskSchedulerImpl: Adding task set 207.0 with 11 tasks
19/02/20 20:37:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:37:00 INFO Executor: Finished task 1.0 in stage 205.0 (TID 712). 962 bytes result sent to driver
19/02/20 20:37:00 INFO Executor: Finished task 5.0 in stage 205.0 (TID 716). 1048 bytes result sent to driver

19/02/20 20:37:00 INFO TaskSetManager: Starting task 8.0 in stage 205.0 (TID 719, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 9.0 in stage 205.0 (TID 720, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO Executor: Running task 9.0 in stage 205.0 (TID 720)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 1.0 in stage 205.0 (TID 712) in 21 ms on localhost (executor driver) (1/11)
19/02/20 20:37:00 INFO Executor: Finished task 7.0 in stage 205.0 (TID 718). 1005 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 5.0 in stage 205.0 (TID 716) in 21 ms on localhost (executor driver) (2/11)
19/02/20 20:37:00 INFO Executor: Running task 8.0 in stage 205.0 (TID 719)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 10.0 in stage 205.0 (TID 721, localhost, executor driver, partition 10, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 7.0 in stage 205.0 (TID 718) in 22 ms on localhost (executor driver) (3/11)
19/02/20 20:37:00 INFO Executor: Running task 10.0 in stage 205.0 (TID 721)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_438_0 locally
19/02/20 20:37:00 INFO Executor: Finished task 6.0 in stage 205.0 (TID 717). 1048 bytes result sent to driver
19/02/20 20:37:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550675170.597192.json:0+680
19/02/20 20:37:00 INFO BlockManager: Found block rdd_454_0 locally
19/02/20 20:37:00 INFO Executor: Finished task 0.0 in stage 205.0 (TID 711). 1005 bytes result sent to driver
19/02/20 20:37:00 INFO BlockManagerInfo: Removed broadcast_131_piece0 on 192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 0.0 in stage 207.0 (TID 722, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 1.0 in stage 207.0 (TID 723, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 6.0 in stage 205.0 (TID 717) in 28 ms on localhost (executor driver) (4/11)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 0.0 in stage 205.0 (TID 711) in 28 ms on localhost (executor driver) (5/11)
19/02/20 20:37:00 INFO Executor: Running task 0.0 in stage 207.0 (TID 722)
19/02/20 20:37:00 INFO Executor: Running task 1.0 in stage 207.0 (TID 723)
19/02/20 20:37:00 INFO Executor: Finished task 4.0 in stage 205.0 (TID 715). 1048 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 2.0 in stage 207.0 (TID 724, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO Executor: Running task 2.0 in stage 207.0 (TID 724)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 4.0 in stage 205.0 (TID 715) in 30 ms on localhost (executor driver) (6/11)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:37:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:37:00 INFO BlockManagerInfo: Removed broadcast_135_piece0 on 192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:37:00 INFO MemoryStore: Block rdd_470_0 stored as bytes in memory (estimated size 684.0 B, free 2.2 GB)
19/02/20 20:37:00 INFO BlockManagerInfo: Added rdd_470_0 in memory on 192.168.56.1:56546 (size: 684.0 B, free: 2.2 GB)
19/02/20 20:37:00 INFO Executor: Finished task 3.0 in stage 205.0 (TID 714). 1005 bytes result sent to driver
19/02/20 20:37:00 INFO ContextCleaner: Cleaned shuffle 51
19/02/20 20:37:00 INFO ContextCleaner: Cleaned shuffle 55
19/02/20 20:37:00 INFO TaskSetManager: Starting task 3.0 in stage 207.0 (TID 725, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO ContextCleaner: Cleaned shuffle 50
19/02/20 20:37:00 INFO TaskSetManager: Finished task 3.0 in stage 205.0 (TID 714) in 33 ms on localhost (executor driver) (7/11)
19/02/20 20:37:00 INFO Executor: Running task 3.0 in stage 207.0 (TID 725)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_329_0 locally

19/02/20 20:37:00 INFO Executor: Finished task 9.0 in stage 205.0 (TID 720). 962 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 4.0 in stage 207.0 (TID 726, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO Executor: Running task 4.0 in stage 207.0 (TID 726)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 9.0 in stage 205.0 (TID 720) in 17 ms on localhost (executor driver) (8/11)
19/02/20 20:37:00 INFO BlockManagerInfo: Removed broadcast_134_piece0 on 192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO Executor: Finished task 8.0 in stage 205.0 (TID 719). 962 bytes result sent to driver
19/02/20 20:37:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:37:00 INFO TaskSetManager: Starting task 5.0 in stage 207.0 (TID 727, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 8.0 in stage 205.0 (TID 719) in 20 ms on localhost (executor driver) (9/11)
19/02/20 20:37:00 INFO Executor: Running task 5.0 in stage 207.0 (TID 727)
19/02/20 20:37:00 INFO Executor: Finished task 2.0 in stage 205.0 (TID 713). 1005 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 6.0 in stage 207.0 (TID 728, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:37:00 INFO TaskSetManager: Finished task 2.0 in stage 205.0 (TID 713) in 42 ms on localhost (executor driver) (10/11)
19/02/20 20:37:00 INFO Executor: Running task 6.0 in stage 207.0 (TID 728)
19/02/20 20:37:00 INFO ContextCleaner: Cleaned shuffle 53
19/02/20 20:37:00 INFO BlockManagerInfo: Removed broadcast_139_piece0 on 192.168.56.1:56546 in memory (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:37:00 INFO Executor: Finished task 0.0 in stage 207.0 (TID 722). 1005 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 7.0 in stage 207.0 (TID 729, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 0.0 in stage 207.0 (TID 722) in 20 ms on localhost (executor driver) (1/11)
19/02/20 20:37:00 INFO Executor: Running task 7.0 in stage 207.0 (TID 729)
19/02/20 20:37:00 INFO Executor: Finished task 3.0 in stage 207.0 (TID 725). 1005 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 8.0 in stage 207.0 (TID 730, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:37:00 INFO TaskSetManager: Finished task 3.0 in stage 207.0 (TID 725) in 16 ms on localhost (executor driver) (2/11)
19/02/20 20:37:00 INFO Executor: Running task 8.0 in stage 207.0 (TID 730)
19/02/20 20:37:00 INFO Executor: Finished task 6.0 in stage 207.0 (TID 728). 1005 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 9.0 in stage 207.0 (TID 731, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 6.0 in stage 207.0 (TID 728) in 8 ms on localhost (executor driver) (3/11)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_438_0 locally
19/02/20 20:37:00 INFO Executor: Running task 9.0 in stage 207.0 (TID 731)
19/02/20 20:37:00 INFO ContextCleaner: Cleaned shuffle 47
19/02/20 20:37:00 INFO BlockManagerInfo: Removed broadcast_126_piece0 on 192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_454_0 locally
19/02/20 20:37:00 INFO Executor: Finished task 10.0 in stage 205.0 (TID 721). 1702 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 10.0 in stage 207.0 (TID 732, localhost, executor driver, partition 10, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 10.0 in stage 205.0 (TID 721) in 32 ms on localhost (executor driver) (11/11)
19/02/20 20:37:00 INFO TaskSchedulerImpl: Removed TaskSet 205.0, whose tasks have all completed, from pool

19/02/20 20:37:00 INFO Executor: Running task 10.0 in stage 207.0 (TID 732)
19/02/20 20:37:00 INFO DAGScheduler: ShuffleMapStage 205 (mapToPair at MaximumProfitStock.java:43) finished in 0.053 s
19/02/20 20:37:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:37:00 INFO DAGScheduler: running: Set(ShuffleMapStage 207)
19/02/20 20:37:00 INFO DAGScheduler: waiting: Set(ShuffleMapStage 208, ResultStage 209, ShuffleMapStage 206)
19/02/20 20:37:00 INFO DAGScheduler: failed: Set()
19/02/20 20:37:00 INFO DAGScheduler: Submitting ShuffleMapStage 206 (MapPartitionsRDD[481] at mapToPair at MaximumProfitStock.java:94), which has no missing parents
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_144 stored as values in memory (estimated size 4.7 KB, free 2.2 GB)
19/02/20 20:37:00 INFO Executor: Finished task 1.0 in stage 207.0 (TID 723). 1005 bytes result sent to driver
19/02/20 20:37:00 INFO BlockManager: Found block rdd_470_0 locally
19/02/20 20:37:00 INFO TaskSetManager: Finished task 1.0 in stage 207.0 (TID 723) in 27 ms on localhost (executor driver) (4/11)
19/02/20 20:37:00 INFO Executor: Finished task 2.0 in stage 207.0 (TID 724). 1005 bytes result sent to driver
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_144_piece0 stored as bytes in memory (estimated size 2.7 KB, free 2.2 GB)
19/02/20 20:37:00 INFO BlockManagerInfo: Removed broadcast_136_piece0 on 192.168.56.1:56546 in memory (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 2.0 in stage 207.0 (TID 724) in 27 ms on localhost (executor driver) (5/11)
19/02/20 20:37:00 INFO BlockManagerInfo: Added broadcast_144_piece0 in memory on 192.168.56.1:56546 (size: 2.7 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO SparkContext: Created broadcast 144 from broadcast at DAGScheduler.scala:1006
19/02/20 20:37:00 INFO DAGScheduler: Submitting 8 missing tasks from ShuffleMapStage 206 (MapPartitionsRDD[481] at mapToPair at MaximumProfitStock.java:94) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7))
19/02/20 20:37:00 INFO TaskSchedulerImpl: Adding task set 206.0 with 8 tasks
19/02/20 20:37:00 INFO BlockManagerInfo: Removed broadcast_127_piece0 on 192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 0.0 in stage 206.0 (TID 733, localhost, executor driver, partition 0, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 1.0 in stage 206.0 (TID 734, localhost, executor driver, partition 1, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:37:00 INFO Executor: Running task 1.0 in stage 206.0 (TID 734)
19/02/20 20:37:00 INFO Executor: Running task 0.0 in stage 206.0 (TID 733)
19/02/20 20:37:00 INFO BlockManagerInfo: Removed broadcast_130_piece0 on 192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO Executor: Finished task 8.0 in stage 207.0 (TID 730). 919 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 2.0 in stage 206.0 (TID 735, localhost, executor driver, partition 2, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO Executor: Running task 2.0 in stage 206.0 (TID 735)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 8.0 in stage 207.0 (TID 730) in 10 ms on localhost (executor driver) (6/11)
19/02/20 20:37:00 INFO BlockManagerInfo: Removed broadcast_138_piece0 on 192.168.56.1:56546 in memory (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks

19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ContextCleaner: Cleaned shuffle 52
19/02/20 20:37:00 INFO Executor: Finished task 7.0 in stage 207.0 (TID 729). 919 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 3.0 in stage 206.0 (TID 736, localhost, executor driver, partition 3, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 7.0 in stage 207.0 (TID 729) in 14 ms on localhost (executor driver) (7/11)
19/02/20 20:37:00 INFO Executor: Running task 3.0 in stage 206.0 (TID 736)
19/02/20 20:37:00 INFO BlockManagerInfo: Removed broadcast_128_piece0 on 192.168.56.1:56546 in memory (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO Executor: Finished task 5.0 in stage 207.0 (TID 727). 962 bytes result sent to driver
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:37:00 INFO TaskSetManager: Starting task 5.0 in stage 206.0 (TID 737, localhost, executor driver, partition 5, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:37:00 INFO Executor: Running task 5.0 in stage 206.0 (TID 737)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 5.0 in stage 207.0 (TID 727) in 23 ms on localhost (executor driver) (8/11)
19/02/20 20:37:00 INFO BlockManagerInfo: Removed broadcast_132_piece0 on 192.168.56.1:56546 in memory (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO Executor: Finished task 4.0 in stage 207.0 (TID 726). 962 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 7.0 in stage 206.0 (TID 738, localhost, executor driver, partition 7, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 4.0 in stage 207.0 (TID 726) in 28 ms on localhost (executor driver) (9/11)
19/02/20 20:37:00 INFO Executor: Running task 7.0 in stage 206.0 (TID 738)
19/02/20 20:37:00 INFO BlockManagerInfo: Removed broadcast_140_piece0 on 192.168.56.1:56546 in memory (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ContextCleaner: Cleaned shuffle 48
19/02/20 20:37:00 INFO ContextCleaner: Cleaned shuffle 54
19/02/20 20:37:00 INFO Executor: Finished task 1.0 in stage 206.0 (TID 734). 1005 bytes result sent to driver
19/02/20 20:37:00 INFO Executor: Finished task 2.0 in stage 206.0 (TID 735). 1048 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 4.0 in stage 206.0 (TID 739, localhost, executor driver, partition 4, ANY, 4610 bytes)
19/02/20 20:37:00 INFO Executor: Running task 4.0 in stage 206.0 (TID 739)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 6.0 in stage 206.0 (TID 740, localhost, executor driver, partition 6, ANY, 4610 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 2.0 in stage 206.0 (TID 735) in 9 ms on localhost (executor driver) (1/8)
19/02/20 20:37:00 INFO Executor: Running task 6.0 in stage 206.0 (TID 740)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 1.0 in stage 206.0 (TID 734) in 12 ms on localhost (executor driver) (2/8)
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO Executor: Finished task 0.0 in stage 206.0 (TID 733). 1048 bytes result sent to driver

19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:37:00 INFO TaskSetManager: Finished task 0.0 in stage 206.0 (TID 733) in 13 ms on localhost (executor driver) (3/8)
19/02/20 20:37:00 INFO Executor: Finished task 10.0 in stage 207.0 (TID 732). 962 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 10.0 in stage 207.0 (TID 732) in 20 ms on localhost (executor driver) (10/11)
19/02/20 20:37:00 INFO Executor: Finished task 9.0 in stage 207.0 (TID 731). 919 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 9.0 in stage 207.0 (TID 731) in 25 ms on localhost (executor driver) (11/11)
19/02/20 20:37:00 INFO TaskSchedulerImpl: Removed TaskSet 207.0, whose tasks have all completed, from pool
19/02/20 20:37:00 INFO DAGScheduler: ShuffleMapStage 207 (mapToPair at MaximumProfitStock.java:26) finished in 0.060 s
19/02/20 20:37:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:37:00 INFO DAGScheduler: running: Set(ShuffleMapStage 206)
19/02/20 20:37:00 INFO Executor: Finished task 7.0 in stage 206.0 (TID 738). 1005 bytes result sent to driver
19/02/20 20:37:00 INFO DAGScheduler: waiting: Set(ShuffleMapStage 208, ResultStage 209)
19/02/20 20:37:00 INFO DAGScheduler: failed: Set()
19/02/20 20:37:00 INFO TaskSetManager: Finished task 7.0 in stage 206.0 (TID 738) in 11 ms on localhost (executor driver) (4/8)
19/02/20 20:37:00 INFO DAGScheduler: Submitting ShuffleMapStage 208 (MapPartitionsRDD[478] at mapToPair at MaximumProfitStock.java:75), which has no missing parents
19/02/20 20:37:00 INFO Executor: Finished task 5.0 in stage 206.0 (TID 737). 962 bytes result sent to driver
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_145 stored as values in memory (estimated size 4.7 KB, free 2.2 GB)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 5.0 in stage 206.0 (TID 737) in 14 ms on localhost (executor driver) (5/8)
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_145_piece0 stored as bytes in memory (estimated size 2.7 KB, free 2.2 GB)
19/02/20 20:37:00 INFO BlockManagerInfo: Added broadcast_145_piece0 in memory on 192.168.56.1:56546 (size: 2.7 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO SparkContext: Created broadcast 145 from broadcast at DAGScheduler.scala:1006
19/02/20 20:37:00 INFO Executor: Finished task 3.0 in stage 206.0 (TID 736). 1005 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 3.0 in stage 206.0 (TID 736) in 18 ms on localhost (executor driver) (6/8)
19/02/20 20:37:00 INFO DAGScheduler: Submitting 8 missing tasks from ShuffleMapStage 208 (MapPartitionsRDD[478] at mapToPair at MaximumProfitStock.java:75) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7))
19/02/20 20:37:00 INFO TaskSchedulerImpl: Adding task set 208.0 with 8 tasks
19/02/20 20:37:00 INFO TaskSetManager: Starting task 0.0 in stage 208.0 (TID 741, localhost, executor driver, partition 0, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 1.0 in stage 208.0 (TID 742, localhost, executor driver, partition 1, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 2.0 in stage 208.0 (TID 743, localhost, executor driver, partition 2, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 3.0 in stage 208.0 (TID 744, localhost, executor driver, partition 3, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 5.0 in stage 208.0 (TID 745, localhost, executor driver, partition 5, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 7.0 in stage 208.0 (TID 746, localhost, executor driver, partition 7, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:37:00 INFO Executor: Running task 3.0 in stage 208.0 (TID 744)

19/02/20 20:37:00 INFO Executor: Running task 5.0 in stage 208.0 (TID 745)
19/02/20 20:37:00 INFO Executor: Running task 7.0 in stage 208.0 (TID 746)
19/02/20 20:37:00 INFO Executor: Running task 2.0 in stage 208.0 (TID 743)
19/02/20 20:37:00 INFO Executor: Running task 0.0 in stage 208.0 (TID 741)
19/02/20 20:37:00 INFO Executor: Running task 1.0 in stage 208.0 (TID 742)
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
1 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
2 ms
19/02/20 20:37:00 INFO Executor: Finished task 4.0 in stage 206.0 (TID 739).
1091 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 4.0 in stage 208.0 (TID
747, localhost, executor driver, partition 4, ANY, 4610 bytes)
19/02/20 20:37:00 INFO Executor: Running task 4.0 in stage 208.0 (TID 747)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 4.0 in stage 206.0 (TID
739) in 17 ms on localhost (executor driver) (7/8)
19/02/20 20:37:00 INFO Executor: Finished task 0.0 in stage 208.0 (TID 741).
1005 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 6.0 in stage 208.0 (TID
748, localhost, executor driver, partition 6, ANY, 4610 bytes)
19/02/20 20:37:00 INFO Executor: Running task 6.0 in stage 208.0 (TID 748)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 0.0 in stage 208.0 (TID
741) in 5 ms on localhost (executor driver) (1/8)
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO Executor: Finished task 2.0 in stage 208.0 (TID 743).
1005 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 2.0 in stage 208.0 (TID
743) in 6 ms on localhost (executor driver) (2/8)
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO Executor: Finished task 1.0 in stage 208.0 (TID 742).
1005 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 1.0 in stage 208.0 (TID
742) in 7 ms on localhost (executor driver) (3/8)
19/02/20 20:37:00 INFO Executor: Finished task 5.0 in stage 208.0 (TID 745). 962
bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 5.0 in stage 208.0 (TID
745) in 7 ms on localhost (executor driver) (4/8)
19/02/20 20:37:00 INFO Executor: Finished task 3.0 in stage 208.0 (TID 744). 962

bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 3.0 in stage 208.0 (TID 744) in 8 ms on localhost (executor driver) (5/8)
19/02/20 20:37:00 INFO Executor: Finished task 6.0 in stage 206.0 (TID 740). 1091 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 6.0 in stage 206.0 (TID 740) in 22 ms on localhost (executor driver) (8/8)
19/02/20 20:37:00 INFO TaskSchedulerImpl: Removed TaskSet 206.0, whose tasks have all completed, from pool
19/02/20 20:37:00 INFO DAGScheduler: ShuffleMapStage 206 (mapToPair at MaximumProfitStock.java:94) finished in 0.033 s
19/02/20 20:37:00 INFO Executor: Finished task 7.0 in stage 208.0 (TID 746). 962 bytes result sent to driver
19/02/20 20:37:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:37:00 INFO DAGScheduler: running: Set(ShuffleMapStage 208)
19/02/20 20:37:00 INFO DAGScheduler: waiting: Set(ResultStage 209)
19/02/20 20:37:00 INFO DAGScheduler: failed: Set()
19/02/20 20:37:00 INFO TaskSetManager: Finished task 7.0 in stage 208.0 (TID 746) in 11 ms on localhost (executor driver) (6/8)
19/02/20 20:37:00 INFO Executor: Finished task 4.0 in stage 208.0 (TID 747). 1134 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 4.0 in stage 208.0 (TID 747) in 12 ms on localhost (executor driver) (7/8)
19/02/20 20:37:00 INFO Executor: Finished task 6.0 in stage 208.0 (TID 748). 1177 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 6.0 in stage 208.0 (TID 748) in 13 ms on localhost (executor driver) (8/8)
19/02/20 20:37:00 INFO TaskSchedulerImpl: Removed TaskSet 208.0, whose tasks have all completed, from pool
19/02/20 20:37:00 INFO DAGScheduler: ShuffleMapStage 208 (mapToPair at MaximumProfitStock.java:75) finished in 0.018 s
19/02/20 20:37:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:37:00 INFO DAGScheduler: running: Set()
19/02/20 20:37:00 INFO DAGScheduler: waiting: Set(ResultStage 209)
19/02/20 20:37:00 INFO DAGScheduler: failed: Set()
19/02/20 20:37:00 INFO DAGScheduler: Submitting ResultStage 209 (MapPartitionsRDD[488] at sortByKey at MaximumProfitStock.java:141), which has no missing parents
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_146 stored as values in memory (estimated size 5.6 KB, free 2.2 GB)
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_146_piece0 stored as bytes in memory (estimated size 3.0 KB, free 2.2 GB)
19/02/20 20:37:00 INFO BlockManagerInfo: Added broadcast_146_piece0 in memory on 192.168.56.1:56546 (size: 3.0 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO SparkContext: Created broadcast 146 from broadcast at DAGScheduler.scala:1006
19/02/20 20:37:00 INFO DAGScheduler: Submitting 8 missing tasks from ResultStage 209 (MapPartitionsRDD[488] at sortByKey at MaximumProfitStock.java:141) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7))
19/02/20 20:37:00 INFO TaskSchedulerImpl: Adding task set 209.0 with 8 tasks
19/02/20 20:37:00 INFO TaskSetManager: Starting task 0.0 in stage 209.0 (TID 749, localhost, executor driver, partition 0, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 1.0 in stage 209.0 (TID 750, localhost, executor driver, partition 1, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 2.0 in stage 209.0 (TID 751, localhost, executor driver, partition 2, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 3.0 in stage 209.0 (TID 752, localhost, executor driver, partition 3, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 4.0 in stage 209.0 (TID 753, localhost, executor driver, partition 4, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 5.0 in stage 209.0 (TID 754, localhost, executor driver, partition 5, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 6.0 in stage 209.0 (TID 755, localhost, executor driver, partition 6, PROCESS_LOCAL, 4684 bytes)

19/02/20 20:37:00 INFO TaskSetManager: Starting task 7.0 in stage 209.0 (TID 756, localhost, executor driver, partition 7, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:37:00 INFO Executor: Running task 2.0 in stage 209.0 (TID 751)
19/02/20 20:37:00 INFO Executor: Running task 4.0 in stage 209.0 (TID 753)
19/02/20 20:37:00 INFO Executor: Running task 7.0 in stage 209.0 (TID 756)
19/02/20 20:37:00 INFO Executor: Running task 0.0 in stage 209.0 (TID 749)
19/02/20 20:37:00 INFO Executor: Running task 6.0 in stage 209.0 (TID 755)
19/02/20 20:37:00 INFO Executor: Running task 3.0 in stage 209.0 (TID 752)
19/02/20 20:37:00 INFO Executor: Running task 1.0 in stage 209.0 (TID 750)
19/02/20 20:37:00 INFO Executor: Running task 5.0 in stage 209.0 (TID 754)
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms

19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO Executor: Finished task 2.0 in stage 209.0 (TID 751). 954 bytes result sent to driver
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO Executor: Finished task 0.0 in stage 209.0 (TID 749). 954 bytes result sent to driver
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 2 ms
19/02/20 20:37:00 INFO TaskSetManager: Finished task 2.0 in stage 209.0 (TID 751) in 6 ms on localhost (executor driver) (1/8)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 0.0 in stage 209.0 (TID 749) in 6 ms on localhost (executor driver) (2/8)
19/02/20 20:37:00 INFO Executor: Finished task 4.0 in stage 209.0 (TID 753). 1024 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 4.0 in stage 209.0 (TID 753) in 6 ms on localhost (executor driver) (3/8)
19/02/20 20:37:00 INFO Executor: Finished task 6.0 in stage 209.0 (TID 755). 963 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 6.0 in stage 209.0 (TID 755) in 7 ms on localhost (executor driver) (4/8)
19/02/20 20:37:00 INFO Executor: Finished task 1.0 in stage 209.0 (TID 750). 997 bytes result sent to driver
19/02/20 20:37:00 INFO Executor: Finished task 3.0 in stage 209.0 (TID 752). 1040 bytes result sent to driver
19/02/20 20:37:00 INFO Executor: Finished task 7.0 in stage 209.0 (TID 756). 997 bytes result sent to driver
19/02/20 20:37:00 INFO Executor: Finished task 5.0 in stage 209.0 (TID 754). 1040 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 1.0 in stage 209.0 (TID 750) in 8 ms on localhost (executor driver) (5/8)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 3.0 in stage 209.0 (TID 752) in 8 ms on localhost (executor driver) (6/8)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 7.0 in stage 209.0 (TID 756) in 8 ms on localhost (executor driver) (7/8)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 5.0 in stage 209.0 (TID 754) in 8 ms on localhost (executor driver) (8/8)
19/02/20 20:37:00 INFO TaskSchedulerImpl: Removed TaskSet 209.0, whose tasks have all completed, from pool
19/02/20 20:37:00 INFO DAGScheduler: ResultStage 209 (sortByKey at MaximumProfitStock.java:141) finished in 0.008 s
19/02/20 20:37:00 INFO DAGScheduler: Job 57 finished: sortByKey at MaximumProfitStock.java:141, took 0.117182 s
19/02/20 20:37:00 INFO MappedDStream: Slicing from 1550674680000 ms to 1550675220000 ms (aligned to 1550674680000 ms and 1550675220000 ms)
19/02/20 20:37:00 INFO TransformedDStream: Time 1550675220000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 1500000 ms
19/02/20 20:37:00 INFO JobScheduler: Added jobs for time 1550675220000 ms
19/02/20 20:37:00 INFO JobScheduler: Starting job streaming job 1550675220000 ms.0 from job set of time 1550675220000 ms
19/02/20 20:37:00 INFO SparkContext: Starting job: saveAsTextFile at SimpleMovingAvgClosingPrice.java:59
19/02/20 20:37:00 INFO DAGScheduler: Registering RDD 473 (mapToPair at SimpleMovingAvgClosingPrice.java:30)
19/02/20 20:37:00 INFO DAGScheduler: Got job 58 (saveAsTextFile at SimpleMovingAvgClosingPrice.java:59) with 1 output partitions
19/02/20 20:37:00 INFO DAGScheduler: Final stage: ResultStage 211 (saveAsTextFile at SimpleMovingAvgClosingPrice.java:59)

19/02/20 20:37:00 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 210)
19/02/20 20:37:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 210)
19/02/20 20:37:00 INFO DAGScheduler: Submitting ShuffleMapStage 210
(MapPartitionsRDD[473] at mapToPair at SimpleMovingAvgClosingPrice.java:30),
which has no missing parents
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_147 stored as values in
memory (estimated size 10.0 KB, free 2.2 GB)
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_147_piece0 stored as bytes
in memory (estimated size 4.8 KB, free 2.2 GB)
19/02/20 20:37:00 INFO BlockManagerInfo: Added broadcast_147_piece0 in memory on
192.168.56.1:56546 (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO SparkContext: Created broadcast 147 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:37:00 INFO DAGScheduler: Submitting 11 missing tasks from
ShuffleMapStage 210 (MapPartitionsRDD[473] at mapToPair at
SimpleMovingAvgClosingPrice.java:30) (first 15 tasks are for partitions
Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:37:00 INFO TaskSchedulerImpl: Adding task set 210.0 with 11 tasks
19/02/20 20:37:00 INFO TaskSetManager: Starting task 0.0 in stage 210.0 (TID
757, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 1.0 in stage 210.0 (TID
758, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 2.0 in stage 210.0 (TID
759, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 3.0 in stage 210.0 (TID
760, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 4.0 in stage 210.0 (TID
761, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 5.0 in stage 210.0 (TID
762, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 6.0 in stage 210.0 (TID
763, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 7.0 in stage 210.0 (TID
764, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO Executor: Running task 2.0 in stage 210.0 (TID 759)
19/02/20 20:37:00 INFO Executor: Running task 5.0 in stage 210.0 (TID 762)
19/02/20 20:37:00 INFO Executor: Running task 7.0 in stage 210.0 (TID 764)
19/02/20 20:37:00 INFO Executor: Running task 6.0 in stage 210.0 (TID 763)
19/02/20 20:37:00 INFO Executor: Running task 4.0 in stage 210.0 (TID 761)
19/02/20 20:37:00 INFO Executor: Running task 0.0 in stage 210.0 (TID 757)
19/02/20 20:37:00 INFO Executor: Running task 1.0 in stage 210.0 (TID 758)
19/02/20 20:37:00 INFO Executor: Running task 3.0 in stage 210.0 (TID 760)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:37:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:37:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:37:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:37:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:37:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:37:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:37:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:37:00 INFO Executor: Finished task 3.0 in stage 210.0 (TID 760). 962
bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 8.0 in stage 210.0 (TID
765, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 3.0 in stage 210.0 (TID
760) in 9 ms on localhost (executor driver) (1/11)
19/02/20 20:37:00 INFO Executor: Running task 8.0 in stage 210.0 (TID 765)
19/02/20 20:37:00 INFO Executor: Finished task 6.0 in stage 210.0 (TID 763). 962
bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 9.0 in stage 210.0 (TID
766, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO Executor: Running task 9.0 in stage 210.0 (TID 766)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 6.0 in stage 210.0 (TID

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763) in 10 ms on localhost (executor driver) (2/11)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_438_0 locally
19/02/20 20:37:00 INFO Executor: Finished task 2.0 in stage 210.0 (TID 759).
1005 bytes result sent to driver
19/02/20 20:37:00 INFO BlockManager: Found block rdd_454_0 locally
19/02/20 20:37:00 INFO TaskSetManager: Starting task 10.0 in stage 210.0 (TID
767, localhost, executor driver, partition 10, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 2.0 in stage 210.0 (TID
759) in 12 ms on localhost (executor driver) (3/11)
19/02/20 20:37:00 INFO Executor: Running task 10.0 in stage 210.0 (TID 767)
19/02/20 20:37:00 INFO Executor: Finished task 0.0 in stage 210.0 (TID 757). 962
bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 0.0 in stage 210.0 (TID
757) in 13 ms on localhost (executor driver) (4/11)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_470_0 locally
19/02/20 20:37:00 INFO Executor: Finished task 5.0 in stage 210.0 (TID 762). 962
bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 5.0 in stage 210.0 (TID
762) in 15 ms on localhost (executor driver) (5/11)
19/02/20 20:37:00 INFO Executor: Finished task 8.0 in stage 210.0 (TID 765).
1005 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 8.0 in stage 210.0 (TID
765) in 7 ms on localhost (executor driver) (6/11)
19/02/20 20:37:00 INFO Executor: Finished task 4.0 in stage 210.0 (TID 761).
1005 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 4.0 in stage 210.0 (TID
761) in 18 ms on localhost (executor driver) (7/11)
19/02/20 20:37:00 INFO Executor: Finished task 1.0 in stage 210.0 (TID 758). 962
bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 1.0 in stage 210.0 (TID
758) in 19 ms on localhost (executor driver) (8/11)
19/02/20 20:37:00 INFO Executor: Finished task 7.0 in stage 210.0 (TID 764). 962
bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 7.0 in stage 210.0 (TID
764) in 21 ms on localhost (executor driver) (9/11)
19/02/20 20:37:00 INFO Executor: Finished task 10.0 in stage 210.0 (TID 767).
919 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 10.0 in stage 210.0 (TID
767) in 9 ms on localhost (executor driver) (10/11)
19/02/20 20:37:00 INFO Executor: Finished task 9.0 in stage 210.0 (TID 766). 919
bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 9.0 in stage 210.0 (TID
766) in 13 ms on localhost (executor driver) (11/11)
19/02/20 20:37:00 INFO TaskSchedulerImpl: Removed TaskSet 210.0, whose tasks
have all completed, from pool
19/02/20 20:37:00 INFO DAGScheduler: ShuffleMapStage 210 (mapToPair at
SimpleMovingAvgClosingPrice.java:30) finished in 0.024 s
19/02/20 20:37:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:37:00 INFO DAGScheduler: running: Set()
19/02/20 20:37:00 INFO DAGScheduler: waiting: Set(ResultStage 211)
19/02/20 20:37:00 INFO DAGScheduler: failed: Set()
19/02/20 20:37:00 INFO DAGScheduler: Submitting ResultStage 211
(MapPartitionsRDD[502] at saveAsTextFile at
SimpleMovingAvgClosingPrice.java:59), which has no missing parents
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_148 stored as values in
memory (estimated size 51.7 KB, free 2.2 GB)
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_148_piece0 stored as bytes
in memory (estimated size 18.7 KB, free 2.2 GB)
19/02/20 20:37:00 INFO BlockManagerInfo: Added broadcast_148_piece0 in memory on
192.168.56.1:56546 (size: 18.7 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO SparkContext: Created broadcast 148 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:37:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage
211 (MapPartitionsRDD[502] at saveAsTextFile at

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SimpleMovingAvgClosingPrice.java:59) (first 15 tasks are for partitions
Vector(0))
19/02/20 20:37:00 INFO TaskSchedulerImpl: Adding task set 211.0 with 1 tasks
19/02/20 20:37:00 INFO TaskSetManager: Starting task 0.0 in stage 211.0 (TID
768, localhost, executor driver, partition 0, ANY, 5023 bytes)
19/02/20 20:37:00 INFO Executor: Running task 0.0 in stage 211.0 (TID 768)
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
1 ms
19/02/20 20:37:00 INFO FileOutputCommitter: Saved output of task
'attempt_20190220203700_0211_m_000000_768' to
file:/C:/Users/Public/output/Analyses1_SMA_1550675220186/_temporary/0/task_20190
220203700_0211_m_000000
19/02/20 20:37:00 INFO SparkHadoopMapRedUtil:
attempt_20190220203700_0211_m_000000_768: Committed
19/02/20 20:37:00 INFO Executor: Finished task 0.0 in stage 211.0 (TID 768).
1096 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 0.0 in stage 211.0 (TID
768) in 128 ms on localhost (executor driver) (1/1)
19/02/20 20:37:00 INFO TaskSchedulerImpl: Removed TaskSet 211.0, whose tasks
have all completed, from pool
19/02/20 20:37:00 INFO DAGScheduler: ResultStage 211 (saveAsTextFile at
SimpleMovingAvgClosingPrice.java:59) finished in 0.128 s
19/02/20 20:37:00 INFO DAGScheduler: Job 58 finished: saveAsTextFile at
SimpleMovingAvgClosingPrice.java:59, took 0.165027 s
19/02/20 20:37:00 INFO JobScheduler: Finished job streaming job 1550675220000
ms.0 from job set of time 1550675220000 ms
19/02/20 20:37:00 INFO JobScheduler: Starting job streaming job 1550675220000
ms.1 from job set of time 1550675220000 ms
19/02/20 20:37:00 INFO SparkContext: Starting job: print at
SimpleMovingAvgClosingPrice.java:61
19/02/20 20:37:00 INFO DAGScheduler: Got job 59 (print at
SimpleMovingAvgClosingPrice.java:61) with 1 output partitions
19/02/20 20:37:00 INFO DAGScheduler: Final stage: ResultStage 212 (print at
SimpleMovingAvgClosingPrice.java:61)

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19/02/20 20:37:00 INFO DAGScheduler: Parents of final stage: List()
19/02/20 20:37:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:37:00 INFO DAGScheduler: Submitting ResultStage 212
(MapPartitionsRDD[472] at flatMap at SparkAnalysesDriver.java:62), which has no
missing parents
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_149 stored as values in
memory (estimated size 8.0 KB, free 2.2 GB)
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_149_piece0 stored as bytes
in memory (estimated size 3.8 KB, free 2.2 GB)
19/02/20 20:37:00 INFO BlockManagerInfo: Added broadcast_149_piece0 in memory on
192.168.56.1:56546 (size: 3.8 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO SparkContext: Created broadcast 149 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:37:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage
212 (MapPartitionsRDD[472] at flatMap at SparkAnalysesDriver.java:62) (first 15
tasks are for partitions Vector(0))
19/02/20 20:37:00 INFO TaskSchedulerImpl: Adding task set 212.0 with 1 tasks
19/02/20 20:37:00 INFO TaskSetManager: Starting task 0.0 in stage 212.0 (TID
769, localhost, executor driver, partition 0, PROCESS_LOCAL, 5048 bytes)
19/02/20 20:37:00 INFO Executor: Running task 0.0 in stage 212.0 (TID 769)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:37:00 INFO Executor: Finished task 0.0 in stage 212.0 (TID 769). 961
bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 0.0 in stage 212.0 (TID
769) in 2 ms on localhost (executor driver) (1/1)
19/02/20 20:37:00 INFO TaskSchedulerImpl: Removed TaskSet 212.0, whose tasks
have all completed, from pool
19/02/20 20:37:00 INFO DAGScheduler: ResultStage 212 (print at
SimpleMovingAvgClosingPrice.java:61) finished in 0.004 s
19/02/20 20:37:00 INFO DAGScheduler: Job 59 finished: print at
SimpleMovingAvgClosingPrice.java:61, took 0.007611 s
19/02/20 20:37:00 INFO SparkContext: Starting job: print at
SimpleMovingAvgClosingPrice.java:61
19/02/20 20:37:00 INFO DAGScheduler: Got job 60 (print at
SimpleMovingAvgClosingPrice.java:61) with 3 output partitions
19/02/20 20:37:00 INFO DAGScheduler: Final stage: ResultStage 213 (print at
SimpleMovingAvgClosingPrice.java:61)
19/02/20 20:37:00 INFO DAGScheduler: Parents of final stage: List()
19/02/20 20:37:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:37:00 INFO DAGScheduler: Submitting ResultStage 213
(MapPartitionsRDD[472] at flatMap at SparkAnalysesDriver.java:62), which has no
missing parents
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_150 stored as values in
memory (estimated size 8.0 KB, free 2.2 GB)
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_150_piece0 stored as bytes
in memory (estimated size 3.8 KB, free 2.2 GB)
19/02/20 20:37:00 INFO BlockManagerInfo: Added broadcast_150_piece0 in memory on
192.168.56.1:56546 (size: 3.8 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO SparkContext: Created broadcast 150 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:37:00 INFO DAGScheduler: Submitting 3 missing tasks from ResultStage
213 (MapPartitionsRDD[472] at flatMap at SparkAnalysesDriver.java:62) (first 15
tasks are for partitions Vector(1, 2, 3))
19/02/20 20:37:00 INFO TaskSchedulerImpl: Adding task set 213.0 with 3 tasks
19/02/20 20:37:00 INFO TaskSetManager: Starting task 0.0 in stage 213.0 (TID
770, localhost, executor driver, partition 1, PROCESS_LOCAL, 5048 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 1.0 in stage 213.0 (TID
771, localhost, executor driver, partition 2, PROCESS_LOCAL, 5048 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 2.0 in stage 213.0 (TID
772, localhost, executor driver, partition 3, PROCESS_LOCAL, 5048 bytes)
19/02/20 20:37:00 INFO Executor: Running task 1.0 in stage 213.0 (TID 771)
19/02/20 20:37:00 INFO Executor: Running task 2.0 in stage 213.0 (TID 772)
19/02/20 20:37:00 INFO Executor: Running task 0.0 in stage 213.0 (TID 770)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_313_0 locally

19/02/20 20:37:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:37:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:37:00 INFO Executor: Finished task 1.0 in stage 213.0 (TID 771). 961 bytes result sent to driver
19/02/20 20:37:00 INFO Executor: Finished task 0.0 in stage 213.0 (TID 770). 918 bytes result sent to driver
19/02/20 20:37:00 INFO Executor: Finished task 2.0 in stage 213.0 (TID 772). 961 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 0.0 in stage 213.0 (TID 770) in 3 ms on localhost (executor driver) (1/3)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 2.0 in stage 213.0 (TID 772) in 2 ms on localhost (executor driver) (2/3)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 1.0 in stage 213.0 (TID 771) in 3 ms on localhost (executor driver) (3/3)
19/02/20 20:37:00 INFO TaskSchedulerImpl: Removed TaskSet 213.0, whose tasks have all completed, from pool
19/02/20 20:37:00 INFO DAGScheduler: ResultStage 213 (print at SimpleMovingAvgClosingPrice.java:61) finished in 0.003 s
19/02/20 20:37:00 INFO DAGScheduler: Job 60 finished: print at SimpleMovingAvgClosingPrice.java:61, took 0.007026 s
19/02/20 20:37:00 INFO JobScheduler: Finished job streaming job 1550675220000 ms.1 from job set of time 1550675220000 ms
19/02/20 20:37:00 INFO JobScheduler: Starting job streaming job 1550675220000 ms.2 from job set of time 1550675220000 ms
19/02/20 20:37:00 INFO SparkContext: Starting job: isEmpty at MaximumProfitStock.java:152
19/02/20 20:37:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 60 is 164 bytes
19/02/20 20:37:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 61 is 164 bytes
19/02/20 20:37:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 58 is 165 bytes
19/02/20 20:37:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 59 is 165 bytes
19/02/20 20:37:00 INFO DAGScheduler: Registering RDD 486 (mapToPair at MaximumProfitStock.java:140)
19/02/20 20:37:00 INFO DAGScheduler: Got job 61 (isEmpty at MaximumProfitStock.java:152) with 1 output partitions
19/02/20 20:37:00 INFO DAGScheduler: Final stage: ResultStage 219 (isEmpty at MaximumProfitStock.java:152)
19/02/20 20:37:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 218)
19/02/20 20:37:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 218)
19/02/20 20:37:00 INFO DAGScheduler: Submitting ShuffleMapStage 218 (MapPartitionsRDD[486] at mapToPair at MaximumProfitStock.java:140), which has no missing parents
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_151 stored as values in memory (estimated size 5.7 KB, free 2.2 GB)
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_151_piece0 stored as bytes in memory (estimated size 3.2 KB, free 2.2 GB)
19/02/20 20:37:00 INFO BlockManagerInfo: Added broadcast_151_piece0 in memory on 192.168.56.1:56546 (size: 3.2 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO SparkContext: Created broadcast 151 from broadcast at DAGScheduler.scala:1006
19/02/20 20:37:00 INFO DAGScheduler: Submitting 8 missing tasks from ShuffleMapStage 218 (MapPartitionsRDD[486] at mapToPair at MaximumProfitStock.java:140) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7))
19/02/20 20:37:00 INFO TaskSchedulerImpl: Adding task set 218.0 with 8 tasks
19/02/20 20:37:00 INFO TaskSetManager: Starting task 0.0 in stage 218.0 (TID 773, localhost, executor driver, partition 0, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 1.0 in stage 218.0 (TID 774, localhost, executor driver, partition 1, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 2.0 in stage 218.0 (TID

775, localhost, executor driver, partition 2, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 3.0 in stage 218.0 (TID 776, localhost, executor driver, partition 3, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 4.0 in stage 218.0 (TID 777, localhost, executor driver, partition 4, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 5.0 in stage 218.0 (TID 778, localhost, executor driver, partition 5, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 6.0 in stage 218.0 (TID 779, localhost, executor driver, partition 6, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 7.0 in stage 218.0 (TID 780, localhost, executor driver, partition 7, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:37:00 INFO Executor: Running task 5.0 in stage 218.0 (TID 778)
19/02/20 20:37:00 INFO Executor: Running task 7.0 in stage 218.0 (TID 780)
19/02/20 20:37:00 INFO Executor: Running task 6.0 in stage 218.0 (TID 779)
19/02/20 20:37:00 INFO Executor: Running task 0.0 in stage 218.0 (TID 773)
19/02/20 20:37:00 INFO Executor: Running task 2.0 in stage 218.0 (TID 775)
19/02/20 20:37:00 INFO Executor: Running task 3.0 in stage 218.0 (TID 776)
19/02/20 20:37:00 INFO Executor: Running task 4.0 in stage 218.0 (TID 777)
19/02/20 20:37:00 INFO Executor: Running task 1.0 in stage 218.0 (TID 774)
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in

1 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO Executor: Finished task 3.0 in stage 218.0 (TID 776). 1044 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 3.0 in stage 218.0 (TID 776) in 9 ms on localhost (executor driver) (1/8)
19/02/20 20:37:00 INFO Executor: Finished task 0.0 in stage 218.0 (TID 773). 1044 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 0.0 in stage 218.0 (TID 773) in 10 ms on localhost (executor driver) (2/8)
19/02/20 20:37:00 INFO Executor: Finished task 5.0 in stage 218.0 (TID 778). 1044 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 5.0 in stage 218.0 (TID 778) in 10 ms on localhost (executor driver) (3/8)
19/02/20 20:37:00 INFO Executor: Finished task 7.0 in stage 218.0 (TID 780). 1001 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 7.0 in stage 218.0 (TID 780) in 11 ms on localhost (executor driver) (4/8)
19/02/20 20:37:00 INFO Executor: Finished task 6.0 in stage 218.0 (TID 779). 1173 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 6.0 in stage 218.0 (TID 779) in 13 ms on localhost (executor driver) (5/8)
19/02/20 20:37:00 INFO Executor: Finished task 2.0 in stage 218.0 (TID 775). 1044 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 2.0 in stage 218.0 (TID 775) in 13 ms on localhost (executor driver) (6/8)
19/02/20 20:37:00 INFO Executor: Finished task 1.0 in stage 218.0 (TID 774). 1044 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 1.0 in stage 218.0 (TID 774) in 15 ms on localhost (executor driver) (7/8)
19/02/20 20:37:00 INFO Executor: Finished task 4.0 in stage 218.0 (TID 777). 1130 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 4.0 in stage 218.0 (TID 777) in 16 ms on localhost (executor driver) (8/8)
19/02/20 20:37:00 INFO TaskSchedulerImpl: Removed TaskSet 218.0, whose tasks have all completed, from pool
19/02/20 20:37:00 INFO DAGScheduler: ShuffleMapStage 218 (mapToPair at MaximumProfitStock.java:140) finished in 0.017 s
19/02/20 20:37:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:37:00 INFO DAGScheduler: running: Set()
19/02/20 20:37:00 INFO DAGScheduler: waiting: Set(ResultStage 219)
19/02/20 20:37:00 INFO DAGScheduler: failed: Set()
19/02/20 20:37:00 INFO DAGScheduler: Submitting ResultStage 219 (ShuffledRDD[489] at sortByKey at MaximumProfitStock.java:141), which has no missing parents
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_152 stored as values in memory (estimated size 3.9 KB, free 2.2 GB)

19/02/20 20:37:00 INFO MemoryStore: Block broadcast_152_piece0 stored as bytes in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:37:00 INFO BlockManagerInfo: Added broadcast_152_piece0 in memory on 192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO SparkContext: Created broadcast 152 from broadcast at DAGScheduler.scala:1006
19/02/20 20:37:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 219 (ShuffledRDD[489] at sortByKey at MaximumProfitStock.java:141) (first 15 tasks are for partitions Vector(0))
19/02/20 20:37:00 INFO TaskSchedulerImpl: Adding task set 219.0 with 1 tasks
19/02/20 20:37:00 INFO TaskSetManager: Starting task 0.0 in stage 219.0 (TID 781, localhost, executor driver, partition 0, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:37:00 INFO Executor: Running task 0.0 in stage 219.0 (TID 781)
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO Executor: Finished task 0.0 in stage 219.0 (TID 781). 968 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 0.0 in stage 219.0 (TID 781) in 4 ms on localhost (executor driver) (1/1)
19/02/20 20:37:00 INFO TaskSchedulerImpl: Removed TaskSet 219.0, whose tasks have all completed, from pool
19/02/20 20:37:00 INFO DAGScheduler: ResultStage 219 (isEmpty at MaximumProfitStock.java:152) finished in 0.004 s
19/02/20 20:37:00 INFO DAGScheduler: Job 61 finished: isEmpty at MaximumProfitStock.java:152, took 0.029535 s
19/02/20 20:37:00 INFO SparkContext: Starting job: isEmpty at MaximumProfitStock.java:152
19/02/20 20:37:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 60 is 164 bytes
19/02/20 20:37:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 61 is 164 bytes
19/02/20 20:37:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 58 is 165 bytes
19/02/20 20:37:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 59 is 165 bytes
19/02/20 20:37:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 63 is 166 bytes
19/02/20 20:37:00 INFO DAGScheduler: Got job 62 (isEmpty at MaximumProfitStock.java:152) with 3 output partitions
19/02/20 20:37:00 INFO DAGScheduler: Final stage: ResultStage 225 (isEmpty at MaximumProfitStock.java:152)
19/02/20 20:37:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 224)
19/02/20 20:37:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:37:00 INFO DAGScheduler: Submitting ResultStage 225 (ShuffledRDD[489] at sortByKey at MaximumProfitStock.java:141), which has no missing parents
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_153 stored as values in memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_153_piece0 stored as bytes in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:37:00 INFO BlockManagerInfo: Added broadcast_153_piece0 in memory on 192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO SparkContext: Created broadcast 153 from broadcast at DAGScheduler.scala:1006
19/02/20 20:37:00 INFO DAGScheduler: Submitting 3 missing tasks from ResultStage 225 (ShuffledRDD[489] at sortByKey at MaximumProfitStock.java:141) (first 15 tasks are for partitions Vector(1, 2, 3))
19/02/20 20:37:00 INFO TaskSchedulerImpl: Adding task set 225.0 with 3 tasks
19/02/20 20:37:00 INFO TaskSetManager: Starting task 0.0 in stage 225.0 (TID 782, localhost, executor driver, partition 1, ANY, 4621 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 1.0 in stage 225.0 (TID

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783, localhost, executor driver, partition 2, ANY, 4621 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 2.0 in stage 225.0 (TID
784, localhost, executor driver, partition 3, ANY, 4621 bytes)
19/02/20 20:37:00 INFO Executor: Running task 0.0 in stage 225.0 (TID 782)
19/02/20 20:37:00 INFO Executor: Running task 1.0 in stage 225.0 (TID 783)
19/02/20 20:37:00 INFO Executor: Running task 2.0 in stage 225.0 (TID 784)
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO Executor: Finished task 0.0 in stage 225.0 (TID 782).
1028 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 0.0 in stage 225.0 (TID
782) in 5 ms on localhost (executor driver) (1/3)
19/02/20 20:37:00 INFO Executor: Finished task 2.0 in stage 225.0 (TID 784).
1026 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 2.0 in stage 225.0 (TID
784) in 5 ms on localhost (executor driver) (2/3)
19/02/20 20:37:00 INFO Executor: Finished task 1.0 in stage 225.0 (TID 783).
1028 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 1.0 in stage 225.0 (TID
783) in 6 ms on localhost (executor driver) (3/3)
19/02/20 20:37:00 INFO TaskSchedulerImpl: Removed TaskSet 225.0, whose tasks
have all completed, from pool
19/02/20 20:37:00 INFO DAGScheduler: ResultStage 225 (isEmpty at
MaximumProfitStock.java:152) finished in 0.006 s
19/02/20 20:37:00 INFO DAGScheduler: Job 62 finished: isEmpty at
MaximumProfitStock.java:152, took 0.010387 s
19/02/20 20:37:00 INFO SparkContext: Starting job: take at
MaximumProfitStock.java:156
19/02/20 20:37:00 INFO DAGScheduler: Got job 63 (take at
MaximumProfitStock.java:156) with 1 output partitions
19/02/20 20:37:00 INFO DAGScheduler: Final stage: ResultStage 231 (take at
MaximumProfitStock.java:156)
19/02/20 20:37:00 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 230)
19/02/20 20:37:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:37:00 INFO DAGScheduler: Submitting ResultStage 231
(ShuffledRDD[489] at sortByKey at MaximumProfitStock.java:141), which has no
missing parents
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_154 stored as values in
memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_154_piece0 stored as bytes
in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:37:00 INFO BlockManagerInfo: Added broadcast_154_piece0 in memory on
192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO SparkContext: Created broadcast 154 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:37:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage
231 (ShuffledRDD[489] at sortByKey at MaximumProfitStock.java:141) (first 15
tasks are for partitions Vector(0))
19/02/20 20:37:00 INFO TaskSchedulerImpl: Adding task set 231.0 with 1 tasks
19/02/20 20:37:00 INFO TaskSetManager: Starting task 0.0 in stage 231.0 (TID
785, localhost, executor driver, partition 0, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:37:00 INFO Executor: Running task 0.0 in stage 231.0 (TID 785)
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks

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out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO Executor: Finished task 0.0 in stage 231.0 (TID 785). 968 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 0.0 in stage 231.0 (TID 785) in 5 ms on localhost (executor driver) (1/1)
19/02/20 20:37:00 INFO TaskSchedulerImpl: Removed TaskSet 231.0, whose tasks have all completed, from pool
19/02/20 20:37:00 INFO DAGScheduler: ResultStage 231 (take at MaximumProfitStock.java:156) finished in 0.005 s
19/02/20 20:37:00 INFO DAGScheduler: Job 63 finished: take at MaximumProfitStock.java:156, took 0.009882 s
19/02/20 20:37:00 INFO SparkContext: Starting job: take at MaximumProfitStock.java:156
19/02/20 20:37:00 INFO DAGScheduler: Got job 64 (take at MaximumProfitStock.java:156) with 3 output partitions
19/02/20 20:37:00 INFO DAGScheduler: Final stage: ResultStage 237 (take at MaximumProfitStock.java:156)
19/02/20 20:37:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 236)
19/02/20 20:37:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:37:00 INFO DAGScheduler: Submitting ResultStage 237 (ShuffledRDD[489] at sortByKey at MaximumProfitStock.java:141), which has no missing parents
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_155 stored as values in memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_155_piece0 stored as bytes in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:37:00 INFO BlockManagerInfo: Added broadcast_155_piece0 in memory on 192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO SparkContext: Created broadcast 155 from broadcast at DAGScheduler.scala:1006
19/02/20 20:37:00 INFO DAGScheduler: Submitting 3 missing tasks from ResultStage 237 (ShuffledRDD[489] at sortByKey at MaximumProfitStock.java:141) (first 15 tasks are for partitions Vector(1, 2, 3))
19/02/20 20:37:00 INFO TaskSchedulerImpl: Adding task set 237.0 with 3 tasks
19/02/20 20:37:00 INFO TaskSetManager: Starting task 0.0 in stage 237.0 (TID 786, localhost, executor driver, partition 1, ANY, 4621 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 1.0 in stage 237.0 (TID 787, localhost, executor driver, partition 2, ANY, 4621 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 2.0 in stage 237.0 (TID 788, localhost, executor driver, partition 3, ANY, 4621 bytes)
19/02/20 20:37:00 INFO Executor: Running task 2.0 in stage 237.0 (TID 788)
19/02/20 20:37:00 INFO Executor: Running task 0.0 in stage 237.0 (TID 786)
19/02/20 20:37:00 INFO Executor: Running task 1.0 in stage 237.0 (TID 787)
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO Executor: Finished task 0.0 in stage 237.0 (TID 786). 985 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 0.0 in stage 237.0 (TID 786) in 4 ms on localhost (executor driver) (1/3)
19/02/20 20:37:00 INFO Executor: Finished task 2.0 in stage 237.0 (TID 788). 983 bytes result sent to driver

19/02/20 20:37:00 INFO Executor: Finished task 1.0 in stage 237.0 (TID 787). 985 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 2.0 in stage 237.0 (TID 788) in 5 ms on localhost (executor driver) (2/3)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 1.0 in stage 237.0 (TID 787) in 5 ms on localhost (executor driver) (3/3)
19/02/20 20:37:00 INFO TaskSchedulerImpl: Removed TaskSet 237.0, whose tasks have all completed, from pool
19/02/20 20:37:00 INFO DAGScheduler: ResultStage 237 (take at MaximumProfitStock.java:156) finished in 0.005 s
19/02/20 20:37:00 INFO DAGScheduler: Job 64 finished: take at MaximumProfitStock.java:156, took 0.009752 s
19/02/20 20:37:00 INFO JobScheduler: Finished job streaming job 1550675220000 ms.2 from job set of time 1550675220000 ms
19/02/20 20:37:00 INFO JobScheduler: Starting job streaming job 1550675220000 ms.3 from job set of time 1550675220000 ms
19/02/20 20:37:00 INFO SparkContext: Starting job: saveAsTextFile at RelativeStrengthIndex.java:125
19/02/20 20:37:00 INFO DAGScheduler: Registering RDD 493 (filter at RelativeStrengthIndex.java:54)
19/02/20 20:37:00 INFO DAGScheduler: Registering RDD 495 (filter at RelativeStrengthIndex.java:61)
19/02/20 20:37:00 INFO DAGScheduler: Got job 65 (saveAsTextFile at RelativeStrengthIndex.java:125) with 1 output partitions
19/02/20 20:37:00 INFO DAGScheduler: Final stage: ResultStage 240 (saveAsTextFile at RelativeStrengthIndex.java:125)
19/02/20 20:37:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 238, ShuffleMapStage 239)
19/02/20 20:37:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 238, ShuffleMapStage 239)
19/02/20 20:37:00 INFO DAGScheduler: Submitting ShuffleMapStage 238 (MapPartitionsRDD[493] at filter at RelativeStrengthIndex.java:54), which has no missing parents
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_156 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_156_piece0 stored as bytes in memory (estimated size 5.1 KB, free 2.2 GB)
19/02/20 20:37:00 INFO BlockManagerInfo: Added broadcast_156_piece0 in memory on 192.168.56.1:56546 (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO SparkContext: Created broadcast 156 from broadcast at DAGScheduler.scala:1006
19/02/20 20:37:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 238 (MapPartitionsRDD[493] at filter at RelativeStrengthIndex.java:54) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:37:00 INFO TaskSchedulerImpl: Adding task set 238.0 with 11 tasks
19/02/20 20:37:00 INFO DAGScheduler: Submitting ShuffleMapStage 239 (MapPartitionsRDD[495] at filter at RelativeStrengthIndex.java:61), which has no missing parents
19/02/20 20:37:00 INFO TaskSetManager: Starting task 0.0 in stage 238.0 (TID 789, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 1.0 in stage 238.0 (TID 790, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 2.0 in stage 238.0 (TID 791, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 3.0 in stage 238.0 (TID 792, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 4.0 in stage 238.0 (TID 793, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 5.0 in stage 238.0 (TID 794, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 6.0 in stage 238.0 (TID 795, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Starting task 7.0 in stage 238.0 (TID

796, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO Executor: Running task 2.0 in stage 238.0 (TID 791)
19/02/20 20:37:00 INFO Executor: Running task 7.0 in stage 238.0 (TID 796)
19/02/20 20:37:00 INFO Executor: Running task 4.0 in stage 238.0 (TID 793)
19/02/20 20:37:00 INFO Executor: Running task 0.0 in stage 238.0 (TID 789)
19/02/20 20:37:00 INFO Executor: Running task 3.0 in stage 238.0 (TID 792)
19/02/20 20:37:00 INFO Executor: Running task 5.0 in stage 238.0 (TID 794)
19/02/20 20:37:00 INFO Executor: Running task 1.0 in stage 238.0 (TID 790)
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_157 stored as values in
memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:37:00 INFO Executor: Running task 6.0 in stage 238.0 (TID 795)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:37:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_157_piece0 stored as bytes
in memory (estimated size 5.1 KB, free 2.2 GB)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_297_0 locally
19/02/20 20:37:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:37:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:37:00 INFO BlockManagerInfo: Added broadcast_157_piece0 in memory on
192.168.56.1:56546 (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:37:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:37:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:37:00 INFO SparkContext: Created broadcast 157 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:37:00 INFO DAGScheduler: Submitting 11 missing tasks from
ShuffleMapStage 239 (MapPartitionsRDD[495] at filter at
RelativeStrengthIndex.java:61) (first 15 tasks are for partitions Vector(0, 1,
2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:37:00 INFO TaskSchedulerImpl: Adding task set 239.0 with 11 tasks
19/02/20 20:37:00 INFO Executor: Finished task 1.0 in stage 238.0 (TID 790). 833
bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 8.0 in stage 238.0 (TID
797, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO Executor: Running task 8.0 in stage 238.0 (TID 797)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 1.0 in stage 238.0 (TID
790) in 6 ms on localhost (executor driver) (1/11)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_438_0 locally
19/02/20 20:37:00 INFO Executor: Finished task 2.0 in stage 238.0 (TID 791). 962
bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 9.0 in stage 238.0 (TID
798, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 2.0 in stage 238.0 (TID
791) in 8 ms on localhost (executor driver) (2/11)
19/02/20 20:37:00 INFO Executor: Running task 9.0 in stage 238.0 (TID 798)
19/02/20 20:37:00 INFO Executor: Finished task 0.0 in stage 238.0 (TID 789). 962
bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 10.0 in stage 238.0 (TID
799, localhost, executor driver, partition 10, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 0.0 in stage 238.0 (TID
789) in 11 ms on localhost (executor driver) (3/11)
19/02/20 20:37:00 INFO Executor: Running task 10.0 in stage 238.0 (TID 799)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_454_0 locally
19/02/20 20:37:00 INFO Executor: Finished task 4.0 in stage 238.0 (TID 793). 962
bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 0.0 in stage 239.0 (TID
800, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 4.0 in stage 238.0 (TID
793) in 11 ms on localhost (executor driver) (4/11)
19/02/20 20:37:00 INFO Executor: Running task 0.0 in stage 239.0 (TID 800)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_470_0 locally
19/02/20 20:37:00 INFO Executor: Finished task 6.0 in stage 238.0 (TID 795).
1005 bytes result sent to driver
19/02/20 20:37:00 INFO BlockManager: Found block rdd_297_0 locally

19/02/20 20:37:00 INFO TaskSetManager: Starting task 1.0 in stage 239.0 (TID 801, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 6.0 in stage 238.0 (TID 795) in 13 ms on localhost (executor driver) (5/11)
19/02/20 20:37:00 INFO Executor: Running task 1.0 in stage 239.0 (TID 801)
19/02/20 20:37:00 INFO Executor: Finished task 7.0 in stage 238.0 (TID 796). 919 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 2.0 in stage 239.0 (TID 802, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 7.0 in stage 238.0 (TID 796) in 15 ms on localhost (executor driver) (6/11)
19/02/20 20:37:00 INFO Executor: Running task 2.0 in stage 239.0 (TID 802)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_297_1 locally
19/02/20 20:37:00 INFO Executor: Finished task 3.0 in stage 238.0 (TID 792). 962 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 3.0 in stage 239.0 (TID 803, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:37:00 INFO Executor: Running task 3.0 in stage 239.0 (TID 803)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 3.0 in stage 238.0 (TID 792) in 17 ms on localhost (executor driver) (7/11)
19/02/20 20:37:00 INFO Executor: Finished task 5.0 in stage 238.0 (TID 794). 1005 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 4.0 in stage 239.0 (TID 804, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 5.0 in stage 238.0 (TID 794) in 18 ms on localhost (executor driver) (8/11)
19/02/20 20:37:00 INFO Executor: Running task 4.0 in stage 239.0 (TID 804)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:37:00 INFO Executor: Finished task 0.0 in stage 239.0 (TID 800). 1005 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 5.0 in stage 239.0 (TID 805, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:37:00 INFO TaskSetManager: Finished task 0.0 in stage 239.0 (TID 800) in 9 ms on localhost (executor driver) (1/11)
19/02/20 20:37:00 INFO Executor: Running task 5.0 in stage 239.0 (TID 805)
19/02/20 20:37:00 INFO Executor: Finished task 10.0 in stage 238.0 (TID 799). 962 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 6.0 in stage 239.0 (TID 806, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 10.0 in stage 238.0 (TID 799) in 11 ms on localhost (executor driver) (9/11)
19/02/20 20:37:00 INFO Executor: Running task 6.0 in stage 239.0 (TID 806)
19/02/20 20:37:00 INFO Executor: Finished task 9.0 in stage 238.0 (TID 798). 876 bytes result sent to driver
19/02/20 20:37:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:37:00 INFO TaskSetManager: Starting task 7.0 in stage 239.0 (TID 807, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 9.0 in stage 238.0 (TID 798) in 14 ms on localhost (executor driver) (10/11)
19/02/20 20:37:00 INFO Executor: Running task 7.0 in stage 239.0 (TID 807)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:37:00 INFO Executor: Finished task 8.0 in stage 238.0 (TID 797). 919 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 8.0 in stage 239.0 (TID 808, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO Executor: Running task 8.0 in stage 239.0 (TID 808)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 8.0 in stage 238.0 (TID 797) in 18 ms on localhost (executor driver) (11/11)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:37:00 INFO TaskSchedulerImpl: Removed TaskSet 238.0, whose tasks have all completed, from pool
19/02/20 20:37:00 INFO Executor: Finished task 4.0 in stage 239.0 (TID 804). 876

bytes result sent to driver
19/02/20 20:37:00 INFO DAGScheduler: ShuffleMapStage 238 (filter at RelativeStrengthIndex.java:54) finished in 0.025 s
19/02/20 20:37:00 INFO TaskSetManager: Starting task 9.0 in stage 239.0 (TID 809, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:37:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:37:00 INFO DAGScheduler: running: Set(ShuffleMapStage 239)
19/02/20 20:37:00 INFO DAGScheduler: waiting: Set(ResultStage 240)
19/02/20 20:37:00 INFO DAGScheduler: failed: Set()
19/02/20 20:37:00 INFO TaskSetManager: Finished task 4.0 in stage 239.0 (TID 804) in 6 ms on localhost (executor driver) (2/11)
19/02/20 20:37:00 INFO Executor: Running task 9.0 in stage 239.0 (TID 809)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_454_0 locally
19/02/20 20:37:00 INFO BlockManager: Found block rdd_438_0 locally
19/02/20 20:37:00 INFO Executor: Finished task 3.0 in stage 239.0 (TID 803). 962 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Starting task 10.0 in stage 239.0 (TID 810, localhost, executor driver, partition 10, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:37:00 INFO TaskSetManager: Finished task 3.0 in stage 239.0 (TID 803) in 10 ms on localhost (executor driver) (3/11)
19/02/20 20:37:00 INFO Executor: Running task 10.0 in stage 239.0 (TID 810)
19/02/20 20:37:00 INFO Executor: Finished task 2.0 in stage 239.0 (TID 802). 1005 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 2.0 in stage 239.0 (TID 802) in 13 ms on localhost (executor driver) (4/11)
19/02/20 20:37:00 INFO BlockManager: Found block rdd_470_0 locally
19/02/20 20:37:00 INFO Executor: Finished task 1.0 in stage 239.0 (TID 801). 962 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 1.0 in stage 239.0 (TID 801) in 16 ms on localhost (executor driver) (5/11)
19/02/20 20:37:00 INFO Executor: Finished task 9.0 in stage 239.0 (TID 809). 962 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 9.0 in stage 239.0 (TID 809) in 6 ms on localhost (executor driver) (6/11)
19/02/20 20:37:00 INFO Executor: Finished task 8.0 in stage 239.0 (TID 808). 962 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 8.0 in stage 239.0 (TID 808) in 8 ms on localhost (executor driver) (7/11)
19/02/20 20:37:00 INFO Executor: Finished task 7.0 in stage 239.0 (TID 807). 919 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 7.0 in stage 239.0 (TID 807) in 10 ms on localhost (executor driver) (8/11)
19/02/20 20:37:00 INFO Executor: Finished task 6.0 in stage 239.0 (TID 806). 1005 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 6.0 in stage 239.0 (TID 806) in 13 ms on localhost (executor driver) (9/11)
19/02/20 20:37:00 INFO Executor: Finished task 5.0 in stage 239.0 (TID 805). 876 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 5.0 in stage 239.0 (TID 805) in 14 ms on localhost (executor driver) (10/11)
19/02/20 20:37:00 INFO Executor: Finished task 10.0 in stage 239.0 (TID 810). 962 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 10.0 in stage 239.0 (TID 810) in 9 ms on localhost (executor driver) (11/11)
19/02/20 20:37:00 INFO TaskSchedulerImpl: Removed TaskSet 239.0, whose tasks have all completed, from pool
19/02/20 20:37:00 INFO DAGScheduler: ShuffleMapStage 239 (filter at RelativeStrengthIndex.java:61) finished in 0.030 s
19/02/20 20:37:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:37:00 INFO DAGScheduler: running: Set()
19/02/20 20:37:00 INFO DAGScheduler: waiting: Set(ResultStage 240)
19/02/20 20:37:00 INFO DAGScheduler: failed: Set()
19/02/20 20:37:00 INFO DAGScheduler: Submitting ResultStage 240 (MapPartitionsRDD[504] at saveAsTextFile at RelativeStrengthIndex.java:125),

which has no missing parents

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19/02/20 20:37:00 INFO MemoryStore: Block broadcast_158 stored as values in
memory (estimated size 53.4 KB, free 2.2 GB)
19/02/20 20:37:00 INFO MemoryStore: Block broadcast_158_piece0 stored as bytes
in memory (estimated size 19.3 KB, free 2.2 GB)
19/02/20 20:37:00 INFO BlockManagerInfo: Added broadcast_158_piece0 in memory on
192.168.56.1:56546 (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:37:00 INFO SparkContext: Created broadcast 158 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:37:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage
240 (MapPartitionsRDD[504] at saveAsTextFile at RelativeStrengthIndex.java:125)
(first 15 tasks are for partitions Vector(0))
19/02/20 20:37:00 INFO TaskSchedulerImpl: Adding task set 240.0 with 1 tasks
19/02/20 20:37:00 INFO TaskSetManager: Starting task 0.0 in stage 240.0 (TID
811, localhost, executor driver, partition 0, ANY, 5682 bytes)
19/02/20 20:37:00 INFO Executor: Running task 0.0 in stage 240.0 (TID 811)
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 7 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 9 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
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19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 4 non-empty blocks out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 4 non-empty blocks out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:37:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:37:00 INFO FileOutputCommitter: Saved output of task 'attempt_20190220203700_0240_m_000000_811' to file:/C:/Users/Public/output/Analyses3_Rsi_1550675220552/_temporary/0/task_20190220203700_0240_m_000000
19/02/20 20:37:00 INFO SparkHadoopMapRedUtil: attempt_20190220203700_0240_m_000000_811: Committed
19/02/20 20:37:00 INFO Executor: Finished task 0.0 in stage 240.0 (TID 811). 1139 bytes result sent to driver
19/02/20 20:37:00 INFO TaskSetManager: Finished task 0.0 in stage 240.0 (TID 811) in 126 ms on localhost (executor driver) (1/1)
19/02/20 20:37:00 INFO TaskSchedulerImpl: Removed TaskSet 240.0, whose tasks have all completed, from pool
19/02/20 20:37:00 INFO DAGScheduler: ResultStage 240 (saveAsTextFile at RelativeStrengthIndex.java:125) finished in 0.126 s
19/02/20 20:37:00 INFO DAGScheduler: Job 65 finished: saveAsTextFile at RelativeStrengthIndex.java:125, took 0.175482 s
19/02/20 20:37:00 INFO JobScheduler: Finished job streaming job 1550675220000 ms.3 from job set of time 1550675220000 ms
19/02/20 20:37:00 INFO JobScheduler: Total delay: 0.840 s for time 1550675220000 ms (execution: 0.654 s)
19/02/20 20:37:00 INFO MapPartitionsRDD: Removing RDD 366 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 366
19/02/20 20:37:00 INFO ShuffledRDD: Removing RDD 365 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 365
19/02/20 20:37:00 INFO MapPartitionsRDD: Removing RDD 364 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 364
19/02/20 20:37:00 INFO MapPartitionsRDD: Removing RDD 363 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 363
19/02/20 20:37:00 INFO UnionRDD: Removing RDD 362 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 362
19/02/20 20:37:00 INFO MapPartitionsRDD: Removing RDD 58 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 58
19/02/20 20:37:00 INFO FileInputDStream: Cleared 1 old files that were older than 1550674020000 ms: 1550673960000 ms
19/02/20 20:37:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674020000 ms:
19/02/20 20:37:00 INFO ShuffledRDD: Removing RDD 380 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 380
19/02/20 20:37:00 INFO MapPartitionsRDD: Removing RDD 377 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 377
19/02/20 20:37:00 INFO MapPartitionsRDD: Removing RDD 376 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 376
19/02/20 20:37:00 INFO MapPartitionsRDD: Removing RDD 375 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 375
19/02/20 20:37:00 INFO MapPartitionsRDD: Removing RDD 369 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 369
19/02/20 20:37:00 INFO ShuffledRDD: Removing RDD 368 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 368

19/02/20 20:37:00 INFO MapPartitionsRDD: Removing RDD 367 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 367
19/02/20 20:37:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674020000 ms:
19/02/20 20:37:00 INFO MapPartitionsRDD: Removing RDD 372 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 372
19/02/20 20:37:00 INFO ShuffledRDD: Removing RDD 371 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 371
19/02/20 20:37:00 INFO MapPartitionsRDD: Removing RDD 370 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 370
19/02/20 20:37:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674020000 ms:
19/02/20 20:37:00 INFO MapPartitionsRDD: Removing RDD 465 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 465
19/02/20 20:37:00 INFO MapPartitionsRDD: Removing RDD 464 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 464
19/02/20 20:37:00 INFO ShuffledRDD: Removing RDD 459 from persistence list
19/02/20 20:37:00 INFO MapPartitionsRDD: Removing RDD 458 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 459
19/02/20 20:37:00 INFO BlockManager: Removing RDD 458
19/02/20 20:37:00 INFO MapPartitionsRDD: Removing RDD 457 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 457
19/02/20 20:37:00 INFO MapPartitionsRDD: Removing RDD 456 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 456
19/02/20 20:37:00 INFO UnionRDD: Removing RDD 455 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 455
19/02/20 20:37:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674020000 ms:
19/02/20 20:37:00 INFO ShuffledRDD: Removing RDD 461 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 461
19/02/20 20:37:00 INFO MapPartitionsRDD: Removing RDD 460 from persistence list
19/02/20 20:37:00 INFO BlockManager: Removing RDD 460
19/02/20 20:37:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674020000 ms:
19/02/20 20:37:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674020000 ms:
19/02/20 20:37:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:37:00 INFO InputInfoTracker: remove old batch metadata: 1550673960000 ms
19/02/20 20:38:00 INFO MappedDStream: Time 1550675280000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1560000 ms
19/02/20 20:38:00 INFO FlatMappedDStream: Time 1550675280000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1560000 ms
19/02/20 20:38:00 INFO TransformedDStream: Time 1550675280000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1560000 ms
19/02/20 20:38:00 INFO MappedDStream: Slicing from 1550674740000 ms to 1550675280000 ms (aligned to 1550674740000 ms and 1550675280000 ms)
19/02/20 20:38:00 INFO FileInputDStream: Finding new files took 18 ms
19/02/20 20:38:00 INFO FileInputDStream: New files at time 1550675280000 ms: file:/C:/Users/Public/JSON/stocks_price_1550675226.9753697.json
19/02/20 20:38:00 INFO MemoryStore: Block broadcast_159 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:38:00 INFO MemoryStore: Block broadcast_159_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:38:00 INFO BlockManagerInfo: Added broadcast_159_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:38:00 INFO SparkContext: Created broadcast 159 from textFileStream at SparkAnalysesDriver.java:52
19/02/20 20:38:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:38:00 INFO TransformedDStream: Time 1550675280000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is

1560000 ms
19/02/20 20:38:00 INFO JobScheduler: Added jobs for time 1550675280000 ms
19/02/20 20:38:00 INFO JobScheduler: Starting job streaming job 1550675280000 ms.
ms.0 from job set of time 1550675280000 ms
19/02/20 20:38:00 INFO SparkContext: Starting job: saveAsTextFile at RelativeStrengthIndex.java:125
19/02/20 20:38:00 INFO DAGScheduler: Registering RDD 513 (filter at RelativeStrengthIndex.java:61)
19/02/20 20:38:00 INFO DAGScheduler: Registering RDD 511 (filter at RelativeStrengthIndex.java:54)
19/02/20 20:38:00 INFO DAGScheduler: Got job 66 (saveAsTextFile at RelativeStrengthIndex.java:125) with 1 output partitions
19/02/20 20:38:00 INFO DAGScheduler: Final stage: ResultStage 243 (saveAsTextFile at RelativeStrengthIndex.java:125)
19/02/20 20:38:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 241, ShuffleMapStage 242)
19/02/20 20:38:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 241, ShuffleMapStage 242)
19/02/20 20:38:00 INFO DAGScheduler: Submitting ShuffleMapStage 241 (MapPartitionsRDD[513] at filter at RelativeStrengthIndex.java:61), which has no missing parents
19/02/20 20:38:00 INFO MemoryStore: Block broadcast_160 stored as values in memory (estimated size 10.7 KB, free 2.2 GB)
19/02/20 20:38:00 INFO MemoryStore: Block broadcast_160_piece0 stored as bytes in memory (estimated size 5.1 KB, free 2.2 GB)
19/02/20 20:38:00 INFO BlockManagerInfo: Added broadcast_160_piece0 in memory on 192.168.56.1:56546 (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:38:00 INFO SparkContext: Created broadcast 160 from broadcast at DAGScheduler.scala:1006
19/02/20 20:38:00 INFO DAGScheduler: Submitting 10 missing tasks from ShuffleMapStage 241 (MapPartitionsRDD[513] at filter at RelativeStrengthIndex.java:61) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9))
19/02/20 20:38:00 INFO TaskSchedulerImpl: Adding task set 241.0 with 10 tasks
19/02/20 20:38:00 INFO DAGScheduler: Submitting ShuffleMapStage 242 (MapPartitionsRDD[511] at filter at RelativeStrengthIndex.java:54), which has no missing parents
19/02/20 20:38:00 INFO TaskSetManager: Starting task 0.0 in stage 241.0 (TID 812, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:38:00 INFO TaskSetManager: Starting task 1.0 in stage 241.0 (TID 813, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:38:00 INFO TaskSetManager: Starting task 2.0 in stage 241.0 (TID 814, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:38:00 INFO TaskSetManager: Starting task 3.0 in stage 241.0 (TID 815, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:38:00 INFO TaskSetManager: Starting task 4.0 in stage 241.0 (TID 816, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:38:00 INFO TaskSetManager: Starting task 5.0 in stage 241.0 (TID 817, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:38:00 INFO TaskSetManager: Starting task 6.0 in stage 241.0 (TID 818, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:38:00 INFO TaskSetManager: Starting task 7.0 in stage 241.0 (TID 819, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:38:00 INFO Executor: Running task 5.0 in stage 241.0 (TID 817)
19/02/20 20:38:00 INFO Executor: Running task 1.0 in stage 241.0 (TID 813)
19/02/20 20:38:00 INFO Executor: Running task 2.0 in stage 241.0 (TID 814)
19/02/20 20:38:00 INFO Executor: Running task 0.0 in stage 241.0 (TID 812)
19/02/20 20:38:00 INFO Executor: Running task 3.0 in stage 241.0 (TID 815)
19/02/20 20:38:00 INFO Executor: Running task 6.0 in stage 241.0 (TID 818)
19/02/20 20:38:00 INFO Executor: Running task 4.0 in stage 241.0 (TID 816)
19/02/20 20:38:00 INFO Executor: Running task 7.0 in stage 241.0 (TID 819)
19/02/20 20:38:00 INFO MemoryStore: Block broadcast_161 stored as values in memory (estimated size 10.7 KB, free 2.2 GB)
19/02/20 20:38:00 INFO BlockManager: Found block rdd_438_0 locally

19/02/20 20:38:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:38:00 INFO MemoryStore: Block broadcast_161_piece0 stored as bytes in memory (estimated size 5.1 KB, free 2.2 GB)
19/02/20 20:38:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:38:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:38:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:38:00 INFO BlockManagerInfo: Added broadcast_161_piece0 in memory on 192.168.56.1:56546 (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:38:00 INFO SparkContext: Created broadcast 161 from broadcast at DAGScheduler.scala:1006
19/02/20 20:38:00 INFO DAGScheduler: Submitting 10 missing tasks from ShuffleMapStage 242 (MapPartitionsRDD[511] at filter at RelativeStrengthIndex.java:54) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9))
19/02/20 20:38:00 INFO TaskSchedulerImpl: Adding task set 242.0 with 10 tasks
19/02/20 20:38:00 INFO BlockManager: Found block rdd_454_0 locally
19/02/20 20:38:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:38:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:38:00 INFO Executor: Finished task 1.0 in stage 241.0 (TID 813). 919 bytes result sent to driver
19/02/20 20:38:00 INFO TaskSetManager: Starting task 8.0 in stage 241.0 (TID 820, localhost, executor driver, partition 8, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:38:00 INFO TaskSetManager: Finished task 1.0 in stage 241.0 (TID 813) in 8 ms on localhost (executor driver) (1/10)
19/02/20 20:38:00 INFO Executor: Running task 8.0 in stage 241.0 (TID 820)
19/02/20 20:38:00 INFO Executor: Finished task 7.0 in stage 241.0 (TID 819). 962 bytes result sent to driver
19/02/20 20:38:00 INFO BlockManager: Found block rdd_470_0 locally
19/02/20 20:38:00 INFO TaskSetManager: Starting task 9.0 in stage 241.0 (TID 821, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:38:00 INFO Executor: Running task 9.0 in stage 241.0 (TID 821)
19/02/20 20:38:00 INFO TaskSetManager: Finished task 7.0 in stage 241.0 (TID 819) in 10 ms on localhost (executor driver) (2/10)
19/02/20 20:38:00 INFO Executor: Finished task 4.0 in stage 241.0 (TID 816). 962 bytes result sent to driver
19/02/20 20:38:00 INFO NewHadoopRDD: Input split: file:/C:/Users/Public/JSON/stocks_price_1550675226.9753697.json:0+681
19/02/20 20:38:00 INFO TaskSetManager: Starting task 0.0 in stage 242.0 (TID 822, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:38:00 INFO TaskSetManager: Finished task 4.0 in stage 241.0 (TID 816) in 12 ms on localhost (executor driver) (3/10)
19/02/20 20:38:00 INFO Executor: Running task 0.0 in stage 242.0 (TID 822)
19/02/20 20:38:00 INFO Executor: Finished task 2.0 in stage 241.0 (TID 814). 876 bytes result sent to driver
19/02/20 20:38:00 INFO TaskSetManager: Starting task 1.0 in stage 242.0 (TID 823, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:38:00 INFO Executor: Running task 1.0 in stage 242.0 (TID 823)
19/02/20 20:38:00 INFO BlockManager: Found block rdd_313_0 locally
19/02/20 20:38:00 INFO TaskSetManager: Finished task 2.0 in stage 241.0 (TID 814) in 14 ms on localhost (executor driver) (4/10)
19/02/20 20:38:00 INFO Executor: Finished task 0.0 in stage 241.0 (TID 812). 919 bytes result sent to driver
19/02/20 20:38:00 INFO TaskSetManager: Starting task 2.0 in stage 242.0 (TID 824, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:38:00 INFO MemoryStore: Block rdd_507_0 stored as bytes in memory (estimated size 685.0 B, free 2.2 GB)
19/02/20 20:38:00 INFO TaskSetManager: Finished task 0.0 in stage 241.0 (TID 812) in 16 ms on localhost (executor driver) (5/10)
19/02/20 20:38:00 INFO Executor: Running task 2.0 in stage 242.0 (TID 824)
19/02/20 20:38:00 INFO BlockManagerInfo: Added rdd_507_0 in memory on 192.168.56.1:56546 (size: 685.0 B, free: 2.2 GB)
19/02/20 20:38:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:38:00 INFO Executor: Finished task 6.0 in stage 241.0 (TID 818). 962 bytes result sent to driver

19/02/20 20:38:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:38:00 INFO TaskSetManager: Starting task 3.0 in stage 242.0 (TID 825, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:38:00 INFO TaskSetManager: Finished task 6.0 in stage 241.0 (TID 818) in 17 ms on localhost (executor driver) (6/10)
19/02/20 20:38:00 INFO Executor: Running task 3.0 in stage 242.0 (TID 825)
19/02/20 20:38:00 INFO Executor: Finished task 5.0 in stage 241.0 (TID 817). 962 bytes result sent to driver
19/02/20 20:38:00 INFO TaskSetManager: Starting task 4.0 in stage 242.0 (TID 826, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:38:00 INFO Executor: Running task 4.0 in stage 242.0 (TID 826)
19/02/20 20:38:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:38:00 INFO TaskSetManager: Finished task 5.0 in stage 241.0 (TID 817) in 20 ms on localhost (executor driver) (7/10)
19/02/20 20:38:00 INFO Executor: Finished task 9.0 in stage 241.0 (TID 821). 1659 bytes result sent to driver
19/02/20 20:38:00 INFO TaskSetManager: Starting task 5.0 in stage 242.0 (TID 827, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:38:00 INFO Executor: Running task 5.0 in stage 242.0 (TID 827)
19/02/20 20:38:00 INFO TaskSetManager: Finished task 9.0 in stage 241.0 (TID 821) in 11 ms on localhost (executor driver) (8/10)
19/02/20 20:38:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:38:00 INFO Executor: Finished task 0.0 in stage 242.0 (TID 822). 1005 bytes result sent to driver
19/02/20 20:38:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:38:00 INFO TaskSetManager: Starting task 6.0 in stage 242.0 (TID 828, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:38:00 INFO TaskSetManager: Finished task 0.0 in stage 242.0 (TID 822) in 11 ms on localhost (executor driver) (1/10)
19/02/20 20:38:00 INFO Executor: Running task 6.0 in stage 242.0 (TID 828)
19/02/20 20:38:00 INFO Executor: Finished task 8.0 in stage 241.0 (TID 820). 919 bytes result sent to driver
19/02/20 20:38:00 INFO TaskSetManager: Starting task 7.0 in stage 242.0 (TID 829, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:38:00 INFO TaskSetManager: Finished task 8.0 in stage 241.0 (TID 820) in 16 ms on localhost (executor driver) (9/10)
19/02/20 20:38:00 INFO Executor: Running task 7.0 in stage 242.0 (TID 829)
19/02/20 20:38:00 INFO BlockManager: Found block rdd_438_0 locally
19/02/20 20:38:00 INFO Executor: Finished task 3.0 in stage 241.0 (TID 815). 876 bytes result sent to driver
19/02/20 20:38:00 INFO TaskSetManager: Starting task 8.0 in stage 242.0 (TID 830, localhost, executor driver, partition 8, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:38:00 INFO TaskSetManager: Finished task 3.0 in stage 241.0 (TID 815) in 26 ms on localhost (executor driver) (10/10)
19/02/20 20:38:00 INFO Executor: Running task 8.0 in stage 242.0 (TID 830)
19/02/20 20:38:00 INFO DAGScheduler: ShuffleMapStage 241 (filter at RelativeStrengthIndex.java:61) finished in 0.027 s
19/02/20 20:38:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:38:00 INFO BlockManager: Found block rdd_454_0 locally
19/02/20 20:38:00 INFO TaskSchedulerImpl: Removed TaskSet 241.0, whose tasks have all completed, from pool
19/02/20 20:38:00 INFO DAGScheduler: running: Set(ShuffleMapStage 242)
19/02/20 20:38:00 INFO DAGScheduler: waiting: Set(ResultStage 243)
19/02/20 20:38:00 INFO DAGScheduler: failed: Set()
19/02/20 20:38:00 INFO Executor: Finished task 4.0 in stage 242.0 (TID 826). 919 bytes result sent to driver
19/02/20 20:38:00 INFO TaskSetManager: Starting task 9.0 in stage 242.0 (TID 831, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:38:00 INFO TaskSetManager: Finished task 4.0 in stage 242.0 (TID 826) in 8 ms on localhost (executor driver) (2/10)
19/02/20 20:38:00 INFO Executor: Running task 9.0 in stage 242.0 (TID 831)
19/02/20 20:38:00 INFO BlockManager: Found block rdd_470_0 locally
19/02/20 20:38:00 INFO Executor: Finished task 3.0 in stage 242.0 (TID 825). 919 bytes result sent to driver

19/02/20 20:38:00 INFO TaskSetManager: Finished task 3.0 in stage 242.0 (TID 825) in 11 ms on localhost (executor driver) (3/10)
19/02/20 20:38:00 INFO BlockManager: Found block rdd_507_0 locally
19/02/20 20:38:00 INFO Executor: Finished task 2.0 in stage 242.0 (TID 824). 1005 bytes result sent to driver
19/02/20 20:38:00 INFO TaskSetManager: Finished task 2.0 in stage 242.0 (TID 824) in 16 ms on localhost (executor driver) (4/10)
19/02/20 20:38:00 INFO Executor: Finished task 1.0 in stage 242.0 (TID 823). 962 bytes result sent to driver
19/02/20 20:38:00 INFO TaskSetManager: Finished task 1.0 in stage 242.0 (TID 823) in 19 ms on localhost (executor driver) (5/10)
19/02/20 20:38:00 INFO Executor: Finished task 9.0 in stage 242.0 (TID 831). 919 bytes result sent to driver
19/02/20 20:38:00 INFO TaskSetManager: Finished task 9.0 in stage 242.0 (TID 831) in 6 ms on localhost (executor driver) (6/10)
19/02/20 20:38:00 INFO Executor: Finished task 8.0 in stage 242.0 (TID 830). 1005 bytes result sent to driver
19/02/20 20:38:00 INFO TaskSetManager: Finished task 8.0 in stage 242.0 (TID 830) in 14 ms on localhost (executor driver) (7/10)
19/02/20 20:38:00 INFO Executor: Finished task 6.0 in stage 242.0 (TID 828). 1048 bytes result sent to driver
19/02/20 20:38:00 INFO Executor: Finished task 7.0 in stage 242.0 (TID 829). 962 bytes result sent to driver
19/02/20 20:38:00 INFO TaskSetManager: Finished task 6.0 in stage 242.0 (TID 828) in 25 ms on localhost (executor driver) (8/10)
19/02/20 20:38:00 INFO TaskSetManager: Finished task 7.0 in stage 242.0 (TID 829) in 24 ms on localhost (executor driver) (9/10)
19/02/20 20:38:00 INFO BlockManagerInfo: Removed broadcast_160_piece0 on 192.168.56.1:56546 in memory (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:38:00 INFO Executor: Finished task 5.0 in stage 242.0 (TID 827). 1005 bytes result sent to driver
19/02/20 20:38:00 INFO TaskSetManager: Finished task 5.0 in stage 242.0 (TID 827) in 28 ms on localhost (executor driver) (10/10)
19/02/20 20:38:00 INFO TaskSchedulerImpl: Removed TaskSet 242.0, whose tasks have all completed, from pool
19/02/20 20:38:00 INFO DAGScheduler: ShuffleMapStage 242 (filter at RelativeStrengthIndex.java:54) finished in 0.045 s
19/02/20 20:38:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:38:00 INFO DAGScheduler: running: Set()
19/02/20 20:38:00 INFO DAGScheduler: waiting: Set(ResultStage 243)
19/02/20 20:38:00 INFO DAGScheduler: failed: Set()
19/02/20 20:38:00 INFO BlockManagerInfo: Removed broadcast_157_piece0 on 192.168.56.1:56546 in memory (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:38:00 INFO DAGScheduler: Submitting ResultStage 243 (MapPartitionsRDD[520] at saveAsTextFile at RelativeStrengthIndex.java:125), which has no missing parents
19/02/20 20:38:00 INFO BlockManagerInfo: Removed broadcast_147_piece0 on 192.168.56.1:56546 in memory (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:38:00 INFO ContextCleaner: Cleaned shuffle 45
19/02/20 20:38:00 INFO BlockManagerInfo: Removed broadcast_153_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:38:00 INFO BlockManagerInfo: Removed broadcast_152_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:38:00 INFO BlockManagerInfo: Removed broadcast_143_piece0 on 192.168.56.1:56546 in memory (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:38:00 INFO BlockManagerInfo: Removed broadcast_142_piece0 on 192.168.56.1:56546 in memory (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:38:00 INFO BlockManagerInfo: Removed broadcast_148_piece0 on 192.168.56.1:56546 in memory (size: 18.7 KB, free: 2.2 GB)
19/02/20 20:38:00 INFO BlockManagerInfo: Removed broadcast_144_piece0 on 192.168.56.1:56546 in memory (size: 2.7 KB, free: 2.2 GB)
19/02/20 20:38:00 INFO ContextCleaner: Cleaned shuffle 40
19/02/20 20:38:00 INFO ContextCleaner: Cleaned shuffle 57
19/02/20 20:38:00 INFO BlockManagerInfo: Removed broadcast_154_piece0 on

[illegible]

0 ms
19/02/20 20:38:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 10 blocks
19/02/20 20:38:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:38:00 INFO ShuffleBlockFetcherIterator: Getting 7 non-empty blocks out of 10 blocks
19/02/20 20:38:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:38:00 INFO ShuffleBlockFetcherIterator: Getting 8 non-empty blocks out of 10 blocks
19/02/20 20:38:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:38:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 10 blocks
19/02/20 20:38:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:38:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 10 blocks
19/02/20 20:38:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:38:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 10 blocks
19/02/20 20:38:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:38:00 INFO ShuffleBlockFetcherIterator: Getting 3 non-empty blocks out of 10 blocks
19/02/20 20:38:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:38:00 INFO ShuffleBlockFetcherIterator: Getting 5 non-empty blocks out of 10 blocks
19/02/20 20:38:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:38:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 10 blocks
19/02/20 20:38:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:38:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 10 blocks
19/02/20 20:38:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:38:00 INFO FileOutputCommitter: Saved output of task 'attempt_20190220203800_0243_m_000000_832' to file:/C:/Users/Public/output/Analyses3_Rsi_1550675280053/_temporary/0/task_20190220203800_0243_m_000000
19/02/20 20:38:00 INFO SparkHadoopMapRedUtil: attempt_20190220203800_0243_m_000000_832: Committed
19/02/20 20:38:00 INFO Executor: Finished task 0.0 in stage 243.0 (TID 832). 1096 bytes result sent to driver
19/02/20 20:38:00 INFO TaskSetManager: Finished task 0.0 in stage 243.0 (TID 832) in 138 ms on localhost (executor driver) (1/1)
19/02/20 20:38:00 INFO TaskSchedulerImpl: Removed TaskSet 243.0, whose tasks have all completed, from pool
19/02/20 20:38:00 INFO DAGScheduler: ResultStage 243 (saveAsTextFile at RelativeStrengthIndex.java:125) finished in 0.139 s
19/02/20 20:38:00 INFO DAGScheduler: Job 66 finished: saveAsTextFile at RelativeStrengthIndex.java:125, took 0.205431 s
19/02/20 20:38:00 INFO JobScheduler: Finished job streaming job 1550675280000 ms.0 from job set of time 1550675280000 ms
19/02/20 20:38:00 INFO JobScheduler: Total delay: 0.393 s for time 1550675280000 ms (execution: 0.340 s)
19/02/20 20:38:00 INFO MapPartitionsRDD: Removing RDD 94 from persistence list
19/02/20 20:38:00 INFO BlockManager: Removing RDD 94
19/02/20 20:38:00 INFO FileInputDStream: Cleared 1 old files that were older than 1550674080000 ms: 1550674020000 ms
19/02/20 20:38:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674080000 ms:
19/02/20 20:38:00 INFO FileInputDStream: Cleared 0 old files that were older

than 1550674080000 ms:
19/02/20 20:38:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550674080000 ms:
19/02/20 20:38:00 INFO MapPartitionsRDD: Removing RDD 500 from persistence list
19/02/20 20:38:00 INFO BlockManager: Removing RDD 500
19/02/20 20:38:00 INFO MapPartitionsRDD: Removing RDD 499 from persistence list
19/02/20 20:38:00 INFO BlockManager: Removing RDD 499
19/02/20 20:38:00 INFO ShuffledRDD: Removing RDD 494 from persistence list
19/02/20 20:38:00 INFO BlockManager: Removing RDD 494
19/02/20 20:38:00 INFO MapPartitionsRDD: Removing RDD 493 from persistence list
19/02/20 20:38:00 INFO BlockManager: Removing RDD 493
19/02/20 20:38:00 INFO MapPartitionsRDD: Removing RDD 492 from persistence list
19/02/20 20:38:00 INFO MapPartitionsRDD: Removing RDD 491 from persistence list
19/02/20 20:38:00 INFO BlockManager: Removing RDD 492
19/02/20 20:38:00 INFO BlockManager: Removing RDD 491
19/02/20 20:38:00 INFO UnionRDD: Removing RDD 490 from persistence list
19/02/20 20:38:00 INFO BlockManager: Removing RDD 490
19/02/20 20:38:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550674080000 ms:
19/02/20 20:38:00 INFO ShuffledRDD: Removing RDD 496 from persistence list
19/02/20 20:38:00 INFO BlockManager: Removing RDD 496
19/02/20 20:38:00 INFO MapPartitionsRDD: Removing RDD 495 from persistence list
19/02/20 20:38:00 INFO BlockManager: Removing RDD 495
19/02/20 20:38:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550674080000 ms:
19/02/20 20:38:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550674080000 ms:
19/02/20 20:38:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:38:00 INFO InputInfoTracker: remove old batch metadata:
1550674020000 ms
19/02/20 20:39:00 INFO MappedDStream: Time 1550675340000 ms is invalid as
zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is
1620000 ms
19/02/20 20:39:00 INFO FlatMappedDStream: Time 1550675340000 ms is invalid as
zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is
1620000 ms
19/02/20 20:39:00 INFO TransformedDStream: Time 1550675340000 ms is invalid as
zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is
1620000 ms
19/02/20 20:39:00 INFO MappedDStream: Slicing from 1550674800000 ms to
1550675340000 ms (aligned to 1550674800000 ms and 1550675340000 ms)
19/02/20 20:39:00 INFO FileInputDStream: Finding new files took 20 ms
19/02/20 20:39:00 INFO FileInputDStream: New files at time 1550675340000 ms:
file:/C:/Users/Public/JSON/stocks_price_1550675281.5272768.json
file:/C:/Users/Public/JSON/stocks_price_1550675334.9341419.json
19/02/20 20:39:00 INFO MemoryStore: Block broadcast_163 stored as values in
memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:39:00 INFO MemoryStore: Block broadcast_163_piece0 stored as bytes
in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:39:00 INFO BlockManagerInfo: Added broadcast_163_piece0 in memory on
192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:39:00 INFO SparkContext: Created broadcast 163 from textFileStream
at SparkAnalysesDriver.java:52
19/02/20 20:39:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:39:00 INFO MemoryStore: Block broadcast_164 stored as values in
memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:39:00 INFO MemoryStore: Block broadcast_164_piece0 stored as bytes
in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:39:00 INFO BlockManagerInfo: Added broadcast_164_piece0 in memory on
192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:39:00 INFO SparkContext: Created broadcast 164 from textFileStream
at SparkAnalysesDriver.java:52
19/02/20 20:39:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:39:00 INFO TransformedDStream: Time 1550675340000 ms is invalid as

zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 1620000 ms

19/02/20 20:39:00 INFO JobScheduler: Added jobs for time 1550675340000 ms

19/02/20 20:39:00 INFO JobScheduler: Starting job streaming job 1550675340000 ms.0 from job set of time 1550675340000 ms

19/02/20 20:39:00 INFO SparkContext: Starting job: saveAsTextFile at RelativeStrengthIndex.java:125

19/02/20 20:39:00 INFO DAGScheduler: Registering RDD 530 (filter at RelativeStrengthIndex.java:61)

19/02/20 20:39:00 INFO DAGScheduler: Registering RDD 528 (filter at RelativeStrengthIndex.java:54)

19/02/20 20:39:00 INFO DAGScheduler: Got job 67 (saveAsTextFile at RelativeStrengthIndex.java:125) with 1 output partitions

19/02/20 20:39:00 INFO DAGScheduler: Final stage: ResultStage 246 (saveAsTextFile at RelativeStrengthIndex.java:125)

19/02/20 20:39:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 245, ShuffleMapStage 244)

19/02/20 20:39:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 245, ShuffleMapStage 244)

19/02/20 20:39:00 INFO DAGScheduler: Submitting ShuffleMapStage 244 (MapPartitionsRDD[530] at filter at RelativeStrengthIndex.java:61), which has no missing parents

19/02/20 20:39:00 INFO MemoryStore: Block broadcast_165 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)

19/02/20 20:39:00 INFO MemoryStore: Block broadcast_165_piece0 stored as bytes in memory (estimated size 5.1 KB, free 2.2 GB)

19/02/20 20:39:00 INFO BlockManagerInfo: Added broadcast_165_piece0 in memory on 192.168.56.1:56546 (size: 5.1 KB, free: 2.2 GB)

19/02/20 20:39:00 INFO SparkContext: Created broadcast 165 from broadcast at DAGScheduler.scala:1006

19/02/20 20:39:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 244 (MapPartitionsRDD[530] at filter at RelativeStrengthIndex.java:61) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))

19/02/20 20:39:00 INFO TaskSchedulerImpl: Adding task set 244.0 with 11 tasks

19/02/20 20:39:00 INFO DAGScheduler: Submitting ShuffleMapStage 245 (MapPartitionsRDD[528] at filter at RelativeStrengthIndex.java:54), which has no missing parents

19/02/20 20:39:00 INFO TaskSetManager: Starting task 0.0 in stage 244.0 (TID 833, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:39:00 INFO TaskSetManager: Starting task 1.0 in stage 244.0 (TID 834, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:39:00 INFO TaskSetManager: Starting task 2.0 in stage 244.0 (TID 835, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:39:00 INFO TaskSetManager: Starting task 3.0 in stage 244.0 (TID 836, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:39:00 INFO TaskSetManager: Starting task 4.0 in stage 244.0 (TID 837, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:39:00 INFO TaskSetManager: Starting task 5.0 in stage 244.0 (TID 838, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:39:00 INFO TaskSetManager: Starting task 6.0 in stage 244.0 (TID 839, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:39:00 INFO TaskSetManager: Starting task 7.0 in stage 244.0 (TID 840, localhost, executor driver, partition 7, PROCESS_LOCAL, 5036 bytes)

19/02/20 20:39:00 INFO Executor: Running task 4.0 in stage 244.0 (TID 837)

19/02/20 20:39:00 INFO Executor: Running task 5.0 in stage 244.0 (TID 838)

19/02/20 20:39:00 INFO Executor: Running task 0.0 in stage 244.0 (TID 833)

19/02/20 20:39:00 INFO Executor: Running task 3.0 in stage 244.0 (TID 836)

19/02/20 20:39:00 INFO Executor: Running task 1.0 in stage 244.0 (TID 834)

19/02/20 20:39:00 INFO Executor: Running task 2.0 in stage 244.0 (TID 835)

19/02/20 20:39:00 INFO Executor: Running task 6.0 in stage 244.0 (TID 839)

19/02/20 20:39:00 INFO Executor: Running task 7.0 in stage 244.0 (TID 840)

19/02/20 20:39:00 INFO MemoryStore: Block broadcast_166 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)

19/02/20 20:39:00 INFO MemoryStore: Block broadcast_166_piece0 stored as bytes in memory (estimated size 5.1 KB, free 2.2 GB)
19/02/20 20:39:00 INFO BlockManager: Found block rdd_438_0 locally
19/02/20 20:39:00 INFO BlockManager: Found block rdd_470_0 locally
19/02/20 20:39:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:39:00 INFO BlockManager: Found block rdd_329_0 locally
19/02/20 20:39:00 INFO BlockManager: Found block rdd_454_0 locally
19/02/20 20:39:00 INFO BlockManagerInfo: Added broadcast_166_piece0 in memory on 192.168.56.1:56546 (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:39:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:39:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:39:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:39:00 INFO SparkContext: Created broadcast 166 from broadcast at DAGScheduler.scala:1006
19/02/20 20:39:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 245 (MapPartitionsRDD[528] at filter at RelativeStrengthIndex.java:54) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:39:00 INFO TaskSchedulerImpl: Adding task set 245.0 with 11 tasks
19/02/20 20:39:00 INFO Executor: Finished task 2.0 in stage 244.0 (TID 835). 876 bytes result sent to driver
19/02/20 20:39:00 INFO TaskSetManager: Starting task 8.0 in stage 244.0 (TID 841, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:39:00 INFO TaskSetManager: Finished task 2.0 in stage 244.0 (TID 835) in 7 ms on localhost (executor driver) (1/11)
19/02/20 20:39:00 INFO Executor: Running task 8.0 in stage 244.0 (TID 841)
19/02/20 20:39:00 INFO Executor: Finished task 7.0 in stage 244.0 (TID 840). 962 bytes result sent to driver
19/02/20 20:39:00 INFO TaskSetManager: Starting task 9.0 in stage 244.0 (TID 842, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:39:00 INFO TaskSetManager: Finished task 7.0 in stage 244.0 (TID 840) in 8 ms on localhost (executor driver) (2/11)
19/02/20 20:39:00 INFO Executor: Running task 9.0 in stage 244.0 (TID 842)
19/02/20 20:39:00 INFO Executor: Finished task 0.0 in stage 244.0 (TID 833). 962 bytes result sent to driver
19/02/20 20:39:00 INFO BlockManager: Found block rdd_507_0 locally
19/02/20 20:39:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550675281.5272768.json:0+681
19/02/20 20:39:00 INFO TaskSetManager: Starting task 10.0 in stage 244.0 (TID 843, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:39:00 INFO Executor: Running task 10.0 in stage 244.0 (TID 843)
19/02/20 20:39:00 INFO TaskSetManager: Finished task 0.0 in stage 244.0 (TID 833) in 10 ms on localhost (executor driver) (3/11)
19/02/20 20:39:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550675334.9341419.json:0+681
19/02/20 20:39:00 INFO Executor: Finished task 5.0 in stage 244.0 (TID 838). 1005 bytes result sent to driver
19/02/20 20:39:00 INFO TaskSetManager: Starting task 0.0 in stage 245.0 (TID 844, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:39:00 INFO TaskSetManager: Finished task 5.0 in stage 244.0 (TID 838) in 11 ms on localhost (executor driver) (4/11)
19/02/20 20:39:00 INFO MemoryStore: Block rdd_524_0 stored as bytes in memory (estimated size 685.0 B, free 2.2 GB)
19/02/20 20:39:00 INFO Executor: Running task 0.0 in stage 245.0 (TID 844)
19/02/20 20:39:00 INFO BlockManagerInfo: Added rdd_524_0 in memory on 192.168.56.1:56546 (size: 685.0 B, free: 2.2 GB)
19/02/20 20:39:00 INFO Executor: Finished task 3.0 in stage 244.0 (TID 836). 962 bytes result sent to driver
19/02/20 20:39:00 INFO TaskSetManager: Starting task 1.0 in stage 245.0 (TID 845, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:39:00 INFO TaskSetManager: Finished task 3.0 in stage 244.0 (TID 836) in 12 ms on localhost (executor driver) (5/11)
19/02/20 20:39:00 INFO Executor: Running task 1.0 in stage 245.0 (TID 845)
19/02/20 20:39:00 INFO BlockManager: Found block rdd_329_0 locally

19/02/20 20:39:00 INFO MemoryStore: Block rdd_524_1 stored as bytes in memory (estimated size 685.0 B, free 2.2 GB)
19/02/20 20:39:00 INFO BlockManagerInfo: Added rdd_524_1 in memory on 192.168.56.1:56546 (size: 685.0 B, free: 2.2 GB)
19/02/20 20:39:00 INFO Executor: Finished task 4.0 in stage 244.0 (TID 837). 962 bytes result sent to driver
19/02/20 20:39:00 INFO TaskSetManager: Starting task 2.0 in stage 245.0 (TID 846, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:39:00 INFO Executor: Running task 2.0 in stage 245.0 (TID 846)
19/02/20 20:39:00 INFO TaskSetManager: Finished task 4.0 in stage 244.0 (TID 837) in 14 ms on localhost (executor driver) (6/11)
19/02/20 20:39:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:39:00 INFO Executor: Finished task 6.0 in stage 244.0 (TID 839). 962 bytes result sent to driver
19/02/20 20:39:00 INFO TaskSetManager: Starting task 3.0 in stage 245.0 (TID 847, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:39:00 INFO TaskSetManager: Finished task 6.0 in stage 244.0 (TID 839) in 16 ms on localhost (executor driver) (7/11)
19/02/20 20:39:00 INFO Executor: Running task 3.0 in stage 245.0 (TID 847)
19/02/20 20:39:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:39:00 INFO Executor: Finished task 1.0 in stage 244.0 (TID 834). 876 bytes result sent to driver
19/02/20 20:39:00 INFO TaskSetManager: Starting task 4.0 in stage 245.0 (TID 848, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:39:00 INFO TaskSetManager: Finished task 1.0 in stage 244.0 (TID 834) in 18 ms on localhost (executor driver) (8/11)
19/02/20 20:39:00 INFO Executor: Running task 4.0 in stage 245.0 (TID 848)
19/02/20 20:39:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:39:00 INFO Executor: Finished task 0.0 in stage 245.0 (TID 844). 1005 bytes result sent to driver
19/02/20 20:39:00 INFO TaskSetManager: Starting task 5.0 in stage 245.0 (TID 849, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:39:00 INFO TaskSetManager: Finished task 0.0 in stage 245.0 (TID 844) in 7 ms on localhost (executor driver) (1/11)
19/02/20 20:39:00 INFO Executor: Running task 5.0 in stage 245.0 (TID 849)
19/02/20 20:39:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:39:00 INFO Executor: Finished task 9.0 in stage 244.0 (TID 842). 1702 bytes result sent to driver
19/02/20 20:39:00 INFO TaskSetManager: Starting task 6.0 in stage 245.0 (TID 850, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:39:00 INFO TaskSetManager: Finished task 9.0 in stage 244.0 (TID 842) in 12 ms on localhost (executor driver) (9/11)
19/02/20 20:39:00 INFO Executor: Running task 6.0 in stage 245.0 (TID 850)
19/02/20 20:39:00 INFO BlockManager: Found block rdd_438_0 locally
19/02/20 20:39:00 INFO Executor: Finished task 8.0 in stage 244.0 (TID 841). 962 bytes result sent to driver
19/02/20 20:39:00 INFO TaskSetManager: Starting task 7.0 in stage 245.0 (TID 851, localhost, executor driver, partition 7, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:39:00 INFO TaskSetManager: Finished task 8.0 in stage 244.0 (TID 841) in 14 ms on localhost (executor driver) (10/11)
19/02/20 20:39:00 INFO Executor: Running task 7.0 in stage 245.0 (TID 851)
19/02/20 20:39:00 INFO BlockManager: Found block rdd_454_0 locally
19/02/20 20:39:00 INFO Executor: Finished task 3.0 in stage 245.0 (TID 847). 962 bytes result sent to driver
19/02/20 20:39:00 INFO TaskSetManager: Starting task 8.0 in stage 245.0 (TID 852, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:39:00 INFO Executor: Running task 8.0 in stage 245.0 (TID 852)
19/02/20 20:39:00 INFO TaskSetManager: Finished task 3.0 in stage 245.0 (TID 847) in 7 ms on localhost (executor driver) (2/11)
19/02/20 20:39:00 INFO BlockManager: Found block rdd_470_0 locally
19/02/20 20:39:00 INFO Executor: Finished task 2.0 in stage 245.0 (TID 846). 962 bytes result sent to driver
19/02/20 20:39:00 INFO TaskSetManager: Starting task 9.0 in stage 245.0 (TID 853, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:39:00 INFO TaskSetManager: Finished task 2.0 in stage 245.0 (TID 846) in 11 ms on localhost (executor driver) (3/11)
19/02/20 20:39:00 INFO Executor: Running task 9.0 in stage 245.0 (TID 853)
19/02/20 20:39:00 INFO BlockManager: Found block rdd_507_0 locally
19/02/20 20:39:00 INFO Executor: Finished task 1.0 in stage 245.0 (TID 845). 962 bytes result sent to driver
19/02/20 20:39:00 INFO TaskSetManager: Starting task 10.0 in stage 245.0 (TID 854, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:39:00 INFO TaskSetManager: Finished task 1.0 in stage 245.0 (TID 845) in 14 ms on localhost (executor driver) (4/11)
19/02/20 20:39:00 INFO Executor: Running task 10.0 in stage 245.0 (TID 854)
19/02/20 20:39:00 INFO BlockManager: Found block rdd_524_0 locally
19/02/20 20:39:00 INFO Executor: Finished task 10.0 in stage 244.0 (TID 843). 1659 bytes result sent to driver
19/02/20 20:39:00 INFO TaskSetManager: Finished task 10.0 in stage 244.0 (TID 843) in 19 ms on localhost (executor driver) (11/11)
19/02/20 20:39:00 INFO TaskSchedulerImpl: Removed TaskSet 244.0, whose tasks have all completed, from pool
19/02/20 20:39:00 INFO BlockManager: Found block rdd_524_1 locally
19/02/20 20:39:00 INFO DAGScheduler: ShuffleMapStage 244 (filter at RelativeStrengthIndex.java:61) finished in 0.029 s
19/02/20 20:39:00 INFO Executor: Finished task 8.0 in stage 245.0 (TID 852). 919 bytes result sent to driver
19/02/20 20:39:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:39:00 INFO DAGScheduler: running: Set(ShuffleMapStage 245)
19/02/20 20:39:00 INFO DAGScheduler: waiting: Set(ResultStage 246)
19/02/20 20:39:00 INFO DAGScheduler: failed: Set()
19/02/20 20:39:00 INFO TaskSetManager: Finished task 8.0 in stage 245.0 (TID 852) in 6 ms on localhost (executor driver) (5/11)
19/02/20 20:39:00 INFO Executor: Finished task 7.0 in stage 245.0 (TID 851). 962 bytes result sent to driver
19/02/20 20:39:00 INFO TaskSetManager: Finished task 7.0 in stage 245.0 (TID 851) in 10 ms on localhost (executor driver) (6/11)
19/02/20 20:39:00 INFO Executor: Finished task 6.0 in stage 245.0 (TID 850). 833 bytes result sent to driver
19/02/20 20:39:00 INFO TaskSetManager: Finished task 6.0 in stage 245.0 (TID 850) in 11 ms on localhost (executor driver) (7/11)
19/02/20 20:39:00 INFO Executor: Finished task 5.0 in stage 245.0 (TID 849). 962 bytes result sent to driver
19/02/20 20:39:00 INFO TaskSetManager: Finished task 5.0 in stage 245.0 (TID 849) in 15 ms on localhost (executor driver) (8/11)
19/02/20 20:39:00 INFO Executor: Finished task 4.0 in stage 245.0 (TID 848). 962 bytes result sent to driver
19/02/20 20:39:00 INFO TaskSetManager: Finished task 4.0 in stage 245.0 (TID 848) in 17 ms on localhost (executor driver) (9/11)
19/02/20 20:39:00 INFO Executor: Finished task 10.0 in stage 245.0 (TID 854). 1048 bytes result sent to driver
19/02/20 20:39:00 INFO TaskSetManager: Finished task 10.0 in stage 245.0 (TID 854) in 10 ms on localhost (executor driver) (10/11)
19/02/20 20:39:00 INFO Executor: Finished task 9.0 in stage 245.0 (TID 853). 919 bytes result sent to driver
19/02/20 20:39:00 INFO TaskSetManager: Finished task 9.0 in stage 245.0 (TID 853) in 13 ms on localhost (executor driver) (11/11)
19/02/20 20:39:00 INFO TaskSchedulerImpl: Removed TaskSet 245.0, whose tasks have all completed, from pool
19/02/20 20:39:00 INFO DAGScheduler: ShuffleMapStage 245 (filter at RelativeStrengthIndex.java:54) finished in 0.034 s
19/02/20 20:39:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:39:00 INFO DAGScheduler: running: Set()
19/02/20 20:39:00 INFO DAGScheduler: waiting: Set(ResultStage 246)
19/02/20 20:39:00 INFO DAGScheduler: failed: Set()
19/02/20 20:39:00 INFO DAGScheduler: Submitting ResultStage 246 (MapPartitionsRDD[537] at saveAsTextFile at RelativeStrengthIndex.java:125), which has no missing parents

19/02/20 20:39:00 INFO MemoryStore: Block broadcast_167 stored as values in memory (estimated size 53.4 KB, free 2.2 GB)
19/02/20 20:39:00 INFO MemoryStore: Block broadcast_167_piece0 stored as bytes in memory (estimated size 19.3 KB, free 2.2 GB)
19/02/20 20:39:00 INFO BlockManagerInfo: Added broadcast_167_piece0 in memory on 192.168.56.1:56546 (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:39:00 INFO SparkContext: Created broadcast 167 from broadcast at DAGScheduler.scala:1006
19/02/20 20:39:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 246 (MapPartitionsRDD[537] at saveAsTextFile at RelativeStrengthIndex.java:125) (first 15 tasks are for partitions Vector(0))
19/02/20 20:39:00 INFO TaskSchedulerImpl: Adding task set 246.0 with 1 tasks
19/02/20 20:39:00 INFO TaskSetManager: Starting task 0.0 in stage 246.0 (TID 855, localhost, executor driver, partition 0, ANY, 5682 bytes)
19/02/20 20:39:00 INFO Executor: Running task 0.0 in stage 246.0 (TID 855)
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Getting 6 non-empty blocks out of 11 blocks
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Getting 9 non-empty blocks out of 11 blocks
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Getting 4 non-empty blocks

out of 11 blocks
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Getting 4 non-empty blocks out of 11 blocks
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:39:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:39:00 INFO FileOutputCommitter: Saved output of task 'attempt_20190220203900_0246_m_000000_855' to file:/C:/Users/Public/output/Analyses3_Rsi_1550675340060/_temporary/0/task_20190220203900_0246_m_000000
19/02/20 20:39:00 INFO SparkHadoopMapRedUtil: attempt_20190220203900_0246_m_000000_855: Committed
19/02/20 20:39:00 INFO Executor: Finished task 0.0 in stage 246.0 (TID 855). 1096 bytes result sent to driver
19/02/20 20:39:00 INFO TaskSetManager: Finished task 0.0 in stage 246.0 (TID 855) in 123 ms on localhost (executor driver) (1/1)
19/02/20 20:39:00 INFO TaskSchedulerImpl: Removed TaskSet 246.0, whose tasks have all completed, from pool
19/02/20 20:39:00 INFO DAGScheduler: ResultStage 246 (saveAsTextFile at RelativeStrengthIndex.java:125) finished in 0.124 s
19/02/20 20:39:00 INFO DAGScheduler: Job 67 finished: saveAsTextFile at RelativeStrengthIndex.java:125, took 0.174511 s
19/02/20 20:39:00 INFO JobScheduler: Finished job streaming job 1550675340000 ms.0 from job set of time 1550675340000 ms
19/02/20 20:39:00 INFO MapPartitionsRDD: Removing RDD 108 from persistence list
19/02/20 20:39:00 INFO JobScheduler: Total delay: 0.368 s for time 1550675340000 ms (execution: 0.308 s)
19/02/20 20:39:00 INFO BlockManager: Removing RDD 108
19/02/20 20:39:00 INFO FileInputDStream: Cleared 1 old files that were older than 1550674140000 ms: 1550674080000 ms
19/02/20 20:39:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674140000 ms:
19/02/20 20:39:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674140000 ms:
19/02/20 20:39:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674140000 ms:
19/02/20 20:39:00 INFO MapPartitionsRDD: Removing RDD 518 from persistence list
19/02/20 20:39:00 INFO MapPartitionsRDD: Removing RDD 517 from persistence list
19/02/20 20:39:00 INFO BlockManager: Removing RDD 518
19/02/20 20:39:00 INFO BlockManager: Removing RDD 517
19/02/20 20:39:00 INFO ShuffledRDD: Removing RDD 512 from persistence list
19/02/20 20:39:00 INFO BlockManager: Removing RDD 512
19/02/20 20:39:00 INFO MapPartitionsRDD: Removing RDD 511 from persistence list
19/02/20 20:39:00 INFO BlockManager: Removing RDD 511
19/02/20 20:39:00 INFO MapPartitionsRDD: Removing RDD 510 from persistence list
19/02/20 20:39:00 INFO BlockManager: Removing RDD 510
19/02/20 20:39:00 INFO MapPartitionsRDD: Removing RDD 509 from persistence list
19/02/20 20:39:00 INFO BlockManager: Removing RDD 509
19/02/20 20:39:00 INFO UnionRDD: Removing RDD 508 from persistence list
19/02/20 20:39:00 INFO BlockManager: Removing RDD 508
19/02/20 20:39:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674140000 ms:
19/02/20 20:39:00 INFO ShuffledRDD: Removing RDD 514 from persistence list
19/02/20 20:39:00 INFO BlockManager: Removing RDD 514
19/02/20 20:39:00 INFO MapPartitionsRDD: Removing RDD 513 from persistence list

19/02/20 20:39:00 INFO BlockManager: Removing RDD 513
19/02/20 20:39:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674140000 ms:
19/02/20 20:39:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674140000 ms:
19/02/20 20:39:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:39:00 INFO InputInfoTracker: remove old batch metadata: 1550674080000 ms
19/02/20 20:40:00 INFO MappedDStream: Time 1550675400000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1680000 ms
19/02/20 20:40:00 INFO FlatMappedDStream: Time 1550675400000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1680000 ms
19/02/20 20:40:00 INFO TransformedDStream: Time 1550675400000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1680000 ms
19/02/20 20:40:00 INFO MappedDStream: Slicing from 1550674860000 ms to 1550675400000 ms (aligned to 1550674860000 ms and 1550675400000 ms)
19/02/20 20:40:00 INFO FileInputDStream: Finding new files took 18 ms
19/02/20 20:40:00 INFO FileInputDStream: New files at time 1550675400000 ms: file:/C:/Users/Public/JSON/stocks_price_1550675389.3305583.json
19/02/20 20:40:00 INFO MemoryStore: Block broadcast_168 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:40:00 INFO MemoryStore: Block broadcast_168_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:40:00 INFO BlockManagerInfo: Added broadcast_168_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:40:00 INFO SparkContext: Created broadcast 168 from textFileStream at SparkAnalysesDriver.java:52
19/02/20 20:40:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:40:00 INFO TransformedDStream: Time 1550675400000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 1680000 ms
19/02/20 20:40:00 INFO JobScheduler: Added jobs for time 1550675400000 ms
19/02/20 20:40:00 INFO JobScheduler: Starting job streaming job 1550675400000 ms.0 from job set of time 1550675400000 ms
19/02/20 20:40:00 INFO SparkContext: Starting job: saveAsTextFile at RelativeStrengthIndex.java:125
19/02/20 20:40:00 INFO DAGScheduler: Registering RDD 544 (filter at RelativeStrengthIndex.java:54)
19/02/20 20:40:00 INFO DAGScheduler: Registering RDD 546 (filter at RelativeStrengthIndex.java:61)
19/02/20 20:40:00 INFO DAGScheduler: Got job 68 (saveAsTextFile at RelativeStrengthIndex.java:125) with 1 output partitions
19/02/20 20:40:00 INFO DAGScheduler: Final stage: ResultStage 249 (saveAsTextFile at RelativeStrengthIndex.java:125)
19/02/20 20:40:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 248, ShuffleMapStage 247)
19/02/20 20:40:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 248, ShuffleMapStage 247)
19/02/20 20:40:00 INFO DAGScheduler: Submitting ShuffleMapStage 247 (MapPartitionsRDD[544] at filter at RelativeStrengthIndex.java:54), which has no missing parents
19/02/20 20:40:00 INFO MemoryStore: Block broadcast_169 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:40:00 INFO MemoryStore: Block broadcast_169_piece0 stored as bytes in memory (estimated size 5.1 KB, free 2.2 GB)
19/02/20 20:40:00 INFO BlockManagerInfo: Added broadcast_169_piece0 in memory on 192.168.56.1:56546 (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:40:00 INFO SparkContext: Created broadcast 169 from broadcast at DAGScheduler.scala:1006
19/02/20 20:40:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 247 (MapPartitionsRDD[544] at filter at

RelativeStrengthIndex.java:54) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))

19/02/20 20:40:00 INFO TaskSchedulerImpl: Adding task set 247.0 with 11 tasks

19/02/20 20:40:00 INFO DAGScheduler: Submitting ShuffleMapStage 248 (MapPartitionsRDD[546] at filter at RelativeStrengthIndex.java:61), which has no missing parents

19/02/20 20:40:00 INFO TaskSetManager: Starting task 0.0 in stage 247.0 (TID 856, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:40:00 INFO TaskSetManager: Starting task 1.0 in stage 247.0 (TID 857, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:40:00 INFO TaskSetManager: Starting task 2.0 in stage 247.0 (TID 858, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:40:00 INFO TaskSetManager: Starting task 3.0 in stage 247.0 (TID 859, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:40:00 INFO TaskSetManager: Starting task 4.0 in stage 247.0 (TID 860, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:40:00 INFO TaskSetManager: Starting task 5.0 in stage 247.0 (TID 861, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:40:00 INFO TaskSetManager: Starting task 6.0 in stage 247.0 (TID 862, localhost, executor driver, partition 6, PROCESS_LOCAL, 5036 bytes)

19/02/20 20:40:00 INFO TaskSetManager: Starting task 7.0 in stage 247.0 (TID 863, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:40:00 INFO Executor: Running task 4.0 in stage 247.0 (TID 860)

19/02/20 20:40:00 INFO Executor: Running task 3.0 in stage 247.0 (TID 859)

19/02/20 20:40:00 INFO Executor: Running task 2.0 in stage 247.0 (TID 858)

19/02/20 20:40:00 INFO Executor: Running task 1.0 in stage 247.0 (TID 857)

19/02/20 20:40:00 INFO Executor: Running task 0.0 in stage 247.0 (TID 856)

19/02/20 20:40:00 INFO MemoryStore: Block broadcast_170 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)

19/02/20 20:40:00 INFO Executor: Running task 5.0 in stage 247.0 (TID 861)

19/02/20 20:40:00 INFO Executor: Running task 7.0 in stage 247.0 (TID 863)

19/02/20 20:40:00 INFO Executor: Running task 6.0 in stage 247.0 (TID 862)

19/02/20 20:40:00 INFO BlockManager: Found block rdd_454_0 locally

19/02/20 20:40:00 INFO BlockManager: Found block rdd_507_0 locally

19/02/20 20:40:00 INFO BlockManager: Found block rdd_470_0 locally

19/02/20 20:40:00 INFO MemoryStore: Block broadcast_170_piece0 stored as bytes in memory (estimated size 5.2 KB, free 2.2 GB)

19/02/20 20:40:00 INFO BlockManager: Found block rdd_361_0 locally

19/02/20 20:40:00 INFO BlockManagerInfo: Added broadcast_170_piece0 in memory on 192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)

19/02/20 20:40:00 INFO BlockManager: Found block rdd_345_0 locally

19/02/20 20:40:00 INFO BlockManager: Found block rdd_406_0 locally

19/02/20 20:40:00 INFO SparkContext: Created broadcast 170 from broadcast at DAGScheduler.scala:1006

19/02/20 20:40:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 248 (MapPartitionsRDD[546] at filter at RelativeStrengthIndex.java:61) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))

19/02/20 20:40:00 INFO TaskSchedulerImpl: Adding task set 248.0 with 11 tasks

19/02/20 20:40:00 INFO BlockManager: Found block rdd_438_0 locally

19/02/20 20:40:00 INFO BlockManager: Found block rdd_422_0 locally

19/02/20 20:40:00 INFO Executor: Finished task 7.0 in stage 247.0 (TID 863). 790 bytes result sent to driver

19/02/20 20:40:00 INFO TaskSetManager: Starting task 8.0 in stage 247.0 (TID 864, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:40:00 INFO Executor: Running task 8.0 in stage 247.0 (TID 864)

19/02/20 20:40:00 INFO TaskSetManager: Finished task 7.0 in stage 247.0 (TID 863) in 0 ms on localhost (executor driver) (1/11)

19/02/20 20:40:00 INFO Executor: Finished task 1.0 in stage 247.0 (TID 857). 876 bytes result sent to driver

19/02/20 20:40:00 INFO TaskSetManager: Starting task 9.0 in stage 247.0 (TID 865, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)

19/02/20 20:40:00 INFO TaskSetManager: Finished task 1.0 in stage 247.0 (TID 857) in 0 ms on localhost (executor driver) (2/11)

19/02/20 20:40:00 INFO Executor: Running task 9.0 in stage 247.0 (TID 865)
19/02/20 20:40:00 INFO BlockManager: Found block rdd_524_0 locally
19/02/20 20:40:00 INFO Executor: Finished task 5.0 in stage 247.0 (TID 861). 790 bytes result sent to driver
19/02/20 20:40:00 INFO TaskSetManager: Starting task 10.0 in stage 247.0 (TID 866, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:40:00 INFO TaskSetManager: Finished task 5.0 in stage 247.0 (TID 861) in 0 ms on localhost (executor driver) (3/11)
19/02/20 20:40:00 INFO Executor: Running task 10.0 in stage 247.0 (TID 866)
19/02/20 20:40:00 INFO BlockManager: Found block rdd_524_1 locally
19/02/20 20:40:00 INFO Executor: Finished task 3.0 in stage 247.0 (TID 859). 876 bytes result sent to driver
19/02/20 20:40:00 INFO NewHadoopRDD: Input split:
file:/C:/Users/Public/JSON/stocks_price_1550675389.3305583.json:0+681
19/02/20 20:40:00 INFO TaskSetManager: Starting task 0.0 in stage 248.0 (TID 867, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:40:00 INFO TaskSetManager: Finished task 3.0 in stage 247.0 (TID 859) in 0 ms on localhost (executor driver) (4/11)
19/02/20 20:40:00 INFO Executor: Running task 0.0 in stage 248.0 (TID 867)
19/02/20 20:40:00 INFO BlockManager: Found block rdd_345_0 locally
19/02/20 20:40:00 INFO Executor: Finished task 2.0 in stage 247.0 (TID 858). 962 bytes result sent to driver
19/02/20 20:40:00 INFO TaskSetManager: Starting task 1.0 in stage 248.0 (TID 868, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:40:00 INFO TaskSetManager: Finished task 2.0 in stage 247.0 (TID 858) in 16 ms on localhost (executor driver) (5/11)
19/02/20 20:40:00 INFO Executor: Running task 1.0 in stage 248.0 (TID 868)
19/02/20 20:40:00 INFO MemoryStore: Block rdd_540_0 stored as bytes in memory (estimated size 685.0 B, free 2.2 GB)
19/02/20 20:40:00 INFO BlockManagerInfo: Added rdd_540_0 in memory on 192.168.56.1:56546 (size: 685.0 B, free: 2.2 GB)
19/02/20 20:40:00 INFO Executor: Finished task 4.0 in stage 247.0 (TID 860). 919 bytes result sent to driver
19/02/20 20:40:00 INFO TaskSetManager: Starting task 2.0 in stage 248.0 (TID 869, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:40:00 INFO Executor: Running task 2.0 in stage 248.0 (TID 869)
19/02/20 20:40:00 INFO TaskSetManager: Finished task 4.0 in stage 247.0 (TID 860) in 16 ms on localhost (executor driver) (6/11)
19/02/20 20:40:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:40:00 INFO Executor: Finished task 0.0 in stage 247.0 (TID 856). 919 bytes result sent to driver
19/02/20 20:40:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:40:00 INFO TaskSetManager: Starting task 3.0 in stage 248.0 (TID 870, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:40:00 INFO TaskSetManager: Finished task 0.0 in stage 247.0 (TID 856) in 16 ms on localhost (executor driver) (7/11)
19/02/20 20:40:00 INFO Executor: Running task 3.0 in stage 248.0 (TID 870)
19/02/20 20:40:00 INFO Executor: Finished task 6.0 in stage 247.0 (TID 862). 919 bytes result sent to driver
19/02/20 20:40:00 INFO TaskSetManager: Starting task 4.0 in stage 248.0 (TID 871, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:40:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:40:00 INFO TaskSetManager: Finished task 6.0 in stage 247.0 (TID 862) in 16 ms on localhost (executor driver) (8/11)
19/02/20 20:40:00 INFO Executor: Running task 4.0 in stage 248.0 (TID 871)
19/02/20 20:40:00 INFO Executor: Finished task 10.0 in stage 247.0 (TID 866). 1659 bytes result sent to driver
19/02/20 20:40:00 INFO TaskSetManager: Starting task 5.0 in stage 248.0 (TID 872, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:40:00 INFO BlockManager: Found block rdd_438_0 locally
19/02/20 20:40:00 INFO TaskSetManager: Finished task 10.0 in stage 247.0 (TID 866) in 16 ms on localhost (executor driver) (9/11)
19/02/20 20:40:00 INFO Executor: Running task 5.0 in stage 248.0 (TID 872)
19/02/20 20:40:00 INFO Executor: Finished task 1.0 in stage 248.0 (TID 868). 790

bytes result sent to driver
19/02/20 20:40:00 INFO TaskSetManager: Starting task 6.0 in stage 248.0 (TID 873, localhost, executor driver, partition 6, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:40:00 INFO TaskSetManager: Finished task 1.0 in stage 248.0 (TID 868) in 0 ms on localhost (executor driver) (1/11)
19/02/20 20:40:00 INFO Executor: Running task 6.0 in stage 248.0 (TID 873)
19/02/20 20:40:00 INFO Executor: Finished task 0.0 in stage 248.0 (TID 867). 876 bytes result sent to driver
19/02/20 20:40:00 INFO BlockManager: Found block rdd_454_0 locally
19/02/20 20:40:00 INFO TaskSetManager: Starting task 7.0 in stage 248.0 (TID 874, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:40:00 INFO TaskSetManager: Finished task 0.0 in stage 248.0 (TID 867) in 16 ms on localhost (executor driver) (2/11)
19/02/20 20:40:00 INFO Executor: Running task 7.0 in stage 248.0 (TID 874)
19/02/20 20:40:00 INFO BlockManager: Found block rdd_470_0 locally
19/02/20 20:40:00 INFO Executor: Finished task 9.0 in stage 247.0 (TID 865). 962 bytes result sent to driver
19/02/20 20:40:00 INFO TaskSetManager: Starting task 8.0 in stage 248.0 (TID 875, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:40:00 INFO TaskSetManager: Finished task 9.0 in stage 247.0 (TID 865) in 16 ms on localhost (executor driver) (10/11)
19/02/20 20:40:00 INFO Executor: Running task 8.0 in stage 248.0 (TID 875)
19/02/20 20:40:00 INFO BlockManager: Found block rdd_507_0 locally
19/02/20 20:40:00 INFO Executor: Finished task 8.0 in stage 247.0 (TID 864). 833 bytes result sent to driver
19/02/20 20:40:00 INFO TaskSetManager: Starting task 9.0 in stage 248.0 (TID 876, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:40:00 INFO TaskSetManager: Finished task 8.0 in stage 247.0 (TID 864) in 16 ms on localhost (executor driver) (11/11)
19/02/20 20:40:00 INFO TaskSchedulerImpl: Removed TaskSet 247.0, whose tasks have all completed, from pool
19/02/20 20:40:00 INFO Executor: Running task 9.0 in stage 248.0 (TID 876)
19/02/20 20:40:00 INFO DAGScheduler: ShuffleMapStage 247 (filter at RelativeStrengthIndex.java:54) finished in 0.016 s
19/02/20 20:40:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:40:00 INFO DAGScheduler: running: Set(ShuffleMapStage 248)
19/02/20 20:40:00 INFO DAGScheduler: waiting: Set(ResultStage 249)
19/02/20 20:40:00 INFO DAGScheduler: failed: Set()
19/02/20 20:40:00 INFO BlockManager: Found block rdd_524_0 locally
19/02/20 20:40:00 INFO Executor: Finished task 4.0 in stage 248.0 (TID 871). 876 bytes result sent to driver
19/02/20 20:40:00 INFO TaskSetManager: Starting task 10.0 in stage 248.0 (TID 877, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:40:00 INFO TaskSetManager: Finished task 4.0 in stage 248.0 (TID 871) in 0 ms on localhost (executor driver) (3/11)
19/02/20 20:40:00 INFO Executor: Running task 10.0 in stage 248.0 (TID 877)
19/02/20 20:40:00 INFO BlockManager: Found block rdd_524_1 locally
19/02/20 20:40:00 INFO BlockManager: Found block rdd_540_0 locally
19/02/20 20:40:00 INFO Executor: Finished task 3.0 in stage 248.0 (TID 870). 962 bytes result sent to driver
19/02/20 20:40:00 INFO TaskSetManager: Finished task 3.0 in stage 248.0 (TID 870) in 16 ms on localhost (executor driver) (4/11)
19/02/20 20:40:00 INFO Executor: Finished task 2.0 in stage 248.0 (TID 869). 919 bytes result sent to driver
19/02/20 20:40:00 INFO TaskSetManager: Finished task 2.0 in stage 248.0 (TID 869) in 16 ms on localhost (executor driver) (5/11)
19/02/20 20:40:00 INFO Executor: Finished task 9.0 in stage 248.0 (TID 876). 962 bytes result sent to driver
19/02/20 20:40:00 INFO TaskSetManager: Finished task 9.0 in stage 248.0 (TID 876) in 16 ms on localhost (executor driver) (6/11)
19/02/20 20:40:00 INFO Executor: Finished task 8.0 in stage 248.0 (TID 875). 962 bytes result sent to driver
19/02/20 20:40:00 INFO TaskSetManager: Finished task 8.0 in stage 248.0 (TID 875) in 16 ms on localhost (executor driver) (7/11)

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19/02/20 20:40:00 INFO Executor: Finished task 6.0 in stage 248.0 (TID 873). 919
bytes result sent to driver
19/02/20 20:40:00 INFO TaskSetManager: Finished task 6.0 in stage 248.0 (TID
873) in 16 ms on localhost (executor driver) (8/11)
19/02/20 20:40:00 INFO Executor: Finished task 7.0 in stage 248.0 (TID 874). 919
bytes result sent to driver
19/02/20 20:40:00 INFO TaskSetManager: Finished task 7.0 in stage 248.0 (TID
874) in 16 ms on localhost (executor driver) (9/11)
19/02/20 20:40:00 INFO Executor: Finished task 5.0 in stage 248.0 (TID 872). 919
bytes result sent to driver
19/02/20 20:40:00 INFO TaskSetManager: Finished task 5.0 in stage 248.0 (TID
872) in 16 ms on localhost (executor driver) (10/11)
19/02/20 20:40:00 INFO Executor: Finished task 10.0 in stage 248.0 (TID 877).
962 bytes result sent to driver
19/02/20 20:40:00 INFO TaskSetManager: Finished task 10.0 in stage 248.0 (TID
877) in 16 ms on localhost (executor driver) (11/11)
19/02/20 20:40:00 INFO TaskSchedulerImpl: Removed TaskSet 248.0, whose tasks
have all completed, from pool
19/02/20 20:40:00 INFO DAGScheduler: ShuffleMapStage 248 (filter at
RelativeStrengthIndex.java:61) finished in 0.032 s
19/02/20 20:40:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:40:00 INFO DAGScheduler: running: Set()
19/02/20 20:40:00 INFO DAGScheduler: waiting: Set(ResultStage 249)
19/02/20 20:40:00 INFO DAGScheduler: failed: Set()
19/02/20 20:40:00 INFO DAGScheduler: Submitting ResultStage 249
(MapPartitionsRDD[553] at saveAsTextFile at RelativeStrengthIndex.java:125),
which has no missing parents
19/02/20 20:40:00 INFO MemoryStore: Block broadcast_171 stored as values in
memory (estimated size 53.4 KB, free 2.2 GB)
19/02/20 20:40:00 INFO MemoryStore: Block broadcast_171_piece0 stored as bytes
in memory (estimated size 19.3 KB, free 2.2 GB)
19/02/20 20:40:00 INFO BlockManagerInfo: Added broadcast_171_piece0 in memory on
192.168.56.1:56546 (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:40:00 INFO SparkContext: Created broadcast 171 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:40:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage
249 (MapPartitionsRDD[553] at saveAsTextFile at RelativeStrengthIndex.java:125)
(first 15 tasks are for partitions Vector(0))
19/02/20 20:40:00 INFO TaskSchedulerImpl: Adding task set 249.0 with 1 tasks
19/02/20 20:40:00 INFO TaskSetManager: Starting task 0.0 in stage 249.0 (TID
878, localhost, executor driver, partition 0, ANY, 5682 bytes)
19/02/20 20:40:00 INFO Executor: Running task 0.0 in stage 249.0 (TID 878)
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms

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19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Getting 5 non-empty blocks out of 11 blocks
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Getting 9 non-empty blocks out of 11 blocks
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Getting 5 non-empty blocks out of 11 blocks
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Getting 4 non-empty blocks out of 11 blocks
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:40:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:40:00 INFO FileOutputCommitter: Saved output of task 'attempt_20190220204000_0249_m_000000_878' to file:/C:/Users/Public/output/Analyses3_Rsi_1550675400053/_temporary/0/task_20190220204000_0249_m_000000
19/02/20 20:40:00 INFO SparkHadoopMapRedUtil: attempt_20190220204000_0249_m_000000_878: Committed
19/02/20 20:40:00 INFO Executor: Finished task 0.0 in stage 249.0 (TID 878). 1053 bytes result sent to driver
19/02/20 20:40:00 INFO TaskSetManager: Finished task 0.0 in stage 249.0 (TID 878) in 125 ms on localhost (executor driver) (1/1)
19/02/20 20:40:00 INFO TaskSchedulerImpl: Removed TaskSet 249.0, whose tasks have all completed, from pool
19/02/20 20:40:00 INFO DAGScheduler: ResultStage 249 (saveAsTextFile at RelativeStrengthIndex.java:125) finished in 0.125 s
19/02/20 20:40:00 INFO DAGScheduler: Job 68 finished: saveAsTextFile at RelativeStrengthIndex.java:125, took 0.176341 s
19/02/20 20:40:00 INFO JobScheduler: Finished job streaming job 1550675400000 ms.0 from job set of time 1550675400000 ms
19/02/20 20:40:00 INFO JobScheduler: Total delay: 0.334 s for time 1550675400000 ms (execution: 0.281 s)
19/02/20 20:40:00 INFO MapPartitionsRDD: Removing RDD 122 from persistence list
19/02/20 20:40:00 INFO BlockManager: Removing RDD 122

19/02/20 20:40:00 INFO FileInputDStream: Cleared 1 old files that were older than 1550674200000 ms: 1550674140000 ms
19/02/20 20:40:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674200000 ms:
19/02/20 20:40:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674200000 ms:
19/02/20 20:40:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674200000 ms:
19/02/20 20:40:00 INFO MapPartitionsRDD: Removing RDD 535 from persistence list
19/02/20 20:40:00 INFO BlockManager: Removing RDD 535
19/02/20 20:40:00 INFO MapPartitionsRDD: Removing RDD 534 from persistence list
19/02/20 20:40:00 INFO BlockManager: Removing RDD 534
19/02/20 20:40:00 INFO ShuffledRDD: Removing RDD 529 from persistence list
19/02/20 20:40:00 INFO BlockManager: Removing RDD 529
19/02/20 20:40:00 INFO MapPartitionsRDD: Removing RDD 528 from persistence list
19/02/20 20:40:00 INFO BlockManager: Removing RDD 528
19/02/20 20:40:00 INFO MapPartitionsRDD: Removing RDD 527 from persistence list
19/02/20 20:40:00 INFO BlockManager: Removing RDD 527
19/02/20 20:40:00 INFO MapPartitionsRDD: Removing RDD 526 from persistence list
19/02/20 20:40:00 INFO BlockManager: Removing RDD 526
19/02/20 20:40:00 INFO UnionRDD: Removing RDD 525 from persistence list
19/02/20 20:40:00 INFO BlockManager: Removing RDD 525
19/02/20 20:40:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674200000 ms:
19/02/20 20:40:00 INFO ShuffledRDD: Removing RDD 531 from persistence list
19/02/20 20:40:00 INFO BlockManager: Removing RDD 531
19/02/20 20:40:00 INFO MapPartitionsRDD: Removing RDD 530 from persistence list
19/02/20 20:40:00 INFO BlockManager: Removing RDD 530
19/02/20 20:40:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674200000 ms:
19/02/20 20:40:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674200000 ms:
19/02/20 20:40:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:40:00 INFO InputInfoTracker: remove old batch metadata:
1550674140000 ms
19/02/20 20:41:00 INFO MappedDStream: Time 1550675460000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1740000 ms
19/02/20 20:41:00 INFO FlatMappedDStream: Time 1550675460000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1740000 ms
19/02/20 20:41:00 INFO TransformedDStream: Time 1550675460000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 300000 ms and difference is 1740000 ms
19/02/20 20:41:00 INFO MappedDStream: Slicing from 1550674920000 ms to 1550675460000 ms (aligned to 1550674920000 ms and 1550675460000 ms)
19/02/20 20:41:00 INFO FileInputDStream: Finding new files took 21 ms
19/02/20 20:41:00 INFO FileInputDStream: New files at time 1550675460000 ms: file:/C:/Users/Public/JSON/stocks_price_1550675445.8783731.json
19/02/20 20:41:00 INFO MemoryStore: Block broadcast_172 stored as values in memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:41:00 INFO MemoryStore: Block broadcast_172_piece0 stored as bytes in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:41:00 INFO BlockManagerInfo: Added broadcast_172_piece0 in memory on 192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:41:00 INFO SparkContext: Created broadcast 172 from textFileStream at SparkAnalysesDriver.java:52
19/02/20 20:41:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:41:00 INFO TransformedDStream: Time 1550675460000 ms is invalid as zeroTime is 1550673720000 ms , slideDuration is 600000 ms and difference is 1740000 ms
19/02/20 20:41:00 INFO JobScheduler: Added jobs for time 1550675460000 ms
19/02/20 20:41:00 INFO JobScheduler: Starting job streaming job 1550675460000 ms.0 from job set of time 1550675460000 ms

19/02/20 20:41:00 INFO SparkContext: Starting job: saveAsTextFile at RelativeStrengthIndex.java:125
19/02/20 20:41:00 INFO DAGScheduler: Registering RDD 562 (filter at RelativeStrengthIndex.java:61)
19/02/20 20:41:00 INFO DAGScheduler: Registering RDD 560 (filter at RelativeStrengthIndex.java:54)
19/02/20 20:41:00 INFO DAGScheduler: Got job 69 (saveAsTextFile at RelativeStrengthIndex.java:125) with 1 output partitions
19/02/20 20:41:00 INFO DAGScheduler: Final stage: ResultStage 252 (saveAsTextFile at RelativeStrengthIndex.java:125)
19/02/20 20:41:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 251, ShuffleMapStage 250)
19/02/20 20:41:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 251, ShuffleMapStage 250)
19/02/20 20:41:00 INFO DAGScheduler: Submitting ShuffleMapStage 250 (MapPartitionsRDD[562] at filter at RelativeStrengthIndex.java:61), which has no missing parents
19/02/20 20:41:00 INFO MemoryStore: Block broadcast_173 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:41:00 INFO MemoryStore: Block broadcast_173_piece0 stored as bytes in memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:41:00 INFO BlockManagerInfo: Added broadcast_173_piece0 in memory on 192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:41:00 INFO SparkContext: Created broadcast 173 from broadcast at DAGScheduler.scala:1006
19/02/20 20:41:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 250 (MapPartitionsRDD[562] at filter at RelativeStrengthIndex.java:61) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:41:00 INFO TaskSchedulerImpl: Adding task set 250.0 with 11 tasks
19/02/20 20:41:00 INFO TaskSetManager: Starting task 0.0 in stage 250.0 (TID 879, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:41:00 INFO DAGScheduler: Submitting ShuffleMapStage 251 (MapPartitionsRDD[560] at filter at RelativeStrengthIndex.java:54), which has no missing parents
19/02/20 20:41:00 INFO TaskSetManager: Starting task 1.0 in stage 250.0 (TID 880, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:41:00 INFO TaskSetManager: Starting task 2.0 in stage 250.0 (TID 881, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:41:00 INFO TaskSetManager: Starting task 3.0 in stage 250.0 (TID 882, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:41:00 INFO TaskSetManager: Starting task 4.0 in stage 250.0 (TID 883, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:41:00 INFO TaskSetManager: Starting task 5.0 in stage 250.0 (TID 884, localhost, executor driver, partition 5, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:41:00 INFO TaskSetManager: Starting task 6.0 in stage 250.0 (TID 885, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:41:00 INFO TaskSetManager: Starting task 7.0 in stage 250.0 (TID 886, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:41:00 INFO Executor: Running task 0.0 in stage 250.0 (TID 879)
19/02/20 20:41:00 INFO Executor: Running task 3.0 in stage 250.0 (TID 882)
19/02/20 20:41:00 INFO Executor: Running task 1.0 in stage 250.0 (TID 880)
19/02/20 20:41:00 INFO Executor: Running task 5.0 in stage 250.0 (TID 884)
19/02/20 20:41:00 INFO Executor: Running task 2.0 in stage 250.0 (TID 881)
19/02/20 20:41:00 INFO MemoryStore: Block broadcast_174 stored as values in memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:41:00 INFO Executor: Running task 7.0 in stage 250.0 (TID 886)
19/02/20 20:41:00 INFO Executor: Running task 4.0 in stage 250.0 (TID 883)
19/02/20 20:41:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:41:00 INFO MemoryStore: Block broadcast_174_piece0 stored as bytes in memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:41:00 INFO BlockManager: Found block rdd_524_0 locally
19/02/20 20:41:00 INFO Executor: Running task 6.0 in stage 250.0 (TID 885)
19/02/20 20:41:00 INFO BlockManager: Found block rdd_454_0 locally

19/02/20 20:41:00 INFO BlockManagerInfo: Added broadcast_174_piece0 in memory on 192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:41:00 INFO SparkContext: Created broadcast 174 from broadcast at DAGScheduler.scala:1006
19/02/20 20:41:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 251 (MapPartitionsRDD[560] at filter at RelativeStrengthIndex.java:54) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:41:00 INFO TaskSchedulerImpl: Adding task set 251.0 with 11 tasks
19/02/20 20:41:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:41:00 INFO BlockManager: Found block rdd_507_0 locally
19/02/20 20:41:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:41:00 INFO BlockManager: Found block rdd_470_0 locally
19/02/20 20:41:00 INFO BlockManager: Found block rdd_438_0 locally
19/02/20 20:41:00 INFO Executor: Finished task 2.0 in stage 250.0 (TID 881). 919 bytes result sent to driver
19/02/20 20:41:00 INFO TaskSetManager: Starting task 8.0 in stage 250.0 (TID 887, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:41:00 INFO Executor: Running task 8.0 in stage 250.0 (TID 887)
19/02/20 20:41:00 INFO TaskSetManager: Finished task 2.0 in stage 250.0 (TID 881) in 7 ms on localhost (executor driver) (1/11)
19/02/20 20:41:00 INFO Executor: Finished task 0.0 in stage 250.0 (TID 879). 876 bytes result sent to driver
19/02/20 20:41:00 INFO TaskSetManager: Starting task 9.0 in stage 250.0 (TID 888, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:41:00 INFO TaskSetManager: Finished task 0.0 in stage 250.0 (TID 879) in 9 ms on localhost (executor driver) (2/11)
19/02/20 20:41:00 INFO Executor: Running task 9.0 in stage 250.0 (TID 888)
19/02/20 20:41:00 INFO BlockManager: Found block rdd_524_1 locally
19/02/20 20:41:00 INFO Executor: Finished task 7.0 in stage 250.0 (TID 886). 962 bytes result sent to driver
19/02/20 20:41:00 INFO TaskSetManager: Starting task 10.0 in stage 250.0 (TID 889, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:41:00 INFO TaskSetManager: Finished task 7.0 in stage 250.0 (TID 886) in 9 ms on localhost (executor driver) (3/11)
19/02/20 20:41:00 INFO Executor: Running task 10.0 in stage 250.0 (TID 889)
19/02/20 20:41:00 INFO BlockManager: Found block rdd_540_0 locally
19/02/20 20:41:00 INFO NewHadoopRDD: Input split: file:/C:/Users/Public/JSON/stocks_price_1550675445.8783731.json:0+681
19/02/20 20:41:00 INFO Executor: Finished task 5.0 in stage 250.0 (TID 884). 919 bytes result sent to driver
19/02/20 20:41:00 INFO TaskSetManager: Starting task 0.0 in stage 251.0 (TID 890, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:41:00 INFO TaskSetManager: Finished task 5.0 in stage 250.0 (TID 884) in 11 ms on localhost (executor driver) (4/11)
19/02/20 20:41:00 INFO Executor: Running task 0.0 in stage 251.0 (TID 890)
19/02/20 20:41:00 INFO Executor: Finished task 6.0 in stage 250.0 (TID 885). 1005 bytes result sent to driver
19/02/20 20:41:00 INFO BlockManager: Found block rdd_361_0 locally
19/02/20 20:41:00 INFO TaskSetManager: Starting task 1.0 in stage 251.0 (TID 891, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:41:00 INFO Executor: Running task 1.0 in stage 251.0 (TID 891)
19/02/20 20:41:00 INFO MemoryStore: Block rdd_556_0 stored as bytes in memory (estimated size 685.0 B, free 2.2 GB)
19/02/20 20:41:00 INFO TaskSetManager: Finished task 6.0 in stage 250.0 (TID 885) in 14 ms on localhost (executor driver) (5/11)
19/02/20 20:41:00 INFO BlockManagerInfo: Added rdd_556_0 in memory on 192.168.56.1:56546 (size: 685.0 B, free: 2.2 GB)
19/02/20 20:41:00 INFO Executor: Finished task 9.0 in stage 250.0 (TID 888). 1005 bytes result sent to driver
19/02/20 20:41:00 INFO TaskSetManager: Starting task 2.0 in stage 251.0 (TID 892, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:41:00 INFO TaskSetManager: Finished task 9.0 in stage 250.0 (TID 888) in 8 ms on localhost (executor driver) (6/11)

19/02/20 20:41:00 INFO Executor: Running task 2.0 in stage 251.0 (TID 892)
19/02/20 20:41:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:41:00 INFO Executor: Finished task 3.0 in stage 250.0 (TID 882). 919 bytes result sent to driver
19/02/20 20:41:00 INFO TaskSetManager: Starting task 3.0 in stage 251.0 (TID 893, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:41:00 INFO TaskSetManager: Finished task 3.0 in stage 250.0 (TID 882) in 17 ms on localhost (executor driver) (7/11)
19/02/20 20:41:00 INFO Executor: Running task 3.0 in stage 251.0 (TID 893)
19/02/20 20:41:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:41:00 INFO Executor: Finished task 1.0 in stage 250.0 (TID 880). 962 bytes result sent to driver
19/02/20 20:41:00 INFO BlockManager: Found block rdd_438_0 locally
19/02/20 20:41:00 INFO TaskSetManager: Starting task 4.0 in stage 251.0 (TID 894, localhost, executor driver, partition 4, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:41:00 INFO Executor: Running task 4.0 in stage 251.0 (TID 894)
19/02/20 20:41:00 INFO TaskSetManager: Finished task 1.0 in stage 250.0 (TID 880) in 19 ms on localhost (executor driver) (8/11)
19/02/20 20:41:00 INFO BlockManager: Found block rdd_454_0 locally
19/02/20 20:41:00 INFO Executor: Finished task 10.0 in stage 250.0 (TID 889). 1702 bytes result sent to driver
19/02/20 20:41:00 INFO TaskSetManager: Starting task 5.0 in stage 251.0 (TID 895, localhost, executor driver, partition 5, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:41:00 INFO TaskSetManager: Finished task 10.0 in stage 250.0 (TID 889) in 12 ms on localhost (executor driver) (9/11)
19/02/20 20:41:00 INFO Executor: Running task 5.0 in stage 251.0 (TID 895)
19/02/20 20:41:00 INFO Executor: Finished task 4.0 in stage 250.0 (TID 883). 962 bytes result sent to driver
19/02/20 20:41:00 INFO TaskSetManager: Starting task 6.0 in stage 251.0 (TID 896, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:41:00 INFO TaskSetManager: Finished task 4.0 in stage 250.0 (TID 883) in 22 ms on localhost (executor driver) (10/11)
19/02/20 20:41:00 INFO Executor: Running task 6.0 in stage 251.0 (TID 896)
19/02/20 20:41:00 INFO BlockManager: Found block rdd_470_0 locally
19/02/20 20:41:00 INFO Executor: Finished task 3.0 in stage 251.0 (TID 893). 962 bytes result sent to driver
19/02/20 20:41:00 INFO TaskSetManager: Starting task 7.0 in stage 251.0 (TID 897, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:41:00 INFO TaskSetManager: Finished task 3.0 in stage 251.0 (TID 893) in 8 ms on localhost (executor driver) (1/11)
19/02/20 20:41:00 INFO Executor: Running task 7.0 in stage 251.0 (TID 897)
19/02/20 20:41:00 INFO BlockManager: Found block rdd_507_0 locally
19/02/20 20:41:00 INFO Executor: Finished task 2.0 in stage 251.0 (TID 892). 919 bytes result sent to driver
19/02/20 20:41:00 INFO TaskSetManager: Starting task 8.0 in stage 251.0 (TID 898, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:41:00 INFO TaskSetManager: Finished task 2.0 in stage 251.0 (TID 892) in 10 ms on localhost (executor driver) (2/11)
19/02/20 20:41:00 INFO Executor: Running task 8.0 in stage 251.0 (TID 898)
19/02/20 20:41:00 INFO BlockManager: Found block rdd_524_0 locally
19/02/20 20:41:00 INFO Executor: Finished task 1.0 in stage 251.0 (TID 891). 919 bytes result sent to driver
19/02/20 20:41:00 INFO TaskSetManager: Starting task 9.0 in stage 251.0 (TID 899, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:41:00 INFO TaskSetManager: Finished task 1.0 in stage 251.0 (TID 891) in 14 ms on localhost (executor driver) (3/11)
19/02/20 20:41:00 INFO Executor: Running task 9.0 in stage 251.0 (TID 899)
19/02/20 20:41:00 INFO BlockManager: Found block rdd_524_1 locally
19/02/20 20:41:00 INFO Executor: Finished task 0.0 in stage 251.0 (TID 890). 1005 bytes result sent to driver
19/02/20 20:41:00 INFO BlockManager: Found block rdd_540_0 locally
19/02/20 20:41:00 INFO TaskSetManager: Starting task 10.0 in stage 251.0 (TID 900, localhost, executor driver, partition 10, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:41:00 INFO Executor: Running task 10.0 in stage 251.0 (TID 900)

19/02/20 20:41:00 INFO TaskSetManager: Finished task 0.0 in stage 251.0 (TID 890) in 18 ms on localhost (executor driver) (4/11)
19/02/20 20:41:00 INFO Executor: Finished task 8.0 in stage 250.0 (TID 887). 962 bytes result sent to driver
19/02/20 20:41:00 INFO TaskSetManager: Finished task 8.0 in stage 250.0 (TID 887) in 23 ms on localhost (executor driver) (11/11)
19/02/20 20:41:00 INFO TaskSchedulerImpl: Removed TaskSet 250.0, whose tasks have all completed, from pool
19/02/20 20:41:00 INFO DAGScheduler: ShuffleMapStage 250 (filter at RelativeStrengthIndex.java:61) finished in 0.031 s
19/02/20 20:41:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:41:00 INFO DAGScheduler: running: Set(ShuffleMapStage 251)
19/02/20 20:41:00 INFO DAGScheduler: waiting: Set(ResultStage 252)
19/02/20 20:41:00 INFO DAGScheduler: failed: Set()
19/02/20 20:41:00 INFO BlockManager: Found block rdd_556_0 locally
19/02/20 20:41:00 INFO Executor: Finished task 7.0 in stage 251.0 (TID 897). 919 bytes result sent to driver
19/02/20 20:41:00 INFO TaskSetManager: Finished task 7.0 in stage 251.0 (TID 897) in 8 ms on localhost (executor driver) (5/11)
19/02/20 20:41:00 INFO Executor: Finished task 6.0 in stage 251.0 (TID 896). 876 bytes result sent to driver
19/02/20 20:41:00 INFO TaskSetManager: Finished task 6.0 in stage 251.0 (TID 896) in 10 ms on localhost (executor driver) (6/11)
19/02/20 20:41:00 INFO Executor: Finished task 5.0 in stage 251.0 (TID 895). 919 bytes result sent to driver
19/02/20 20:41:00 INFO TaskSetManager: Finished task 5.0 in stage 251.0 (TID 895) in 13 ms on localhost (executor driver) (7/11)
19/02/20 20:41:00 INFO Executor: Finished task 4.0 in stage 251.0 (TID 894). 876 bytes result sent to driver
19/02/20 20:41:00 INFO TaskSetManager: Finished task 4.0 in stage 251.0 (TID 894) in 16 ms on localhost (executor driver) (8/11)
19/02/20 20:41:00 INFO Executor: Finished task 10.0 in stage 251.0 (TID 900). 962 bytes result sent to driver
19/02/20 20:41:00 INFO TaskSetManager: Finished task 10.0 in stage 251.0 (TID 900) in 7 ms on localhost (executor driver) (9/11)
19/02/20 20:41:00 INFO Executor: Finished task 9.0 in stage 251.0 (TID 899). 962 bytes result sent to driver
19/02/20 20:41:00 INFO TaskSetManager: Finished task 9.0 in stage 251.0 (TID 899) in 11 ms on localhost (executor driver) (10/11)
19/02/20 20:41:00 INFO Executor: Finished task 8.0 in stage 251.0 (TID 898). 1005 bytes result sent to driver
19/02/20 20:41:00 INFO TaskSetManager: Finished task 8.0 in stage 251.0 (TID 898) in 14 ms on localhost (executor driver) (11/11)
19/02/20 20:41:00 INFO TaskSchedulerImpl: Removed TaskSet 251.0, whose tasks have all completed, from pool
19/02/20 20:41:00 INFO DAGScheduler: ShuffleMapStage 251 (filter at RelativeStrengthIndex.java:54) finished in 0.036 s
19/02/20 20:41:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:41:00 INFO DAGScheduler: running: Set()
19/02/20 20:41:00 INFO DAGScheduler: waiting: Set(ResultStage 252)
19/02/20 20:41:00 INFO DAGScheduler: failed: Set()
19/02/20 20:41:00 INFO DAGScheduler: Submitting ResultStage 252 (MapPartitionsRDD[569] at saveAsTextFile at RelativeStrengthIndex.java:125), which has no missing parents
19/02/20 20:41:00 INFO MemoryStore: Block broadcast_175 stored as values in memory (estimated size 53.4 KB, free 2.2 GB)
19/02/20 20:41:00 INFO MemoryStore: Block broadcast_175_piece0 stored as bytes in memory (estimated size 19.3 KB, free 2.2 GB)
19/02/20 20:41:00 INFO BlockManagerInfo: Added broadcast_175_piece0 in memory on 192.168.56.1:56546 (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:41:00 INFO SparkContext: Created broadcast 175 from broadcast at DAGScheduler.scala:1006
19/02/20 20:41:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 252 (MapPartitionsRDD[569] at saveAsTextFile at RelativeStrengthIndex.java:125)

(first 15 tasks are for partitions Vector(0))

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19/02/20 20:41:00 INFO TaskSchedulerImpl: Adding task set 252.0 with 1 tasks
19/02/20 20:41:00 INFO TaskSetManager: Starting task 0.0 in stage 252.0 (TID
901, localhost, executor driver, partition 0, ANY, 5682 bytes)
19/02/20 20:41:00 INFO Executor: Running task 0.0 in stage 252.0 (TID 901)
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
1 ms
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
1 ms
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Getting 5 non-empty blocks
out of 11 blocks
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Getting 10 non-empty blocks
out of 11 blocks
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Getting 5 non-empty blocks
out of 11 blocks
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Getting 4 non-empty blocks
out of 11 blocks
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
```

0 ms
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:41:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:41:00 INFO FileOutputCommitter: Saved output of task 'attempt_20190220204100_0252_m_000000_901' to file:/C:/Users/Public/output/Analyses3_Rsi_1550675460058/_temporary/0/task_20190220204100_0252_m_000000
19/02/20 20:41:00 INFO SparkHadoopMapRedUtil: attempt_20190220204100_0252_m_000000_901: Committed
19/02/20 20:41:00 INFO Executor: Finished task 0.0 in stage 252.0 (TID 901). 1096 bytes result sent to driver
19/02/20 20:41:00 INFO TaskSetManager: Finished task 0.0 in stage 252.0 (TID 901) in 142 ms on localhost (executor driver) (1/1)
19/02/20 20:41:00 INFO TaskSchedulerImpl: Removed TaskSet 252.0, whose tasks have all completed, from pool
19/02/20 20:41:00 INFO DAGScheduler: ResultStage 252 (saveAsTextFile at RelativeStrengthIndex.java:125) finished in 0.142 s
19/02/20 20:41:00 INFO DAGScheduler: Job 69 finished: saveAsTextFile at RelativeStrengthIndex.java:125, took 0.197600 s
19/02/20 20:41:00 INFO JobScheduler: Finished job streaming job 1550675460000 ms.0 from job set of time 1550675460000 ms
19/02/20 20:41:00 INFO JobScheduler: Total delay: 0.375 s for time 1550675460000 ms (execution: 0.317 s)
19/02/20 20:41:00 INFO MapPartitionsRDD: Removing RDD 136 from persistence list
19/02/20 20:41:00 INFO BlockManager: Removing RDD 136
19/02/20 20:41:00 INFO FileInputDStream: Cleared 1 old files that were older than 1550674260000 ms: 1550674200000 ms
19/02/20 20:41:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674260000 ms:
19/02/20 20:41:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674260000 ms:
19/02/20 20:41:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674260000 ms:
19/02/20 20:41:00 INFO MapPartitionsRDD: Removing RDD 551 from persistence list
19/02/20 20:41:00 INFO MapPartitionsRDD: Removing RDD 550 from persistence list
19/02/20 20:41:00 INFO BlockManager: Removing RDD 550
19/02/20 20:41:00 INFO BlockManager: Removing RDD 551
19/02/20 20:41:00 INFO ShuffledRDD: Removing RDD 545 from persistence list
19/02/20 20:41:00 INFO BlockManager: Removing RDD 545
19/02/20 20:41:00 INFO MapPartitionsRDD: Removing RDD 544 from persistence list
19/02/20 20:41:00 INFO BlockManager: Removing RDD 544
19/02/20 20:41:00 INFO MapPartitionsRDD: Removing RDD 543 from persistence list
19/02/20 20:41:00 INFO BlockManager: Removing RDD 543
19/02/20 20:41:00 INFO MapPartitionsRDD: Removing RDD 542 from persistence list
19/02/20 20:41:00 INFO BlockManager: Removing RDD 542
19/02/20 20:41:00 INFO UnionRDD: Removing RDD 541 from persistence list
19/02/20 20:41:00 INFO BlockManager: Removing RDD 541
19/02/20 20:41:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674260000 ms:
19/02/20 20:41:00 INFO ShuffledRDD: Removing RDD 547 from persistence list
19/02/20 20:41:00 INFO BlockManager: Removing RDD 547
19/02/20 20:41:00 INFO MapPartitionsRDD: Removing RDD 546 from persistence list
19/02/20 20:41:00 INFO BlockManager: Removing RDD 546
19/02/20 20:41:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674260000 ms:
19/02/20 20:41:00 INFO FileInputDStream: Cleared 0 old files that were older than 1550674260000 ms:
19/02/20 20:41:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:41:00 INFO InputInfoTracker: remove old batch metadata: 1550674200000 ms
19/02/20 20:42:00 INFO MappedDStream: Slicing from 1550674980000 ms to 1550675520000 ms (aligned to 1550674980000 ms and 1550675520000 ms)

19/02/20 20:42:00 INFO FileInputDStream: Finding new files took 19 ms
19/02/20 20:42:00 INFO FileInputDStream: New files at time 1550675520000 ms:
file:/C:/Users/Public/JSON/stocks_price_1550675500.569216.json
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_176 stored as values in
memory (estimated size 130.9 KB, free 2.2 GB)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_176_piece0 stored as bytes
in memory (estimated size 15.1 KB, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_176_piece0 in memory on
192.168.56.1:56546 (size: 15.1 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO SparkContext: Created broadcast 176 from textFileStream
at SparkAnalysesDriver.java:52
19/02/20 20:42:00 INFO FileInputFormat: Total input paths to process : 1
19/02/20 20:42:00 INFO SparkContext: Starting job: sortByKey at
MaximumProfitStock.java:141
19/02/20 20:42:00 INFO DAGScheduler: Registering RDD 581 (mapToPair at
MaximumProfitStock.java:43)
19/02/20 20:42:00 INFO DAGScheduler: Registering RDD 583 (mapToPair at
MaximumProfitStock.java:94)
19/02/20 20:42:00 INFO DAGScheduler: Registering RDD 578 (mapToPair at
MaximumProfitStock.java:26)
19/02/20 20:42:00 INFO DAGScheduler: Registering RDD 580 (mapToPair at
MaximumProfitStock.java:75)
19/02/20 20:42:00 INFO DAGScheduler: Got job 70 (sortByKey at
MaximumProfitStock.java:141) with 8 output partitions
19/02/20 20:42:00 INFO DAGScheduler: Final stage: ResultStage 257 (sortByKey at
MaximumProfitStock.java:141)
19/02/20 20:42:00 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 256, ShuffleMapStage 254)
19/02/20 20:42:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 256,
ShuffleMapStage 254)
19/02/20 20:42:00 INFO DAGScheduler: Submitting ShuffleMapStage 253
(MapPartitionsRDD[581] at mapToPair at MaximumProfitStock.java:43), which has no
missing parents
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_177 stored as values in
memory (estimated size 10.0 KB, free 2.2 GB)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_177_piece0 stored as bytes
in memory (estimated size 4.8 KB, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_177_piece0 in memory on
192.168.56.1:56546 (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO SparkContext: Created broadcast 177 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:42:00 INFO DAGScheduler: Submitting 11 missing tasks from
ShuffleMapStage 253 (MapPartitionsRDD[581] at mapToPair at
MaximumProfitStock.java:43) (first 15 tasks are for partitions Vector(0, 1, 2,
3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 253.0 with 11 tasks
19/02/20 20:42:00 INFO DAGScheduler: Submitting ShuffleMapStage 255
(MapPartitionsRDD[578] at mapToPair at MaximumProfitStock.java:26), which has no
missing parents
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 253.0 (TID
902, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 1.0 in stage 253.0 (TID
903, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 2.0 in stage 253.0 (TID
904, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 3.0 in stage 253.0 (TID
905, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 4.0 in stage 253.0 (TID
906, localhost, executor driver, partition 4, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 5.0 in stage 253.0 (TID
907, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 6.0 in stage 253.0 (TID
908, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 7.0 in stage 253.0 (TID

909, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO Executor: Running task 3.0 in stage 253.0 (TID 905)
19/02/20 20:42:00 INFO Executor: Running task 1.0 in stage 253.0 (TID 903)
19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 253.0 (TID 902)
19/02/20 20:42:00 INFO Executor: Running task 4.0 in stage 253.0 (TID 906)
19/02/20 20:42:00 INFO Executor: Running task 2.0 in stage 253.0 (TID 904)
19/02/20 20:42:00 INFO Executor: Running task 7.0 in stage 253.0 (TID 909)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_178 stored as values in memory (estimated size 10.0 KB, free 2.2 GB)
19/02/20 20:42:00 INFO Executor: Running task 6.0 in stage 253.0 (TID 908)
19/02/20 20:42:00 INFO Executor: Running task 5.0 in stage 253.0 (TID 907)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_178_piece0 stored as bytes in memory (estimated size 4.8 KB, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_438_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_507_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_524_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_470_0 locally
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_178_piece0 in memory on 192.168.56.1:56546 (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_454_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_524_1 locally
19/02/20 20:42:00 INFO SparkContext: Created broadcast 178 from broadcast at DAGScheduler.scala:1006
19/02/20 20:42:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 255 (MapPartitionsRDD[578] at mapToPair at MaximumProfitStock.java:26) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 255.0 with 11 tasks
19/02/20 20:42:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 2.0 in stage 253.0 (TID 904). 876 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 8.0 in stage 253.0 (TID 910, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO Executor: Running task 8.0 in stage 253.0 (TID 910)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 2.0 in stage 253.0 (TID 904) in 16 ms on localhost (executor driver) (1/11)
19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 253.0 (TID 902). 876 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 9.0 in stage 253.0 (TID 911, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 253.0 (TID 902) in 16 ms on localhost (executor driver) (2/11)
19/02/20 20:42:00 INFO Executor: Running task 9.0 in stage 253.0 (TID 911)
19/02/20 20:42:00 INFO Executor: Finished task 6.0 in stage 253.0 (TID 908). 876 bytes result sent to driver
19/02/20 20:42:00 INFO BlockManager: Found block rdd_556_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_540_0 locally
19/02/20 20:42:00 INFO TaskSetManager: Starting task 10.0 in stage 253.0 (TID 912, localhost, executor driver, partition 10, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:42:00 INFO Executor: Running task 10.0 in stage 253.0 (TID 912)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 6.0 in stage 253.0 (TID 908) in 0 ms on localhost (executor driver) (3/11)
19/02/20 20:42:00 INFO NewHadoopRDD: Input split: file:/C:/Users/Public/JSON/stocks_price_1550675500.569216.json:0+681
19/02/20 20:42:00 INFO Executor: Finished task 3.0 in stage 253.0 (TID 905). 876 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 255.0 (TID 913, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 3.0 in stage 253.0 (TID 905) in 16 ms on localhost (executor driver) (4/11)
19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 255.0 (TID 913)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 7.0 in stage 253.0 (TID 909). 876

bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 1.0 in stage 255.0 (TID 914, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 7.0 in stage 253.0 (TID 909) in 0 ms on localhost (executor driver) (5/11)
19/02/20 20:42:00 INFO Executor: Running task 1.0 in stage 255.0 (TID 914)
19/02/20 20:42:00 INFO MemoryStore: Block rdd_572_0 stored as bytes in memory (estimated size 685.0 B, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Added rdd_572_0 in memory on 192.168.56.1:56546 (size: 685.0 B, free: 2.2 GB)
19/02/20 20:42:00 INFO Executor: Finished task 4.0 in stage 253.0 (TID 906). 876 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 2.0 in stage 255.0 (TID 915, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 4.0 in stage 253.0 (TID 906) in 16 ms on localhost (executor driver) (6/11)
19/02/20 20:42:00 INFO Executor: Running task 2.0 in stage 255.0 (TID 915)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 5.0 in stage 253.0 (TID 907). 876 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 3.0 in stage 255.0 (TID 916, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 5.0 in stage 253.0 (TID 907) in 16 ms on localhost (executor driver) (7/11)
19/02/20 20:42:00 INFO Executor: Running task 3.0 in stage 255.0 (TID 916)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_438_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 1.0 in stage 253.0 (TID 903). 962 bytes result sent to driver
19/02/20 20:42:00 INFO BlockManager: Found block rdd_454_0 locally
19/02/20 20:42:00 INFO TaskSetManager: Starting task 4.0 in stage 255.0 (TID 917, localhost, executor driver, partition 4, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 1.0 in stage 253.0 (TID 903) in 31 ms on localhost (executor driver) (8/11)
19/02/20 20:42:00 INFO Executor: Running task 4.0 in stage 255.0 (TID 917)
19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 255.0 (TID 913). 919 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 5.0 in stage 255.0 (TID 918, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 255.0 (TID 913) in 15 ms on localhost (executor driver) (1/11)
19/02/20 20:42:00 INFO Executor: Running task 5.0 in stage 255.0 (TID 918)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_470_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 9.0 in stage 253.0 (TID 911). 919 bytes result sent to driver
19/02/20 20:42:00 INFO BlockManager: Found block rdd_507_0 locally
19/02/20 20:42:00 INFO TaskSetManager: Starting task 6.0 in stage 255.0 (TID 919, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 9.0 in stage 253.0 (TID 911) in 15 ms on localhost (executor driver) (9/11)
19/02/20 20:42:00 INFO Executor: Running task 6.0 in stage 255.0 (TID 919)
19/02/20 20:42:00 INFO Executor: Finished task 8.0 in stage 253.0 (TID 910). 919 bytes result sent to driver
19/02/20 20:42:00 INFO BlockManager: Found block rdd_524_0 locally
19/02/20 20:42:00 INFO TaskSetManager: Starting task 7.0 in stage 255.0 (TID 920, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO Executor: Running task 7.0 in stage 255.0 (TID 920)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 8.0 in stage 253.0 (TID 910) in 15 ms on localhost (executor driver) (10/11)
19/02/20 20:42:00 INFO Executor: Finished task 3.0 in stage 255.0 (TID 916). 962 bytes result sent to driver
19/02/20 20:42:00 INFO BlockManager: Found block rdd_524_1 locally
19/02/20 20:42:00 INFO TaskSetManager: Starting task 8.0 in stage 255.0 (TID 921, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 3.0 in stage 255.0 (TID

916) in 15 ms on localhost (executor driver) (2/11)
19/02/20 20:42:00 INFO Executor: Running task 8.0 in stage 255.0 (TID 921)
19/02/20 20:42:00 INFO Executor: Finished task 2.0 in stage 255.0 (TID 915). 962 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 9.0 in stage 255.0 (TID 922, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 2.0 in stage 255.0 (TID 915) in 15 ms on localhost (executor driver) (3/11)
19/02/20 20:42:00 INFO Executor: Running task 9.0 in stage 255.0 (TID 922)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_540_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 1.0 in stage 255.0 (TID 914). 962 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 10.0 in stage 255.0 (TID 923, localhost, executor driver, partition 10, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:42:00 INFO Executor: Running task 10.0 in stage 255.0 (TID 923)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 1.0 in stage 255.0 (TID 914) in 15 ms on localhost (executor driver) (4/11)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_556_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 10.0 in stage 253.0 (TID 912). 1659 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 10.0 in stage 253.0 (TID 912) in 15 ms on localhost (executor driver) (11/11)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 253.0, whose tasks have all completed, from pool
19/02/20 20:42:00 INFO BlockManager: Found block rdd_572_0 locally
19/02/20 20:42:00 INFO DAGScheduler: ShuffleMapStage 253 (mapToPair at MaximumProfitStock.java:43) finished in 0.031 s
19/02/20 20:42:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:42:00 INFO DAGScheduler: running: Set(ShuffleMapStage 255)
19/02/20 20:42:00 INFO DAGScheduler: waiting: Set(ShuffleMapStage 256, ResultStage 257, ShuffleMapStage 254)
19/02/20 20:42:00 INFO DAGScheduler: failed: Set()
19/02/20 20:42:00 INFO DAGScheduler: Submitting ShuffleMapStage 254 (MapPartitionsRDD[583] at mapToPair at MaximumProfitStock.java:94), which has no missing parents
19/02/20 20:42:00 INFO Executor: Finished task 7.0 in stage 255.0 (TID 920). 962 bytes result sent to driver
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_179 stored as values in memory (estimated size 4.7 KB, free 2.2 GB)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 7.0 in stage 255.0 (TID 920) in 16 ms on localhost (executor driver) (5/11)
19/02/20 20:42:00 INFO Executor: Finished task 6.0 in stage 255.0 (TID 919). 962 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 6.0 in stage 255.0 (TID 919) in 16 ms on localhost (executor driver) (6/11)
19/02/20 20:42:00 INFO ContextCleaner: Cleaned shuffle 69
19/02/20 20:42:00 INFO Executor: Finished task 5.0 in stage 255.0 (TID 918). 962 bytes result sent to driver
19/02/20 20:42:00 INFO Executor: Finished task 4.0 in stage 255.0 (TID 917). 962 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 4.0 in stage 255.0 (TID 917) in 16 ms on localhost (executor driver) (7/11)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_179_piece0 stored as bytes in memory (estimated size 2.7 KB, free 2.2 GB)
19/02/20 20:42:00 INFO Executor: Finished task 9.0 in stage 255.0 (TID 922). 962 bytes result sent to driver
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_166_piece0 on 192.168.56.1:56546 in memory (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 5.0 in stage 255.0 (TID 918) in 16 ms on localhost (executor driver) (8/11)
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_179_piece0 in memory on 192.168.56.1:56546 (size: 2.7 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 9.0 in stage 255.0 (TID 922) in 16 ms on localhost (executor driver) (9/11)

19/02/20 20:42:00 INFO SparkContext: Created broadcast 179 from broadcast at DAGScheduler.scala:1006
19/02/20 20:42:00 INFO Executor: Finished task 8.0 in stage 255.0 (TID 921). 962 bytes result sent to driver
19/02/20 20:42:00 INFO DAGScheduler: Submitting 8 missing tasks from ShuffleMapStage 254 (MapPartitionsRDD[583] at mapToPair at MaximumProfitStock.java:94) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7))
19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 254.0 with 8 tasks
19/02/20 20:42:00 INFO TaskSetManager: Finished task 8.0 in stage 255.0 (TID 921) in 16 ms on localhost (executor driver) (10/11)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 254.0 (TID 924, localhost, executor driver, partition 0, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 1.0 in stage 254.0 (TID 925, localhost, executor driver, partition 1, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 2.0 in stage 254.0 (TID 926, localhost, executor driver, partition 2, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 3.0 in stage 254.0 (TID 927, localhost, executor driver, partition 3, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 5.0 in stage 254.0 (TID 928, localhost, executor driver, partition 5, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 7.0 in stage 254.0 (TID 929, localhost, executor driver, partition 7, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:42:00 INFO ContextCleaner: Cleaned shuffle 66
19/02/20 20:42:00 INFO ContextCleaner: Cleaned shuffle 68
19/02/20 20:42:00 INFO Executor: Finished task 10.0 in stage 255.0 (TID 923). 962 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 4.0 in stage 254.0 (TID 930, localhost, executor driver, partition 4, ANY, 4610 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 6.0 in stage 254.0 (TID 931, localhost, executor driver, partition 6, ANY, 4610 bytes)
19/02/20 20:42:00 INFO Executor: Running task 3.0 in stage 254.0 (TID 927)
19/02/20 20:42:00 INFO Executor: Running task 5.0 in stage 254.0 (TID 928)
19/02/20 20:42:00 INFO Executor: Running task 4.0 in stage 254.0 (TID 930)
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_162_piece0 on 192.168.56.1:56546 in memory (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 254.0 (TID 924)
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO Executor: Running task 7.0 in stage 254.0 (TID 929)
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO Executor: Running task 6.0 in stage 254.0 (TID 931)
19/02/20 20:42:00 INFO Executor: Running task 1.0 in stage 254.0 (TID 925)
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms

19/02/20 20:42:00 INFO TaskSetManager: Finished task 10.0 in stage 255.0 (TID 923) in 31 ms on localhost (executor driver) (11/11)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 255.0, whose tasks have all completed, from pool
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO Executor: Running task 2.0 in stage 254.0 (TID 926)
19/02/20 20:42:00 INFO DAGScheduler: ShuffleMapStage 255 (mapToPair at MaximumProfitStock.java:26) finished in 0.046 s
19/02/20 20:42:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:42:00 INFO DAGScheduler: running: Set(ShuffleMapStage 254)
19/02/20 20:42:00 INFO DAGScheduler: waiting: Set(ShuffleMapStage 256, ResultStage 257)
19/02/20 20:42:00 INFO DAGScheduler: failed: Set()
19/02/20 20:42:00 INFO DAGScheduler: Submitting ShuffleMapStage 256 (MapPartitionsRDD[580] at mapToPair at MaximumProfitStock.java:75), which has no missing parents
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_180 stored as values in memory (estimated size 4.7 KB, free 2.2 GB)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_180_piece0 stored as bytes in memory (estimated size 2.7 KB, free 2.2 GB)
19/02/20 20:42:00 INFO Executor: Finished task 3.0 in stage 254.0 (TID 927). 919 bytes result sent to driver
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_180_piece0 in memory on 192.168.56.1:56546 (size: 2.7 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 3.0 in stage 254.0 (TID 927) in 0 ms on localhost (executor driver) (1/8)
19/02/20 20:42:00 INFO SparkContext: Created broadcast 180 from broadcast at DAGScheduler.scala:1006
19/02/20 20:42:00 INFO DAGScheduler: Submitting 8 missing tasks from ShuffleMapStage 256 (MapPartitionsRDD[580] at mapToPair at MaximumProfitStock.java:75) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7))
19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 256.0 with 8 tasks
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 256.0 (TID 932, localhost, executor driver, partition 0, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 254.0 (TID 924). 919 bytes result sent to driver
19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 256.0 (TID 932)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 1.0 in stage 256.0 (TID 933, localhost, executor driver, partition 1, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:42:00 INFO Executor: Finished task 5.0 in stage 254.0 (TID 928). 919 bytes result sent to driver
19/02/20 20:42:00 INFO Executor: Running task 1.0 in stage 256.0 (TID 933)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 254.0 (TID 924) in 15 ms on localhost (executor driver) (2/8)
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO TaskSetManager: Starting task 2.0 in stage 256.0 (TID 934, localhost, executor driver, partition 2, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 5.0 in stage 254.0 (TID 928) in 0 ms on localhost (executor driver) (3/8)

19/02/20 20:42:00 INFO Executor: Running task 2.0 in stage 256.0 (TID 934)
19/02/20 20:42:00 INFO Executor: Finished task 2.0 in stage 254.0 (TID 926). 919
bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 3.0 in stage 256.0 (TID
935, localhost, executor driver, partition 3, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 2.0 in stage 254.0 (TID
926) in 16 ms on localhost (executor driver) (4/8)
19/02/20 20:42:00 INFO Executor: Running task 3.0 in stage 256.0 (TID 935)
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_175_piece0 on
192.168.56.1:56546 in memory (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:42:00 INFO ContextCleaner: Cleaned shuffle 64
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_174_piece0 on
192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO Executor: Finished task 1.0 in stage 254.0 (TID 925). 962
bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 5.0 in stage 256.0 (TID
936, localhost, executor driver, partition 5, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 1.0 in stage 254.0 (TID
925) in 16 ms on localhost (executor driver) (5/8)
19/02/20 20:42:00 INFO Executor: Running task 5.0 in stage 256.0 (TID 936)
19/02/20 20:42:00 INFO Executor: Finished task 3.0 in stage 256.0 (TID 935). 919
bytes result sent to driver
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:42:00 INFO TaskSetManager: Starting task 7.0 in stage 256.0 (TID
937, localhost, executor driver, partition 7, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:42:00 INFO Executor: Finished task 7.0 in stage 254.0 (TID 929). 962
bytes result sent to driver
19/02/20 20:42:00 INFO Executor: Running task 7.0 in stage 256.0 (TID 937)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 4.0 in stage 256.0 (TID
938, localhost, executor driver, partition 4, ANY, 4610 bytes)
19/02/20 20:42:00 INFO Executor: Running task 4.0 in stage 256.0 (TID 938)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 3.0 in stage 256.0 (TID
935) in 16 ms on localhost (executor driver) (1/8)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 7.0 in stage 254.0 (TID
929) in 16 ms on localhost (executor driver) (6/8)
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks
out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_161_piece0 on
192.168.56.1:56546 in memory (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_171_piece0 on
192.168.56.1:56546 in memory (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO ContextCleaner: Cleaned shuffle 70
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_170_piece0 on
192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO ContextCleaner: Cleaned shuffle 71
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_167_piece0 on
192.168.56.1:56546 in memory (size: 19.3 KB, free: 2.2 GB)

19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_169_piece0 on 192.168.56.1:56546 in memory (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO Executor: Finished task 6.0 in stage 254.0 (TID 931). 1091 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 6.0 in stage 256.0 (TID 939, localhost, executor driver, partition 6, ANY, 4610 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 6.0 in stage 254.0 (TID 931) in 32 ms on localhost (executor driver) (7/8)
19/02/20 20:42:00 INFO Executor: Running task 6.0 in stage 256.0 (TID 939)
19/02/20 20:42:00 INFO Executor: Finished task 2.0 in stage 256.0 (TID 934). 1005 bytes result sent to driver
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_173_piece0 on 192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 2.0 in stage 256.0 (TID 934) in 32 ms on localhost (executor driver) (2/8)
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ContextCleaner: Cleaned shuffle 67
19/02/20 20:42:00 INFO ContextCleaner: Cleaned shuffle 65
19/02/20 20:42:00 INFO Executor: Finished task 1.0 in stage 256.0 (TID 933). 1005 bytes result sent to driver
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_165_piece0 on 192.168.56.1:56546 in memory (size: 5.1 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 1.0 in stage 256.0 (TID 933) in 32 ms on localhost (executor driver) (3/8)
19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 256.0 (TID 932). 1005 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 256.0 (TID 932) in 32 ms on localhost (executor driver) (4/8)
19/02/20 20:42:00 INFO Executor: Finished task 7.0 in stage 256.0 (TID 937). 962 bytes result sent to driver
19/02/20 20:42:00 INFO Executor: Finished task 4.0 in stage 254.0 (TID 930). 1091 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 4.0 in stage 254.0 (TID 930) in 32 ms on localhost (executor driver) (8/8)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 254.0, whose tasks have all completed, from pool
19/02/20 20:42:00 INFO TaskSetManager: Finished task 7.0 in stage 256.0 (TID 937) in 16 ms on localhost (executor driver) (5/8)
19/02/20 20:42:00 INFO DAGScheduler: ShuffleMapStage 254 (mapToPair at MaximumProfitStock.java:94) finished in 0.047 s
19/02/20 20:42:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:42:00 INFO DAGScheduler: running: Set(ShuffleMapStage 256)
19/02/20 20:42:00 INFO DAGScheduler: waiting: Set(ResultStage 257)
19/02/20 20:42:00 INFO DAGScheduler: failed: Set()
19/02/20 20:42:00 INFO Executor: Finished task 5.0 in stage 256.0 (TID 936). 962 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 5.0 in stage 256.0 (TID 936) in 16 ms on localhost (executor driver) (6/8)
19/02/20 20:42:00 INFO Executor: Finished task 4.0 in stage 256.0 (TID 938). 1134 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 4.0 in stage 256.0 (TID 938) in 16 ms on localhost (executor driver) (7/8)
19/02/20 20:42:00 INFO Executor: Finished task 6.0 in stage 256.0 (TID 939). 1134 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 6.0 in stage 256.0 (TID 939) in 31 ms on localhost (executor driver) (8/8)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 256.0, whose tasks have all completed, from pool
19/02/20 20:42:00 INFO DAGScheduler: ShuffleMapStage 256 (mapToPair at MaximumProfitStock.java:75) finished in 0.047 s
19/02/20 20:42:00 INFO DAGScheduler: looking for newly runnable stages

19/02/20 20:42:00 INFO DAGScheduler: running: Set()
19/02/20 20:42:00 INFO DAGScheduler: waiting: Set(ResultStage 257)
19/02/20 20:42:00 INFO DAGScheduler: failed: Set()
19/02/20 20:42:00 INFO DAGScheduler: Submitting ResultStage 257
(MapPartitionsRDD[590] at sortByKey at MaximumProfitStock.java:141), which has
no missing parents
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_181 stored as values in
memory (estimated size 5.6 KB, free 2.2 GB)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_181_piece0 stored as bytes
in memory (estimated size 3.0 KB, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_181_piece0 in memory on
192.168.56.1:56546 (size: 3.0 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO SparkContext: Created broadcast 181 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:42:00 INFO DAGScheduler: Submitting 8 missing tasks from ResultStage
257 (MapPartitionsRDD[590] at sortByKey at MaximumProfitStock.java:141) (first
15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7))
19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 257.0 with 8 tasks
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 257.0 (TID
940, localhost, executor driver, partition 0, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 1.0 in stage 257.0 (TID
941, localhost, executor driver, partition 1, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 2.0 in stage 257.0 (TID
942, localhost, executor driver, partition 2, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 3.0 in stage 257.0 (TID
943, localhost, executor driver, partition 3, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 4.0 in stage 257.0 (TID
944, localhost, executor driver, partition 4, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 5.0 in stage 257.0 (TID
945, localhost, executor driver, partition 5, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 6.0 in stage 257.0 (TID
946, localhost, executor driver, partition 6, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 7.0 in stage 257.0 (TID
947, localhost, executor driver, partition 7, PROCESS_LOCAL, 4684 bytes)
19/02/20 20:42:00 INFO Executor: Running task 1.0 in stage 257.0 (TID 941)
19/02/20 20:42:00 INFO Executor: Running task 6.0 in stage 257.0 (TID 946)
19/02/20 20:42:00 INFO Executor: Running task 5.0 in stage 257.0 (TID 945)
19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 257.0 (TID 940)
19/02/20 20:42:00 INFO Executor: Running task 2.0 in stage 257.0 (TID 942)
19/02/20 20:42:00 INFO Executor: Running task 4.0 in stage 257.0 (TID 944)
19/02/20 20:42:00 INFO Executor: Running task 3.0 in stage 257.0 (TID 943)
19/02/20 20:42:00 INFO Executor: Running task 7.0 in stage 257.0 (TID 947)
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks

19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO Executor: Finished task 5.0 in stage 257.0 (TID 945). 997 bytes result sent to driver
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 2 ms
19/02/20 20:42:00 INFO Executor: Finished task 1.0 in stage 257.0 (TID 941). 997 bytes result sent to driver
19/02/20 20:42:00 INFO Executor: Finished task 6.0 in stage 257.0 (TID 946). 1006 bytes result sent to driver
19/02/20 20:42:00 INFO Executor: Finished task 7.0 in stage 257.0 (TID 947). 954 bytes result sent to driver
19/02/20 20:42:00 INFO Executor: Finished task 3.0 in stage 257.0 (TID 943). 954 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 5.0 in stage 257.0 (TID 945) in 5 ms on localhost (executor driver) (1/8)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 6.0 in stage 257.0 (TID 946) in 5 ms on localhost (executor driver) (2/8)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 3.0 in stage 257.0 (TID 943) in 5 ms on localhost (executor driver) (3/8)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 1.0 in stage 257.0 (TID 941) in 6 ms on localhost (executor driver) (4/8)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 7.0 in stage 257.0 (TID 947) in 5 ms on localhost (executor driver) (5/8)
19/02/20 20:42:00 INFO Executor: Finished task 4.0 in stage 257.0 (TID 944). 1024 bytes result sent to driver

19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 257.0 (TID 940). 997 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 4.0 in stage 257.0 (TID 944) in 6 ms on localhost (executor driver) (6/8)
19/02/20 20:42:00 INFO Executor: Finished task 2.0 in stage 257.0 (TID 942). 997 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 257.0 (TID 940) in 7 ms on localhost (executor driver) (7/8)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 2.0 in stage 257.0 (TID 942) in 8 ms on localhost (executor driver) (8/8)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 257.0, whose tasks have all completed, from pool
19/02/20 20:42:00 INFO DAGScheduler: ResultStage 257 (sortByKey at MaximumProfitStock.java:141) finished in 0.008 s
19/02/20 20:42:00 INFO DAGScheduler: Job 70 finished: sortByKey at MaximumProfitStock.java:141, took 0.111934 s
19/02/20 20:42:00 INFO MappedDStream: Slicing from 1550674980000 ms to 1550675520000 ms (aligned to 1550674980000 ms and 1550675520000 ms)
19/02/20 20:42:00 INFO MappedDStream: Slicing from 1550674980000 ms to 1550675520000 ms (aligned to 1550674980000 ms and 1550675520000 ms)
19/02/20 20:42:00 INFO SparkContext: Starting job: sortByKey at TradingVolume.java:63
19/02/20 20:42:00 INFO DAGScheduler: Registering RDD 605 (mapToPair at TradingVolume.java:28)
19/02/20 20:42:00 INFO DAGScheduler: Got job 71 (sortByKey at TradingVolume.java:63) with 8 output partitions
19/02/20 20:42:00 INFO DAGScheduler: Final stage: ResultStage 259 (sortByKey at TradingVolume.java:63)
19/02/20 20:42:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 258)
19/02/20 20:42:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 258)
19/02/20 20:42:00 INFO DAGScheduler: Submitting ShuffleMapStage 258 (MapPartitionsRDD[605] at mapToPair at TradingVolume.java:28), which has no missing parents
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_182 stored as values in memory (estimated size 10.0 KB, free 2.2 GB)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_182_piece0 stored as bytes in memory (estimated size 4.8 KB, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_182_piece0 in memory on 192.168.56.1:56546 (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO SparkContext: Created broadcast 182 from broadcast at DAGScheduler.scala:1006
19/02/20 20:42:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 258 (MapPartitionsRDD[605] at mapToPair at TradingVolume.java:28) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 258.0 with 11 tasks
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 258.0 (TID 948, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 1.0 in stage 258.0 (TID 949, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 2.0 in stage 258.0 (TID 950, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 3.0 in stage 258.0 (TID 951, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 4.0 in stage 258.0 (TID 952, localhost, executor driver, partition 4, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 5.0 in stage 258.0 (TID 953, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 6.0 in stage 258.0 (TID 954, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 7.0 in stage 258.0 (TID 955, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO Executor: Running task 1.0 in stage 258.0 (TID 949)

19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 258.0 (TID 948)
19/02/20 20:42:00 INFO Executor: Running task 3.0 in stage 258.0 (TID 951)
19/02/20 20:42:00 INFO Executor: Running task 4.0 in stage 258.0 (TID 952)
19/02/20 20:42:00 INFO Executor: Running task 2.0 in stage 258.0 (TID 950)
19/02/20 20:42:00 INFO Executor: Running task 6.0 in stage 258.0 (TID 954)
19/02/20 20:42:00 INFO Executor: Running task 7.0 in stage 258.0 (TID 955)
19/02/20 20:42:00 INFO Executor: Running task 5.0 in stage 258.0 (TID 953)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_454_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_524_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_507_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_524_1 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_470_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_438_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 3.0 in stage 258.0 (TID 951).
1005 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 8.0 in stage 258.0 (TID 956, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 3.0 in stage 258.0 (TID 951) in 8 ms on localhost (executor driver) (1/11)
19/02/20 20:42:00 INFO Executor: Running task 8.0 in stage 258.0 (TID 956)
19/02/20 20:42:00 INFO Executor: Finished task 7.0 in stage 258.0 (TID 955).
1005 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 9.0 in stage 258.0 (TID 957, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 7.0 in stage 258.0 (TID 955) in 9 ms on localhost (executor driver) (2/11)
19/02/20 20:42:00 INFO Executor: Running task 9.0 in stage 258.0 (TID 957)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_540_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 2.0 in stage 258.0 (TID 950). 962
bytes result sent to driver
19/02/20 20:42:00 INFO BlockManager: Found block rdd_556_0 locally
19/02/20 20:42:00 INFO TaskSetManager: Starting task 10.0 in stage 258.0 (TID 958, localhost, executor driver, partition 10, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 2.0 in stage 258.0 (TID 950) in 11 ms on localhost (executor driver) (3/11)
19/02/20 20:42:00 INFO Executor: Running task 10.0 in stage 258.0 (TID 958)
19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 258.0 (TID 948).
1005 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 258.0 (TID 948) in 13 ms on localhost (executor driver) (4/11)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_572_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 4.0 in stage 258.0 (TID 952). 962
bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 4.0 in stage 258.0 (TID 952) in 14 ms on localhost (executor driver) (5/11)
19/02/20 20:42:00 INFO Executor: Finished task 5.0 in stage 258.0 (TID 953).
1005 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 5.0 in stage 258.0 (TID 953) in 16 ms on localhost (executor driver) (6/11)
19/02/20 20:42:00 INFO Executor: Finished task 6.0 in stage 258.0 (TID 954).
1005 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 6.0 in stage 258.0 (TID 954) in 17 ms on localhost (executor driver) (7/11)
19/02/20 20:42:00 INFO Executor: Finished task 10.0 in stage 258.0 (TID 958).
1005 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 10.0 in stage 258.0 (TID 958) in 7 ms on localhost (executor driver) (8/11)
19/02/20 20:42:00 INFO Executor: Finished task 9.0 in stage 258.0 (TID 957). 962
bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 9.0 in stage 258.0 (TID 957) in 10 ms on localhost (executor driver) (9/11)
19/02/20 20:42:00 INFO Executor: Finished task 8.0 in stage 258.0 (TID 956). 919

bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 8.0 in stage 258.0 (TID 956) in 12 ms on localhost (executor driver) (10/11)
19/02/20 20:42:00 INFO Executor: Finished task 1.0 in stage 258.0 (TID 949). 962 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 1.0 in stage 258.0 (TID 949) in 21 ms on localhost (executor driver) (11/11)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 258.0, whose tasks have all completed, from pool
19/02/20 20:42:00 INFO DAGScheduler: ShuffleMapStage 258 (mapToPair at TradingVolume.java:28) finished in 0.021 s
19/02/20 20:42:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:42:00 INFO DAGScheduler: running: Set()
19/02/20 20:42:00 INFO DAGScheduler: waiting: Set(ResultStage 259)
19/02/20 20:42:00 INFO DAGScheduler: failed: Set()
19/02/20 20:42:00 INFO DAGScheduler: Submitting ResultStage 259 (MapPartitionsRDD[609] at sortByKey at TradingVolume.java:63), which has no missing parents
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_183 stored as values in memory (estimated size 5.3 KB, free 2.2 GB)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_183_piece0 stored as bytes in memory (estimated size 3.0 KB, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_183_piece0 in memory on 192.168.56.1:56546 (size: 3.0 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO SparkContext: Created broadcast 183 from broadcast at DAGScheduler.scala:1006
19/02/20 20:42:00 INFO DAGScheduler: Submitting 8 missing tasks from ResultStage 259 (MapPartitionsRDD[609] at sortByKey at TradingVolume.java:63) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7))
19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 259.0 with 8 tasks
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 259.0 (TID 959, localhost, executor driver, partition 0, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 1.0 in stage 259.0 (TID 960, localhost, executor driver, partition 1, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 2.0 in stage 259.0 (TID 961, localhost, executor driver, partition 2, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 3.0 in stage 259.0 (TID 962, localhost, executor driver, partition 3, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 5.0 in stage 259.0 (TID 963, localhost, executor driver, partition 5, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 7.0 in stage 259.0 (TID 964, localhost, executor driver, partition 7, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 4.0 in stage 259.0 (TID 965, localhost, executor driver, partition 4, ANY, 4621 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 6.0 in stage 259.0 (TID 966, localhost, executor driver, partition 6, ANY, 4621 bytes)
19/02/20 20:42:00 INFO Executor: Running task 2.0 in stage 259.0 (TID 961)
19/02/20 20:42:00 INFO Executor: Running task 3.0 in stage 259.0 (TID 962)
19/02/20 20:42:00 INFO Executor: Running task 6.0 in stage 259.0 (TID 966)
19/02/20 20:42:00 INFO Executor: Running task 4.0 in stage 259.0 (TID 965)
19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 259.0 (TID 959)
19/02/20 20:42:00 INFO Executor: Running task 1.0 in stage 259.0 (TID 960)
19/02/20 20:42:00 INFO Executor: Running task 5.0 in stage 259.0 (TID 963)
19/02/20 20:42:00 INFO Executor: Running task 7.0 in stage 259.0 (TID 964)
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks

19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:42:00 INFO Executor: Finished task 3.0 in stage 259.0 (TID 962). 997 bytes result sent to driver
19/02/20 20:42:00 INFO Executor: Finished task 7.0 in stage 259.0 (TID 964). 954 bytes result sent to driver
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 2 ms
19/02/20 20:42:00 INFO Executor: Finished task 2.0 in stage 259.0 (TID 961). 997 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 3.0 in stage 259.0 (TID 962) in 5 ms on localhost (executor driver) (1/8)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 7.0 in stage 259.0 (TID 964) in 4 ms on localhost (executor driver) (2/8)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 2.0 in stage 259.0 (TID 961) in 5 ms on localhost (executor driver) (3/8)
19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 259.0 (TID 959). 997 bytes result sent to driver
19/02/20 20:42:00 INFO Executor: Finished task 1.0 in stage 259.0 (TID 960). 997 bytes result sent to driver
19/02/20 20:42:00 INFO Executor: Finished task 5.0 in stage 259.0 (TID 963). 997 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 259.0 (TID 959) in 5 ms on localhost (executor driver) (4/8)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 1.0 in stage 259.0 (TID 960) in 5 ms on localhost (executor driver) (5/8)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 5.0 in stage 259.0 (TID 963) in 6 ms on localhost (executor driver) (6/8)
19/02/20 20:42:00 INFO Executor: Finished task 6.0 in stage 259.0 (TID 966). 1006 bytes result sent to driver
19/02/20 20:42:00 INFO Executor: Finished task 4.0 in stage 259.0 (TID 965). 1024 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 6.0 in stage 259.0 (TID 966) in 5 ms on localhost (executor driver) (7/8)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 4.0 in stage 259.0 (TID 965) in 5 ms on localhost (executor driver) (8/8)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 259.0, whose tasks have all completed, from pool
19/02/20 20:42:00 INFO DAGScheduler: ResultStage 259 (sortByKey at TradingVolume.java:63) finished in 0.006 s
19/02/20 20:42:00 INFO DAGScheduler: Job 71 finished: sortByKey at TradingVolume.java:63, took 0.037412 s
19/02/20 20:42:00 INFO JobScheduler: Added jobs for time 1550675520000 ms
19/02/20 20:42:00 INFO JobScheduler: Starting job streaming job 1550675520000 ms.0 from job set of time 1550675520000 ms
19/02/20 20:42:00 INFO SparkContext: Starting job: saveAsTextFile at

SimpleMovingAvgClosingPrice.java:59
19/02/20 20:42:00 INFO DAGScheduler: Registering RDD 575 (mapToPair at SimpleMovingAvgClosingPrice.java:30)
19/02/20 20:42:00 INFO DAGScheduler: Got job 72 (saveAsTextFile at SimpleMovingAvgClosingPrice.java:59) with 1 output partitions
19/02/20 20:42:00 INFO DAGScheduler: Final stage: ResultStage 261 (saveAsTextFile at SimpleMovingAvgClosingPrice.java:59)
19/02/20 20:42:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 260)
19/02/20 20:42:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 260)
19/02/20 20:42:00 INFO DAGScheduler: Submitting ShuffleMapStage 260 (MapPartitionsRDD[575] at mapToPair at SimpleMovingAvgClosingPrice.java:30), which has no missing parents
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_184 stored as values in memory (estimated size 10.0 KB, free 2.2 GB)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_184_piece0 stored as bytes in memory (estimated size 4.8 KB, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_184_piece0 in memory on 192.168.56.1:56546 (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO SparkContext: Created broadcast 184 from broadcast at DAGScheduler.scala:1006
19/02/20 20:42:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 260 (MapPartitionsRDD[575] at mapToPair at SimpleMovingAvgClosingPrice.java:30) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 260.0 with 11 tasks
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 260.0 (TID 967, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 1.0 in stage 260.0 (TID 968, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 2.0 in stage 260.0 (TID 969, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 3.0 in stage 260.0 (TID 970, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 4.0 in stage 260.0 (TID 971, localhost, executor driver, partition 4, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 5.0 in stage 260.0 (TID 972, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 6.0 in stage 260.0 (TID 973, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 7.0 in stage 260.0 (TID 974, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO Executor: Running task 6.0 in stage 260.0 (TID 973)
19/02/20 20:42:00 INFO Executor: Running task 1.0 in stage 260.0 (TID 968)
19/02/20 20:42:00 INFO Executor: Running task 2.0 in stage 260.0 (TID 969)
19/02/20 20:42:00 INFO Executor: Running task 4.0 in stage 260.0 (TID 971)
19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 260.0 (TID 967)
19/02/20 20:42:00 INFO Executor: Running task 3.0 in stage 260.0 (TID 970)
19/02/20 20:42:00 INFO Executor: Running task 7.0 in stage 260.0 (TID 974)
19/02/20 20:42:00 INFO Executor: Running task 5.0 in stage 260.0 (TID 972)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_454_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_507_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_524_1 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_470_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_524_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_438_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 5.0 in stage 260.0 (TID 972). 876 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 8.0 in stage 260.0 (TID 975, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 5.0 in stage 260.0 (TID 972) in 0 ms on localhost (executor driver) (1/11)

19/02/20 20:42:00 INFO Executor: Running task 8.0 in stage 260.0 (TID 975)
19/02/20 20:42:00 INFO Executor: Finished task 2.0 in stage 260.0 (TID 969). 876 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 9.0 in stage 260.0 (TID 976, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 2.0 in stage 260.0 (TID 969) in 0 ms on localhost (executor driver) (2/11)
19/02/20 20:42:00 INFO Executor: Running task 9.0 in stage 260.0 (TID 976)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_540_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 3.0 in stage 260.0 (TID 970). 876 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 10.0 in stage 260.0 (TID 977, localhost, executor driver, partition 10, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 3.0 in stage 260.0 (TID 970) in 0 ms on localhost (executor driver) (3/11)
19/02/20 20:42:00 INFO Executor: Running task 10.0 in stage 260.0 (TID 977)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_556_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 1.0 in stage 260.0 (TID 968). 876 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 1.0 in stage 260.0 (TID 968) in 0 ms on localhost (executor driver) (4/11)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_572_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 260.0 (TID 967). 876 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 260.0 (TID 967) in 0 ms on localhost (executor driver) (5/11)
19/02/20 20:42:00 INFO Executor: Finished task 7.0 in stage 260.0 (TID 974). 876 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 7.0 in stage 260.0 (TID 974) in 0 ms on localhost (executor driver) (6/11)
19/02/20 20:42:00 INFO Executor: Finished task 6.0 in stage 260.0 (TID 973). 876 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 6.0 in stage 260.0 (TID 973) in 0 ms on localhost (executor driver) (7/11)
19/02/20 20:42:00 INFO Executor: Finished task 4.0 in stage 260.0 (TID 971). 962 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 4.0 in stage 260.0 (TID 971) in 16 ms on localhost (executor driver) (8/11)
19/02/20 20:42:00 INFO Executor: Finished task 10.0 in stage 260.0 (TID 977). 962 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 10.0 in stage 260.0 (TID 977) in 16 ms on localhost (executor driver) (9/11)
19/02/20 20:42:00 INFO Executor: Finished task 9.0 in stage 260.0 (TID 976). 919 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 9.0 in stage 260.0 (TID 976) in 16 ms on localhost (executor driver) (10/11)
19/02/20 20:42:00 INFO Executor: Finished task 8.0 in stage 260.0 (TID 975). 919 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 8.0 in stage 260.0 (TID 975) in 16 ms on localhost (executor driver) (11/11)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 260.0, whose tasks have all completed, from pool
19/02/20 20:42:00 INFO DAGScheduler: ShuffleMapStage 260 (mapToPair at SimpleMovingAvgClosingPrice.java:30) finished in 0.016 s
19/02/20 20:42:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:42:00 INFO DAGScheduler: running: Set()
19/02/20 20:42:00 INFO DAGScheduler: waiting: Set(ResultStage 261)
19/02/20 20:42:00 INFO DAGScheduler: failed: Set()
19/02/20 20:42:00 INFO DAGScheduler: Submitting ResultStage 261 (MapPartitionsRDD[612] at saveAsTextFile at SimpleMovingAvgClosingPrice.java:59), which has no missing parents
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_185 stored as values in memory (estimated size 51.7 KB, free 2.2 GB)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_185_piece0 stored as bytes

in memory (estimated size 18.7 KB, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_185_piece0 in memory on 192.168.56.1:56546 (size: 18.7 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO SparkContext: Created broadcast 185 from broadcast at DAGScheduler.scala:1006
19/02/20 20:42:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 261 (MapPartitionsRDD[612] at saveAsTextFile at SimpleMovingAvgClosingPrice.java:59) (first 15 tasks are for partitions Vector(0))
19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 261.0 with 1 tasks
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 261.0 (TID 978, localhost, executor driver, partition 0, ANY, 5023 bytes)
19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 261.0 (TID 978)
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO FileOutputCommitter: Saved output of task 'attempt_20190220204200_0261_m_000000_978' to file:/C:/Users/Public/output/Analyses1_SMA_1550675520221/_temporary/0/task_20190220204200_0261_m_000000
19/02/20 20:42:00 INFO SparkHadoopMapRedUtil: attempt_20190220204200_0261_m_000000_978: Committed
19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 261.0 (TID 978). 1053 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 261.0 (TID 978) in 109 ms on localhost (executor driver) (1/1)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 261.0, whose tasks have all completed, from pool
19/02/20 20:42:00 INFO DAGScheduler: ResultStage 261 (saveAsTextFile at SimpleMovingAvgClosingPrice.java:59) finished in 0.109 s
19/02/20 20:42:00 INFO DAGScheduler: Job 72 finished: saveAsTextFile at SimpleMovingAvgClosingPrice.java:59, took 0.141331 s
19/02/20 20:42:00 INFO JobScheduler: Finished job streaming job 1550675520000 ms.0 from job set of time 1550675520000 ms
19/02/20 20:42:00 INFO JobScheduler: Starting job streaming job 1550675520000

ms.1 from job set of time 1550675520000 ms
19/02/20 20:42:00 INFO SparkContext: Starting job: print at SimpleMovingAvgClosingPrice.java:61
19/02/20 20:42:00 INFO DAGScheduler: Got job 73 (print at SimpleMovingAvgClosingPrice.java:61) with 1 output partitions
19/02/20 20:42:00 INFO DAGScheduler: Final stage: ResultStage 262 (print at SimpleMovingAvgClosingPrice.java:61)
19/02/20 20:42:00 INFO DAGScheduler: Parents of final stage: List()
19/02/20 20:42:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:42:00 INFO DAGScheduler: Submitting ResultStage 262 (MapPartitionsRDD[574] at flatMap at SparkAnalysesDriver.java:62), which has no missing parents
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_186 stored as values in memory (estimated size 8.0 KB, free 2.2 GB)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_186_piece0 stored as bytes in memory (estimated size 3.8 KB, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_186_piece0 in memory on 192.168.56.1:56546 (size: 3.8 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO SparkContext: Created broadcast 186 from broadcast at DAGScheduler.scala:1006
19/02/20 20:42:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 262 (MapPartitionsRDD[574] at flatMap at SparkAnalysesDriver.java:62) (first 15 tasks are for partitions Vector(0))
19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 262.0 with 1 tasks
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 262.0 (TID 979, localhost, executor driver, partition 0, PROCESS_LOCAL, 5048 bytes)
19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 262.0 (TID 979)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 262.0 (TID 979). 875 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 262.0 (TID 979) in 0 ms on localhost (executor driver) (1/1)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 262.0, whose tasks have all completed, from pool
19/02/20 20:42:00 INFO DAGScheduler: ResultStage 262 (print at SimpleMovingAvgClosingPrice.java:61) finished in 0.000 s
19/02/20 20:42:00 INFO DAGScheduler: Job 73 finished: print at SimpleMovingAvgClosingPrice.java:61, took 0.005625 s
19/02/20 20:42:00 INFO SparkContext: Starting job: print at SimpleMovingAvgClosingPrice.java:61
19/02/20 20:42:00 INFO DAGScheduler: Got job 74 (print at SimpleMovingAvgClosingPrice.java:61) with 3 output partitions
19/02/20 20:42:00 INFO DAGScheduler: Final stage: ResultStage 263 (print at SimpleMovingAvgClosingPrice.java:61)
19/02/20 20:42:00 INFO DAGScheduler: Parents of final stage: List()
19/02/20 20:42:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:42:00 INFO DAGScheduler: Submitting ResultStage 263 (MapPartitionsRDD[574] at flatMap at SparkAnalysesDriver.java:62), which has no missing parents
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_187 stored as values in memory (estimated size 8.0 KB, free 2.2 GB)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_187_piece0 stored as bytes in memory (estimated size 3.8 KB, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_187_piece0 in memory on 192.168.56.1:56546 (size: 3.8 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO SparkContext: Created broadcast 187 from broadcast at DAGScheduler.scala:1006
19/02/20 20:42:00 INFO DAGScheduler: Submitting 3 missing tasks from ResultStage 263 (MapPartitionsRDD[574] at flatMap at SparkAnalysesDriver.java:62) (first 15 tasks are for partitions Vector(1, 2, 3))
19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 263.0 with 3 tasks
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 263.0 (TID 980, localhost, executor driver, partition 1, PROCESS_LOCAL, 5048 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 1.0 in stage 263.0 (TID

981, localhost, executor driver, partition 2, PROCESS_LOCAL, 5048 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 2.0 in stage 263.0 (TID 982, localhost, executor driver, partition 3, PROCESS_LOCAL, 5048 bytes)
19/02/20 20:42:00 INFO Executor: Running task 2.0 in stage 263.0 (TID 982)
19/02/20 20:42:00 INFO Executor: Running task 1.0 in stage 263.0 (TID 981)
19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 263.0 (TID 980)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_438_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_454_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 1.0 in stage 263.0 (TID 981). 875 bytes result sent to driver
19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 263.0 (TID 980). 875 bytes result sent to driver
19/02/20 20:42:00 INFO Executor: Finished task 2.0 in stage 263.0 (TID 982). 875 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 1.0 in stage 263.0 (TID 981) in 0 ms on localhost (executor driver) (1/3)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 2.0 in stage 263.0 (TID 982) in 0 ms on localhost (executor driver) (2/3)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 263.0 (TID 980) in 0 ms on localhost (executor driver) (3/3)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 263.0, whose tasks have all completed, from pool
19/02/20 20:42:00 INFO DAGScheduler: ResultStage 263 (print at SimpleMovingAvgClosingPrice.java:61) finished in 0.000 s
19/02/20 20:42:00 INFO DAGScheduler: Job 74 finished: print at SimpleMovingAvgClosingPrice.java:61, took 0.005962 s
19/02/20 20:42:00 INFO JobScheduler: Finished job streaming job 1550675520000 ms.1 from job set of time 1550675520000 ms
19/02/20 20:42:00 INFO JobScheduler: Starting job streaming job 1550675520000 ms.2 from job set of time 1550675520000 ms
19/02/20 20:42:00 INFO SparkContext: Starting job: isEmpty at MaximumProfitStock.java:152
19/02/20 20:42:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 76 is 164 bytes
19/02/20 20:42:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 77 is 164 bytes
19/02/20 20:42:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 74 is 165 bytes
19/02/20 20:42:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 75 is 165 bytes
19/02/20 20:42:00 INFO DAGScheduler: Registering RDD 588 (mapToPair at MaximumProfitStock.java:140)
19/02/20 20:42:00 INFO DAGScheduler: Got job 75 (isEmpty at MaximumProfitStock.java:152) with 1 output partitions
19/02/20 20:42:00 INFO DAGScheduler: Final stage: ResultStage 269 (isEmpty at MaximumProfitStock.java:152)
19/02/20 20:42:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 268)
19/02/20 20:42:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 268)
19/02/20 20:42:00 INFO DAGScheduler: Submitting ShuffleMapStage 268 (MapPartitionsRDD[588] at mapToPair at MaximumProfitStock.java:140), which has no missing parents
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_188 stored as values in memory (estimated size 5.7 KB, free 2.2 GB)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_188_piece0 stored as bytes in memory (estimated size 3.1 KB, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_188_piece0 in memory on 192.168.56.1:56546 (size: 3.1 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO SparkContext: Created broadcast 188 from broadcast at DAGScheduler.scala:1006
19/02/20 20:42:00 INFO DAGScheduler: Submitting 8 missing tasks from ShuffleMapStage 268 (MapPartitionsRDD[588] at mapToPair at MaximumProfitStock.java:140) (first 15 tasks are for partitions Vector(0, 1, 2,

3, 4, 5, 6, 7))

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19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 268.0 with 8 tasks
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 268.0 (TID
983, localhost, executor driver, partition 0, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 1.0 in stage 268.0 (TID
984, localhost, executor driver, partition 1, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 2.0 in stage 268.0 (TID
985, localhost, executor driver, partition 2, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 3.0 in stage 268.0 (TID
986, localhost, executor driver, partition 3, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 4.0 in stage 268.0 (TID
987, localhost, executor driver, partition 4, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 5.0 in stage 268.0 (TID
988, localhost, executor driver, partition 5, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 6.0 in stage 268.0 (TID
989, localhost, executor driver, partition 6, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 7.0 in stage 268.0 (TID
990, localhost, executor driver, partition 7, PROCESS_LOCAL, 4673 bytes)
19/02/20 20:42:00 INFO Executor: Running task 2.0 in stage 268.0 (TID 985)
19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 268.0 (TID 983)
19/02/20 20:42:00 INFO Executor: Running task 5.0 in stage 268.0 (TID 988)
19/02/20 20:42:00 INFO Executor: Running task 1.0 in stage 268.0 (TID 984)
19/02/20 20:42:00 INFO Executor: Running task 3.0 in stage 268.0 (TID 986)
19/02/20 20:42:00 INFO Executor: Running task 6.0 in stage 268.0 (TID 989)
19/02/20 20:42:00 INFO Executor: Running task 4.0 in stage 268.0 (TID 987)
19/02/20 20:42:00 INFO Executor: Running task 7.0 in stage 268.0 (TID 990)
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks
out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
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19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO Executor: Finished task 1.0 in stage 268.0 (TID 984). 1000 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 1.0 in stage 268.0 (TID 984) in 16 ms on localhost (executor driver) (1/8)
19/02/20 20:42:00 INFO Executor: Finished task 2.0 in stage 268.0 (TID 985). 957 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 2.0 in stage 268.0 (TID 985) in 16 ms on localhost (executor driver) (2/8)
19/02/20 20:42:00 INFO Executor: Finished task 7.0 in stage 268.0 (TID 990). 957 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 7.0 in stage 268.0 (TID 990) in 16 ms on localhost (executor driver) (3/8)
19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 268.0 (TID 983). 957 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 268.0 (TID 983) in 16 ms on localhost (executor driver) (4/8)
19/02/20 20:42:00 INFO Executor: Finished task 5.0 in stage 268.0 (TID 988). 957 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 5.0 in stage 268.0 (TID 988) in 16 ms on localhost (executor driver) (5/8)
19/02/20 20:42:00 INFO Executor: Finished task 4.0 in stage 268.0 (TID 987). 1129 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 4.0 in stage 268.0 (TID 987) in 16 ms on localhost (executor driver) (6/8)
19/02/20 20:42:00 INFO Executor: Finished task 3.0 in stage 268.0 (TID 986). 1000 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 3.0 in stage 268.0 (TID 986) in 16 ms on localhost (executor driver) (7/8)
19/02/20 20:42:00 INFO Executor: Finished task 6.0 in stage 268.0 (TID 989). 1129 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 6.0 in stage 268.0 (TID 989) in 16 ms on localhost (executor driver) (8/8)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 268.0, whose tasks have all completed, from pool
19/02/20 20:42:00 INFO DAGScheduler: ShuffleMapStage 268 (mapToPair at MaximumProfitStock.java:140) finished in 0.016 s
19/02/20 20:42:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:42:00 INFO DAGScheduler: running: Set()

19/02/20 20:42:00 INFO DAGScheduler: waiting: Set(ResultStage 269)
19/02/20 20:42:00 INFO DAGScheduler: failed: Set()
19/02/20 20:42:00 INFO DAGScheduler: Submitting ResultStage 269
(ShuffledRDD[591] at sortByKey at MaximumProfitStock.java:141), which has no
missing parents
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_189 stored as values in
memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_189_piece0 stored as bytes
in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_189_piece0 in memory on
192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO SparkContext: Created broadcast 189 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:42:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage
269 (ShuffledRDD[591] at sortByKey at MaximumProfitStock.java:141) (first 15
tasks are for partitions Vector(0))
19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 269.0 with 1 tasks
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 269.0 (TID
991, localhost, executor driver, partition 0, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 269.0 (TID 991)
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 269.0 (TID 991). 882
bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 269.0 (TID
991) in 0 ms on localhost (executor driver) (1/1)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 269.0, whose tasks
have all completed, from pool
19/02/20 20:42:00 INFO DAGScheduler: ResultStage 269 (isEmpty at
MaximumProfitStock.java:152) finished in 0.000 s
19/02/20 20:42:00 INFO DAGScheduler: Job 75 finished: isEmpty at
MaximumProfitStock.java:152, took 0.021686 s
19/02/20 20:42:00 INFO SparkContext: Starting job: isEmpty at
MaximumProfitStock.java:152
19/02/20 20:42:00 INFO MapOutputTrackerMaster: Size of output statuses for
shuffle 76 is 164 bytes
19/02/20 20:42:00 INFO MapOutputTrackerMaster: Size of output statuses for
shuffle 77 is 164 bytes
19/02/20 20:42:00 INFO MapOutputTrackerMaster: Size of output statuses for
shuffle 74 is 165 bytes
19/02/20 20:42:00 INFO MapOutputTrackerMaster: Size of output statuses for
shuffle 75 is 165 bytes
19/02/20 20:42:00 INFO MapOutputTrackerMaster: Size of output statuses for
shuffle 80 is 165 bytes
19/02/20 20:42:00 INFO DAGScheduler: Got job 76 (isEmpty at
MaximumProfitStock.java:152) with 2 output partitions
19/02/20 20:42:00 INFO DAGScheduler: Final stage: ResultStage 275 (isEmpty at
MaximumProfitStock.java:152)
19/02/20 20:42:00 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 274)
19/02/20 20:42:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:42:00 INFO DAGScheduler: Submitting ResultStage 275
(ShuffledRDD[591] at sortByKey at MaximumProfitStock.java:141), which has no
missing parents
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_190 stored as values in
memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_190_piece0 stored as bytes
in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_190_piece0 in memory on
192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO SparkContext: Created broadcast 190 from broadcast at
DAGScheduler.scala:1006

19/02/20 20:42:00 INFO DAGScheduler: Submitting 2 missing tasks from ResultStage 275 (ShuffledRDD[591] at sortByKey at MaximumProfitStock.java:141) (first 15 tasks are for partitions Vector(1, 2))
19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 275.0 with 2 tasks
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 275.0 (TID 992, localhost, executor driver, partition 1, ANY, 4621 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 1.0 in stage 275.0 (TID 993, localhost, executor driver, partition 2, ANY, 4621 bytes)
19/02/20 20:42:00 INFO Executor: Running task 1.0 in stage 275.0 (TID 993)
19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 275.0 (TID 992)
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 275.0 (TID 992). 899 bytes result sent to driver
19/02/20 20:42:00 INFO Executor: Finished task 1.0 in stage 275.0 (TID 993). 899 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 275.0 (TID 992) in 0 ms on localhost (executor driver) (1/2)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 1.0 in stage 275.0 (TID 993) in 0 ms on localhost (executor driver) (2/2)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 275.0, whose tasks have all completed, from pool
19/02/20 20:42:00 INFO DAGScheduler: ResultStage 275 (isEmpty at MaximumProfitStock.java:152) finished in 0.000 s
19/02/20 20:42:00 INFO DAGScheduler: Job 76 finished: isEmpty at MaximumProfitStock.java:152, took 0.007449 s
19/02/20 20:42:00 INFO SparkContext: Starting job: take at MaximumProfitStock.java:156
19/02/20 20:42:00 INFO DAGScheduler: Got job 77 (take at MaximumProfitStock.java:156) with 1 output partitions
19/02/20 20:42:00 INFO DAGScheduler: Final stage: ResultStage 281 (take at MaximumProfitStock.java:156)
19/02/20 20:42:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 280)
19/02/20 20:42:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:42:00 INFO DAGScheduler: Submitting ResultStage 281 (ShuffledRDD[591] at sortByKey at MaximumProfitStock.java:141), which has no missing parents
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_191 stored as values in memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_191_piece0 stored as bytes in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_191_piece0 in memory on 192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO SparkContext: Created broadcast 191 from broadcast at DAGScheduler.scala:1006
19/02/20 20:42:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 281 (ShuffledRDD[591] at sortByKey at MaximumProfitStock.java:141) (first 15 tasks are for partitions Vector(0))
19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 281.0 with 1 tasks
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 281.0 (TID 994, localhost, executor driver, partition 0, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 281.0 (TID 994)
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 281.0 (TID 994). 882

bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 281.0 (TID 994) in 0 ms on localhost (executor driver) (1/1)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 281.0, whose tasks have all completed, from pool
19/02/20 20:42:00 INFO DAGScheduler: ResultStage 281 (take at MaximumProfitStock.java:156) finished in 0.000 s
19/02/20 20:42:00 INFO DAGScheduler: Job 77 finished: take at MaximumProfitStock.java:156, took 0.006850 s
19/02/20 20:42:00 INFO SparkContext: Starting job: take at MaximumProfitStock.java:156
19/02/20 20:42:00 INFO DAGScheduler: Got job 78 (take at MaximumProfitStock.java:156) with 2 output partitions
19/02/20 20:42:00 INFO DAGScheduler: Final stage: ResultStage 287 (take at MaximumProfitStock.java:156)
19/02/20 20:42:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 286)
19/02/20 20:42:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:42:00 INFO DAGScheduler: Submitting ResultStage 287 (ShuffledRDD[591] at sortByKey at MaximumProfitStock.java:141), which has no missing parents
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_192 stored as values in memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_192_piece0 stored as bytes in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_192_piece0 in memory on 192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO SparkContext: Created broadcast 192 from broadcast at DAGScheduler.scala:1006
19/02/20 20:42:00 INFO DAGScheduler: Submitting 2 missing tasks from ResultStage 287 (ShuffledRDD[591] at sortByKey at MaximumProfitStock.java:141) (first 15 tasks are for partitions Vector(1, 2))
19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 287.0 with 2 tasks
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 287.0 (TID 995, localhost, executor driver, partition 1, ANY, 4621 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 1.0 in stage 287.0 (TID 996, localhost, executor driver, partition 2, ANY, 4621 bytes)
19/02/20 20:42:00 INFO Executor: Running task 1.0 in stage 287.0 (TID 996)
19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 287.0 (TID 995)
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO Executor: Finished task 1.0 in stage 287.0 (TID 996). 899 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 1.0 in stage 287.0 (TID 996) in 0 ms on localhost (executor driver) (1/2)
19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 287.0 (TID 995). 899 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 287.0 (TID 995) in 0 ms on localhost (executor driver) (2/2)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 287.0, whose tasks have all completed, from pool
19/02/20 20:42:00 INFO DAGScheduler: ResultStage 287 (take at MaximumProfitStock.java:156) finished in 0.000 s
19/02/20 20:42:00 INFO DAGScheduler: Job 78 finished: take at MaximumProfitStock.java:156, took 0.009800 s
19/02/20 20:42:00 INFO JobScheduler: Finished job streaming job 1550675520000 ms.2 from job set of time 1550675520000 ms
19/02/20 20:42:00 INFO JobScheduler: Starting job streaming job 1550675520000

ms.3 from job set of time 1550675520000 ms
19/02/20 20:42:00 INFO SparkContext: Starting job: saveAsTextFile at
RelativeStrengthIndex.java:125
19/02/20 20:42:00 INFO DAGScheduler: Registering RDD 597 (filter at
RelativeStrengthIndex.java:61)
19/02/20 20:42:00 INFO DAGScheduler: Registering RDD 595 (filter at
RelativeStrengthIndex.java:54)
19/02/20 20:42:00 INFO DAGScheduler: Got job 79 (saveAsTextFile at
RelativeStrengthIndex.java:125) with 1 output partitions
19/02/20 20:42:00 INFO DAGScheduler: Final stage: ResultStage 290
(saveAsTextFile at RelativeStrengthIndex.java:125)
19/02/20 20:42:00 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 288, ShuffleMapStage 289)
19/02/20 20:42:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 288,
ShuffleMapStage 289)
19/02/20 20:42:00 INFO DAGScheduler: Submitting ShuffleMapStage 288
(MapPartitionsRDD[597] at filter at RelativeStrengthIndex.java:61), which has no
missing parents
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_193 stored as values in
memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_193_piece0 stored as bytes
in memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_193_piece0 in memory on
192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO SparkContext: Created broadcast 193 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:42:00 INFO DAGScheduler: Submitting 11 missing tasks from
ShuffleMapStage 288 (MapPartitionsRDD[597] at filter at
RelativeStrengthIndex.java:61) (first 15 tasks are for partitions Vector(0, 1,
2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 288.0 with 11 tasks
19/02/20 20:42:00 INFO DAGScheduler: Submitting ShuffleMapStage 289
(MapPartitionsRDD[595] at filter at RelativeStrengthIndex.java:54), which has no
missing parents
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 288.0 (TID
997, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 1.0 in stage 288.0 (TID
998, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 2.0 in stage 288.0 (TID
999, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 3.0 in stage 288.0 (TID
1000, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 4.0 in stage 288.0 (TID
1001, localhost, executor driver, partition 4, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 5.0 in stage 288.0 (TID
1002, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 6.0 in stage 288.0 (TID
1003, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 7.0 in stage 288.0 (TID
1004, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO Executor: Running task 2.0 in stage 288.0 (TID 999)
19/02/20 20:42:00 INFO Executor: Running task 5.0 in stage 288.0 (TID 1002)
19/02/20 20:42:00 INFO Executor: Running task 3.0 in stage 288.0 (TID 1000)
19/02/20 20:42:00 INFO Executor: Running task 1.0 in stage 288.0 (TID 998)
19/02/20 20:42:00 INFO Executor: Running task 4.0 in stage 288.0 (TID 1001)
19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 288.0 (TID 997)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_194 stored as values in
memory (estimated size 10.8 KB, free 2.2 GB)
19/02/20 20:42:00 INFO Executor: Running task 6.0 in stage 288.0 (TID 1003)
19/02/20 20:42:00 INFO Executor: Running task 7.0 in stage 288.0 (TID 1004)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_194_piece0 stored as bytes
in memory (estimated size 5.2 KB, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_524_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_438_0 locally

19/02/20 20:42:00 INFO BlockManager: Found block rdd_470_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_194_piece0 in memory on 192.168.56.1:56546 (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_524_1 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_454_0 locally
19/02/20 20:42:00 INFO SparkContext: Created broadcast 194 from broadcast at DAGScheduler.scala:1006
19/02/20 20:42:00 INFO DAGScheduler: Submitting 11 missing tasks from ShuffleMapStage 289 (MapPartitionsRDD[595] at filter at RelativeStrengthIndex.java:54) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10))
19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 289.0 with 11 tasks
19/02/20 20:42:00 INFO BlockManager: Found block rdd_507_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 1.0 in stage 288.0 (TID 998). 962 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 8.0 in stage 288.0 (TID 1005, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO Executor: Running task 8.0 in stage 288.0 (TID 1005)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 1.0 in stage 288.0 (TID 998) in 15 ms on localhost (executor driver) (1/11)
19/02/20 20:42:00 INFO Executor: Finished task 5.0 in stage 288.0 (TID 1002). 962 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 9.0 in stage 288.0 (TID 1006, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO Executor: Running task 9.0 in stage 288.0 (TID 1006)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 5.0 in stage 288.0 (TID 1002) in 15 ms on localhost (executor driver) (2/11)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_540_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 6.0 in stage 288.0 (TID 1003). 919 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 10.0 in stage 288.0 (TID 1007, localhost, executor driver, partition 10, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_556_0 locally
19/02/20 20:42:00 INFO TaskSetManager: Finished task 6.0 in stage 288.0 (TID 1003) in 15 ms on localhost (executor driver) (3/11)
19/02/20 20:42:00 INFO Executor: Running task 10.0 in stage 288.0 (TID 1007)
19/02/20 20:42:00 INFO Executor: Finished task 3.0 in stage 288.0 (TID 1000). 962 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 289.0 (TID 1008, localhost, executor driver, partition 0, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 3.0 in stage 288.0 (TID 1000) in 15 ms on localhost (executor driver) (4/11)
19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 289.0 (TID 1008)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_572_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 4.0 in stage 288.0 (TID 1001). 962 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 1.0 in stage 289.0 (TID 1009, localhost, executor driver, partition 1, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 4.0 in stage 288.0 (TID 1001) in 15 ms on localhost (executor driver) (5/11)
19/02/20 20:42:00 INFO Executor: Running task 1.0 in stage 289.0 (TID 1009)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_406_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 7.0 in stage 288.0 (TID 1004). 962 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 2.0 in stage 289.0 (TID 1010, localhost, executor driver, partition 2, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 7.0 in stage 288.0 (TID 1004) in 15 ms on localhost (executor driver) (6/11)
19/02/20 20:42:00 INFO Executor: Running task 2.0 in stage 289.0 (TID 1010)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_422_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 2.0 in stage 288.0 (TID 999). 962 bytes result sent to driver

19/02/20 20:42:00 INFO TaskSetManager: Starting task 3.0 in stage 289.0 (TID 1011, localhost, executor driver, partition 3, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 2.0 in stage 288.0 (TID 999) in 15 ms on localhost (executor driver) (7/11)
19/02/20 20:42:00 INFO Executor: Running task 3.0 in stage 289.0 (TID 1011)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_438_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 288.0 (TID 997). 962 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 4.0 in stage 289.0 (TID 1012, localhost, executor driver, partition 4, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:42:00 INFO Executor: Running task 4.0 in stage 289.0 (TID 1012)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 288.0 (TID 997) in 15 ms on localhost (executor driver) (8/11)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_454_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 289.0 (TID 1008). 876 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 5.0 in stage 289.0 (TID 1013, localhost, executor driver, partition 5, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_470_0 locally
19/02/20 20:42:00 INFO Executor: Running task 5.0 in stage 289.0 (TID 1013)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 289.0 (TID 1008) in 0 ms on localhost (executor driver) (1/11)
19/02/20 20:42:00 INFO Executor: Finished task 10.0 in stage 288.0 (TID 1007). 876 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 6.0 in stage 289.0 (TID 1014, localhost, executor driver, partition 6, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 10.0 in stage 288.0 (TID 1007) in 16 ms on localhost (executor driver) (9/11)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_507_0 locally
19/02/20 20:42:00 INFO Executor: Running task 6.0 in stage 289.0 (TID 1014)
19/02/20 20:42:00 INFO Executor: Finished task 9.0 in stage 288.0 (TID 1006). 962 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 7.0 in stage 289.0 (TID 1015, localhost, executor driver, partition 7, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 9.0 in stage 288.0 (TID 1006) in 17 ms on localhost (executor driver) (10/11)
19/02/20 20:42:00 INFO Executor: Running task 7.0 in stage 289.0 (TID 1015)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_524_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_524_1 locally
19/02/20 20:42:00 INFO Executor: Finished task 8.0 in stage 288.0 (TID 1005). 919 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 8.0 in stage 289.0 (TID 1016, localhost, executor driver, partition 8, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 8.0 in stage 288.0 (TID 1005) in 19 ms on localhost (executor driver) (11/11)
19/02/20 20:42:00 INFO Executor: Running task 8.0 in stage 289.0 (TID 1016)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 288.0, whose tasks have all completed, from pool
19/02/20 20:42:00 INFO Executor: Finished task 5.0 in stage 289.0 (TID 1013). 876 bytes result sent to driver
19/02/20 20:42:00 INFO DAGScheduler: ShuffleMapStage 288 (filter at RelativeStrengthIndex.java:61) finished in 0.034 s
19/02/20 20:42:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:42:00 INFO DAGScheduler: running: Set(ShuffleMapStage 289)
19/02/20 20:42:00 INFO DAGScheduler: waiting: Set(ResultStage 290)
19/02/20 20:42:00 INFO DAGScheduler: failed: Set()
19/02/20 20:42:00 INFO TaskSetManager: Starting task 9.0 in stage 289.0 (TID 1017, localhost, executor driver, partition 9, PROCESS_LOCAL, 5037 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 5.0 in stage 289.0 (TID 1013) in 19 ms on localhost (executor driver) (2/11)
19/02/20 20:42:00 INFO Executor: Running task 9.0 in stage 289.0 (TID 1017)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_540_0 locally
19/02/20 20:42:00 INFO BlockManager: Found block rdd_556_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 4.0 in stage 289.0 (TID 1012).

962 bytes result sent to driver
19/02/20 20:42:00 INFO Executor: Finished task 3.0 in stage 289.0 (TID 1011).
833 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Starting task 10.0 in stage 289.0 (TID 1018, localhost, executor driver, partition 10, PROCESS_LOCAL, 5036 bytes)
19/02/20 20:42:00 INFO Executor: Running task 10.0 in stage 289.0 (TID 1018)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 4.0 in stage 289.0 (TID 1012) in 21 ms on localhost (executor driver) (3/11)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 3.0 in stage 289.0 (TID 1011) in 21 ms on localhost (executor driver) (4/11)
19/02/20 20:42:00 INFO BlockManager: Found block rdd_572_0 locally
19/02/20 20:42:00 INFO Executor: Finished task 2.0 in stage 289.0 (TID 1010).
919 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 2.0 in stage 289.0 (TID 1010) in 23 ms on localhost (executor driver) (5/11)
19/02/20 20:42:00 INFO Executor: Finished task 1.0 in stage 289.0 (TID 1009).
919 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 1.0 in stage 289.0 (TID 1009) in 24 ms on localhost (executor driver) (6/11)
19/02/20 20:42:00 INFO Executor: Finished task 8.0 in stage 289.0 (TID 1016).
1005 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 8.0 in stage 289.0 (TID 1016) in 7 ms on localhost (executor driver) (7/11)
19/02/20 20:42:00 INFO Executor: Finished task 9.0 in stage 289.0 (TID 1017).
962 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 9.0 in stage 289.0 (TID 1017) in 7 ms on localhost (executor driver) (8/11)
19/02/20 20:42:00 INFO Executor: Finished task 7.0 in stage 289.0 (TID 1015).
1005 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 7.0 in stage 289.0 (TID 1015) in 10 ms on localhost (executor driver) (9/11)
19/02/20 20:42:00 INFO Executor: Finished task 6.0 in stage 289.0 (TID 1014).
833 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 6.0 in stage 289.0 (TID 1014) in 28 ms on localhost (executor driver) (10/11)
19/02/20 20:42:00 INFO Executor: Finished task 10.0 in stage 289.0 (TID 1018).
833 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 10.0 in stage 289.0 (TID 1018) in 7 ms on localhost (executor driver) (11/11)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 289.0, whose tasks have all completed, from pool
19/02/20 20:42:00 INFO DAGScheduler: ShuffleMapStage 289 (filter at RelativeStrengthIndex.java:54) finished in 0.044 s
19/02/20 20:42:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:42:00 INFO DAGScheduler: running: Set()
19/02/20 20:42:00 INFO DAGScheduler: waiting: Set(ResultStage 290)
19/02/20 20:42:00 INFO DAGScheduler: failed: Set()
19/02/20 20:42:00 INFO DAGScheduler: Submitting ResultStage 290 (MapPartitionsRDD[614] at saveAsTextFile at RelativeStrengthIndex.java:125), which has no missing parents
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_195 stored as values in memory (estimated size 53.4 KB, free 2.2 GB)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_195_piece0 stored as bytes in memory (estimated size 19.3 KB, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_195_piece0 in memory on 192.168.56.1:56546 (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO SparkContext: Created broadcast 195 from broadcast at DAGScheduler.scala:1006
19/02/20 20:42:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 290 (MapPartitionsRDD[614] at saveAsTextFile at RelativeStrengthIndex.java:125) (first 15 tasks are for partitions Vector())
19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 290.0 with 1 tasks
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 290.0 (TID 1019, localhost, executor driver, partition 0, ANY, 5682 bytes)

[illegible]

0 ms
19/02/20 20:42:00 INFO FileOutputCommitter: Saved output of task
'attempt_20190220204200_0290_m_000000_1019' to
file:/C:/Users/Public/output/Analyses3_Rsi_1550675520533/_temporary/0/task_20190
220204200_0290_m_000000
19/02/20 20:42:00 INFO SparkHadoopMapRedUtil:
attempt_20190220204200_0290_m_000000_1019: Committed
19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 290.0 (TID 1019).
1096 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 290.0 (TID
1019) in 123 ms on localhost (executor driver) (1/1)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 290.0, whose tasks
have all completed, from pool
19/02/20 20:42:00 INFO DAGScheduler: ResultStage 290 (saveAsTextFile at
RelativeStrengthIndex.java:125) finished in 0.123 s
19/02/20 20:42:00 INFO DAGScheduler: Job 79 finished: saveAsTextFile at
RelativeStrengthIndex.java:125, took 0.166129 s
19/02/20 20:42:00 INFO JobScheduler: Finished job streaming job 1550675520000
ms.3 from job set of time 1550675520000 ms
19/02/20 20:42:00 INFO JobScheduler: Starting job streaming job 1550675520000
ms.4 from job set of time 1550675520000 ms
19/02/20 20:42:00 INFO SparkContext: Starting job: isEmpty at
TradingVolume.java:71
19/02/20 20:42:00 INFO MapOutputTrackerMaster: Size of output statuses for
shuffle 78 is 164 bytes
19/02/20 20:42:00 INFO DAGScheduler: Registering RDD 607 (mapToPair at
TradingVolume.java:53)
19/02/20 20:42:00 INFO DAGScheduler: Got job 80 (isEmpty at
TradingVolume.java:71) with 1 output partitions
19/02/20 20:42:00 INFO DAGScheduler: Final stage: ResultStage 293 (isEmpty at
TradingVolume.java:71)
19/02/20 20:42:00 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 292)
19/02/20 20:42:00 INFO DAGScheduler: Missing parents: List(ShuffleMapStage 292)
19/02/20 20:42:00 INFO DAGScheduler: Submitting ShuffleMapStage 292
(MapPartitionsRDD[607] at mapToPair at TradingVolume.java:53), which has no
missing parents
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_196 stored as values in
memory (estimated size 5.5 KB, free 2.2 GB)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_196_piece0 stored as bytes
in memory (estimated size 3.1 KB, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_196_piece0 in memory on
192.168.56.1:56546 (size: 3.1 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO SparkContext: Created broadcast 196 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:42:00 INFO DAGScheduler: Submitting 8 missing tasks from
ShuffleMapStage 292 (MapPartitionsRDD[607] at mapToPair at
TradingVolume.java:53) (first 15 tasks are for partitions Vector(0, 1, 2, 3, 4,
5, 6, 7))
19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 292.0 with 8 tasks
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 292.0 (TID
1020, localhost, executor driver, partition 0, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 1.0 in stage 292.0 (TID
1021, localhost, executor driver, partition 1, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 2.0 in stage 292.0 (TID
1022, localhost, executor driver, partition 2, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 3.0 in stage 292.0 (TID
1023, localhost, executor driver, partition 3, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 5.0 in stage 292.0 (TID
1024, localhost, executor driver, partition 5, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 7.0 in stage 292.0 (TID
1025, localhost, executor driver, partition 7, PROCESS_LOCAL, 4610 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 4.0 in stage 292.0 (TID
1026, localhost, executor driver, partition 4, ANY, 4610 bytes)

19/02/20 20:42:00 INFO TaskSetManager: Starting task 6.0 in stage 292.0 (TID 1027, localhost, executor driver, partition 6, ANY, 4610 bytes)
19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 292.0 (TID 1020)
19/02/20 20:42:00 INFO Executor: Running task 4.0 in stage 292.0 (TID 1026)
19/02/20 20:42:00 INFO Executor: Running task 1.0 in stage 292.0 (TID 1021)
19/02/20 20:42:00 INFO Executor: Running task 5.0 in stage 292.0 (TID 1024)
19/02/20 20:42:00 INFO Executor: Running task 7.0 in stage 292.0 (TID 1025)
19/02/20 20:42:00 INFO Executor: Running task 3.0 in stage 292.0 (TID 1023)
19/02/20 20:42:00 INFO Executor: Running task 2.0 in stage 292.0 (TID 1022)
19/02/20 20:42:00 INFO Executor: Running task 6.0 in stage 292.0 (TID 1027)
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 11 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 11 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO Executor: Finished task 1.0 in stage 292.0 (TID 1021). 916 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 1.0 in stage 292.0 (TID 1021) in 0 ms on localhost (executor driver) (1/8)
19/02/20 20:42:00 INFO Executor: Finished task 2.0 in stage 292.0 (TID 1022). 916 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 2.0 in stage 292.0 (TID 1022) in 0 ms on localhost (executor driver) (2/8)
19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 292.0 (TID 1020). 916 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 292.0 (TID 1020) in 0 ms on localhost (executor driver) (3/8)
19/02/20 20:42:00 INFO Executor: Finished task 7.0 in stage 292.0 (TID 1025). 916 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 7.0 in stage 292.0 (TID 1025) in 0 ms on localhost (executor driver) (4/8)
19/02/20 20:42:00 INFO Executor: Finished task 3.0 in stage 292.0 (TID 1023). 916 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 3.0 in stage 292.0 (TID 1023) in 0 ms on localhost (executor driver) (5/8)
19/02/20 20:42:00 INFO Executor: Finished task 5.0 in stage 292.0 (TID 1024). 916 bytes result sent to driver

19/02/20 20:42:00 INFO TaskSetManager: Finished task 5.0 in stage 292.0 (TID 1024) in 0 ms on localhost (executor driver) (6/8)
19/02/20 20:42:00 INFO Executor: Finished task 6.0 in stage 292.0 (TID 1027). 1045 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 6.0 in stage 292.0 (TID 1027) in 0 ms on localhost (executor driver) (7/8)
19/02/20 20:42:00 INFO Executor: Finished task 4.0 in stage 292.0 (TID 1026). 1045 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 4.0 in stage 292.0 (TID 1026) in 0 ms on localhost (executor driver) (8/8)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 292.0, whose tasks have all completed, from pool
19/02/20 20:42:00 INFO DAGScheduler: ShuffleMapStage 292 (mapToPair at TradingVolume.java:53) finished in 0.001 s
19/02/20 20:42:00 INFO DAGScheduler: looking for newly runnable stages
19/02/20 20:42:00 INFO DAGScheduler: running: Set()
19/02/20 20:42:00 INFO DAGScheduler: waiting: Set(ResultStage 293)
19/02/20 20:42:00 INFO DAGScheduler: failed: Set()
19/02/20 20:42:00 INFO DAGScheduler: Submitting ResultStage 293 (ShuffledRDD[610] at sortByKey at TradingVolume.java:63), which has no missing parents
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_197 stored as values in memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_197_piece0 stored as bytes in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_197_piece0 in memory on 192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO SparkContext: Created broadcast 197 from broadcast at DAGScheduler.scala:1006
19/02/20 20:42:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage 293 (ShuffledRDD[610] at sortByKey at TradingVolume.java:63) (first 15 tasks are for partitions Vector(0))
19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 293.0 with 1 tasks
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 293.0 (TID 1028, localhost, executor driver, partition 0, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 293.0 (TID 1028)
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 293.0 (TID 1028). 882 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 293.0 (TID 1028) in 0 ms on localhost (executor driver) (1/1)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 293.0, whose tasks have all completed, from pool
19/02/20 20:42:00 INFO DAGScheduler: ResultStage 293 (isEmpty at TradingVolume.java:71) finished in 0.000 s
19/02/20 20:42:00 INFO DAGScheduler: Job 80 finished: isEmpty at TradingVolume.java:71, took 0.024314 s
19/02/20 20:42:00 INFO SparkContext: Starting job: isEmpty at TradingVolume.java:71
19/02/20 20:42:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 78 is 164 bytes
19/02/20 20:42:00 INFO MapOutputTrackerMaster: Size of output statuses for shuffle 83 is 169 bytes
19/02/20 20:42:00 INFO DAGScheduler: Got job 81 (isEmpty at TradingVolume.java:71) with 4 output partitions
19/02/20 20:42:00 INFO DAGScheduler: Final stage: ResultStage 296 (isEmpty at TradingVolume.java:71)
19/02/20 20:42:00 INFO DAGScheduler: Parents of final stage: List(ShuffleMapStage 295)
19/02/20 20:42:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:42:00 INFO DAGScheduler: Submitting ResultStage 296

(ShuffledRDD[610] at sortByKey at TradingVolume.java:63), which has no missing parents

19/02/20 20:42:00 INFO MemoryStore: Block broadcast_198 stored as values in memory (estimated size 3.9 KB, free 2.2 GB)

19/02/20 20:42:00 INFO MemoryStore: Block broadcast_198_piece0 stored as bytes in memory (estimated size 2.3 KB, free 2.2 GB)

19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_198_piece0 in memory on 192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)

19/02/20 20:42:00 INFO SparkContext: Created broadcast 198 from broadcast at DAGScheduler.scala:1006

19/02/20 20:42:00 INFO DAGScheduler: Submitting 4 missing tasks from ResultStage 296 (ShuffledRDD[610] at sortByKey at TradingVolume.java:63) (first 15 tasks are for partitions Vector(1, 2, 3, 4))

19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 296.0 with 4 tasks

19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 296.0 (TID 1029, localhost, executor driver, partition 1, ANY, 4621 bytes)

19/02/20 20:42:00 INFO TaskSetManager: Starting task 1.0 in stage 296.0 (TID 1030, localhost, executor driver, partition 2, ANY, 4621 bytes)

19/02/20 20:42:00 INFO TaskSetManager: Starting task 2.0 in stage 296.0 (TID 1031, localhost, executor driver, partition 3, ANY, 4621 bytes)

19/02/20 20:42:00 INFO TaskSetManager: Starting task 3.0 in stage 296.0 (TID 1032, localhost, executor driver, partition 4, ANY, 4621 bytes)

19/02/20 20:42:00 INFO Executor: Running task 1.0 in stage 296.0 (TID 1030)

19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 296.0 (TID 1029)

19/02/20 20:42:00 INFO Executor: Running task 3.0 in stage 296.0 (TID 1032)

19/02/20 20:42:00 INFO Executor: Running task 2.0 in stage 296.0 (TID 1031)

19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks

19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms

19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks

19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms

19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks

19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms

19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks

19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms

19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 296.0 (TID 1029). 899 bytes result sent to driver

19/02/20 20:42:00 INFO Executor: Finished task 3.0 in stage 296.0 (TID 1032). 900 bytes result sent to driver

19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 296.0 (TID 1029) in 0 ms on localhost (executor driver) (1/4)

19/02/20 20:42:00 INFO TaskSetManager: Finished task 3.0 in stage 296.0 (TID 1032) in 0 ms on localhost (executor driver) (2/4)

19/02/20 20:42:00 INFO Executor: Finished task 2.0 in stage 296.0 (TID 1031). 899 bytes result sent to driver

19/02/20 20:42:00 INFO Executor: Finished task 1.0 in stage 296.0 (TID 1030). 897 bytes result sent to driver

19/02/20 20:42:00 INFO TaskSetManager: Finished task 2.0 in stage 296.0 (TID 1031) in 0 ms on localhost (executor driver) (3/4)

19/02/20 20:42:00 INFO TaskSetManager: Finished task 1.0 in stage 296.0 (TID 1030) in 0 ms on localhost (executor driver) (4/4)

19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 296.0, whose tasks have all completed, from pool

19/02/20 20:42:00 INFO DAGScheduler: ResultStage 296 (isEmpty at TradingVolume.java:71) finished in 0.000 s

19/02/20 20:42:00 INFO DAGScheduler: Job 81 finished: isEmpty at TradingVolume.java:71, took 0.007359 s

19/02/20 20:42:00 INFO SparkContext: Starting job: take at TradingVolume.java:75
19/02/20 20:42:00 INFO DAGScheduler: Got job 82 (take at TradingVolume.java:75)
with 1 output partitions
19/02/20 20:42:00 INFO DAGScheduler: Final stage: ResultStage 299 (take at
TradingVolume.java:75)
19/02/20 20:42:00 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 298)
19/02/20 20:42:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:42:00 INFO DAGScheduler: Submitting ResultStage 299
(ShuffledRDD[610] at sortByKey at TradingVolume.java:63), which has no missing
parents
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_199 stored as values in
memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_199_piece0 stored as bytes
in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_199_piece0 in memory on
192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO SparkContext: Created broadcast 199 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:42:00 INFO DAGScheduler: Submitting 1 missing tasks from ResultStage
299 (ShuffledRDD[610] at sortByKey at TradingVolume.java:63) (first 15 tasks are
for partitions Vector())
19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 299.0 with 1 tasks
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 299.0 (TID
1033, localhost, executor driver, partition 0, PROCESS_LOCAL, 4621 bytes)
19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 299.0 (TID 1033)
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 0 non-empty blocks
out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in
0 ms
19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 299.0 (TID 1033).
968 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 299.0 (TID
1033) in 4 ms on localhost (executor driver) (1/1)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 299.0, whose tasks
have all completed, from pool
19/02/20 20:42:00 INFO DAGScheduler: ResultStage 299 (take at
TradingVolume.java:75) finished in 0.004 s
19/02/20 20:42:00 INFO DAGScheduler: Job 82 finished: take at
TradingVolume.java:75, took 0.006968 s
19/02/20 20:42:00 INFO SparkContext: Starting job: take at TradingVolume.java:75
19/02/20 20:42:00 INFO DAGScheduler: Got job 83 (take at TradingVolume.java:75)
with 4 output partitions
19/02/20 20:42:00 INFO DAGScheduler: Final stage: ResultStage 302 (take at
TradingVolume.java:75)
19/02/20 20:42:00 INFO DAGScheduler: Parents of final stage:
List(ShuffleMapStage 301)
19/02/20 20:42:00 INFO DAGScheduler: Missing parents: List()
19/02/20 20:42:00 INFO DAGScheduler: Submitting ResultStage 302
(ShuffledRDD[610] at sortByKey at TradingVolume.java:63), which has no missing
parents
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_200 stored as values in
memory (estimated size 3.9 KB, free 2.2 GB)
19/02/20 20:42:00 INFO MemoryStore: Block broadcast_200_piece0 stored as bytes
in memory (estimated size 2.3 KB, free 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Added broadcast_200_piece0 in memory on
192.168.56.1:56546 (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO SparkContext: Created broadcast 200 from broadcast at
DAGScheduler.scala:1006
19/02/20 20:42:00 INFO DAGScheduler: Submitting 4 missing tasks from ResultStage
302 (ShuffledRDD[610] at sortByKey at TradingVolume.java:63) (first 15 tasks are
for partitions Vector(1, 2, 3, 4))
19/02/20 20:42:00 INFO TaskSchedulerImpl: Adding task set 302.0 with 4 tasks
19/02/20 20:42:00 INFO TaskSetManager: Starting task 0.0 in stage 302.0 (TID

1034, localhost, executor driver, partition 1, ANY, 4621 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 1.0 in stage 302.0 (TID 1035, localhost, executor driver, partition 2, ANY, 4621 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 2.0 in stage 302.0 (TID 1036, localhost, executor driver, partition 3, ANY, 4621 bytes)
19/02/20 20:42:00 INFO TaskSetManager: Starting task 3.0 in stage 302.0 (TID 1037, localhost, executor driver, partition 4, ANY, 4621 bytes)
19/02/20 20:42:00 INFO Executor: Running task 3.0 in stage 302.0 (TID 1037)
19/02/20 20:42:00 INFO Executor: Running task 1.0 in stage 302.0 (TID 1035)
19/02/20 20:42:00 INFO Executor: Running task 2.0 in stage 302.0 (TID 1036)
19/02/20 20:42:00 INFO Executor: Running task 0.0 in stage 302.0 (TID 1034)
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Getting 1 non-empty blocks out of 8 blocks
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 0 ms
19/02/20 20:42:00 INFO ShuffleBlockFetcherIterator: Started 0 remote fetches in 1 ms
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_190_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_179_piece0 on 192.168.56.1:56546 in memory (size: 2.7 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_193_piece0 on 192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_186_piece0 on 192.168.56.1:56546 in memory (size: 3.8 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_181_piece0 on 192.168.56.1:56546 in memory (size: 3.0 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_191_piece0 on 192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO Executor: Finished task 1.0 in stage 302.0 (TID 1035). 1026 bytes result sent to driver
19/02/20 20:42:00 INFO Executor: Finished task 0.0 in stage 302.0 (TID 1034). 1028 bytes result sent to driver
19/02/20 20:42:00 INFO Executor: Finished task 2.0 in stage 302.0 (TID 1036). 1028 bytes result sent to driver
19/02/20 20:42:00 INFO Executor: Finished task 3.0 in stage 302.0 (TID 1037). 1029 bytes result sent to driver
19/02/20 20:42:00 INFO TaskSetManager: Finished task 1.0 in stage 302.0 (TID 1035) in 16 ms on localhost (executor driver) (1/4)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 0.0 in stage 302.0 (TID 1034) in 16 ms on localhost (executor driver) (2/4)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 3.0 in stage 302.0 (TID 1037) in 16 ms on localhost (executor driver) (3/4)
19/02/20 20:42:00 INFO TaskSetManager: Finished task 2.0 in stage 302.0 (TID 1036) in 16 ms on localhost (executor driver) (4/4)
19/02/20 20:42:00 INFO TaskSchedulerImpl: Removed TaskSet 302.0, whose tasks have all completed, from pool
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_194_piece0 on 192.168.56.1:56546 in memory (size: 5.2 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO DAGScheduler: ResultStage 302 (take at TradingVolume.java:75) finished in 0.016 s
19/02/20 20:42:00 INFO DAGScheduler: Job 83 finished: take at TradingVolume.java:75, took 0.021444 s
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_180_piece0 on

192.168.56.1:56546 in memory (size: 2.7 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_196_piece0 on
192.168.56.1:56546 in memory (size: 3.1 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO JobScheduler: Finished job streaming job 1550675520000
ms.4 from job set of time 1550675520000 ms
19/02/20 20:42:00 INFO JobScheduler: Total delay: 0.895 s for time 1550675520000
ms (execution: 0.674 s)
19/02/20 20:42:00 INFO MapPartitionsRDD: Removing RDD 475 from persistence list
19/02/20 20:42:00 INFO ShuffledRDD: Removing RDD 474 from persistence list
19/02/20 20:42:00 INFO BlockManager: Removing RDD 474
19/02/20 20:42:00 INFO BlockManager: Removing RDD 475
19/02/20 20:42:00 INFO MapPartitionsRDD: Removing RDD 473 from persistence list
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_185_piece0 on
192.168.56.1:56546 in memory (size: 18.7 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO BlockManager: Removing RDD 473
19/02/20 20:42:00 INFO MapPartitionsRDD: Removing RDD 472 from persistence list
19/02/20 20:42:00 INFO BlockManager: Removing RDD 472
19/02/20 20:42:00 INFO UnionRDD: Removing RDD 471 from persistence list
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_178_piece0 on
192.168.56.1:56546 in memory (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO BlockManager: Removing RDD 471
19/02/20 20:42:00 INFO MapPartitionsRDD: Removing RDD 150 from persistence list
19/02/20 20:42:00 INFO BlockManager: Removing RDD 150
19/02/20 20:42:00 INFO FileInputDStream: Cleared 1 old files that were older
than 1550674320000 ms: 1550674260000 ms
19/02/20 20:42:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550674320000 ms:
19/02/20 20:42:00 INFO ShuffledRDD: Removing RDD 489 from persistence list
19/02/20 20:42:00 INFO BlockManager: Removing RDD 489
19/02/20 20:42:00 INFO MapPartitionsRDD: Removing RDD 486 from persistence list
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_195_piece0 on
192.168.56.1:56546 in memory (size: 19.3 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO BlockManager: Removing RDD 486
19/02/20 20:42:00 INFO MapPartitionsRDD: Removing RDD 485 from persistence list
19/02/20 20:42:00 INFO BlockManager: Removing RDD 485
19/02/20 20:42:00 INFO MapPartitionsRDD: Removing RDD 484 from persistence list
19/02/20 20:42:00 INFO BlockManager: Removing RDD 484
19/02/20 20:42:00 INFO MapPartitionsRDD: Removing RDD 478 from persistence list
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_198_piece0 on
192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO ShuffledRDD: Removing RDD 477 from persistence list
19/02/20 20:42:00 INFO BlockManager: Removing RDD 478
19/02/20 20:42:00 INFO BlockManager: Removing RDD 477
19/02/20 20:42:00 INFO MapPartitionsRDD: Removing RDD 476 from persistence list
19/02/20 20:42:00 INFO BlockManager: Removing RDD 476
19/02/20 20:42:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550674320000 ms:
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_192_piece0 on
192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO MapPartitionsRDD: Removing RDD 481 from persistence list
19/02/20 20:42:00 INFO BlockManager: Removing RDD 481
19/02/20 20:42:00 INFO ShuffledRDD: Removing RDD 480 from persistence list
19/02/20 20:42:00 INFO BlockManager: Removing RDD 480
19/02/20 20:42:00 INFO MapPartitionsRDD: Removing RDD 479 from persistence list
19/02/20 20:42:00 INFO BlockManager: Removing RDD 479
19/02/20 20:42:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550674320000 ms:
19/02/20 20:42:00 INFO MapPartitionsRDD: Removing RDD 567 from persistence list
19/02/20 20:42:00 INFO BlockManager: Removing RDD 567
19/02/20 20:42:00 INFO MapPartitionsRDD: Removing RDD 566 from persistence list
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_183_piece0 on
192.168.56.1:56546 in memory (size: 3.0 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO BlockManager: Removing RDD 566
19/02/20 20:42:00 INFO ShuffledRDD: Removing RDD 561 from persistence list

19/02/20 20:42:00 INFO BlockManager: Removing RDD 561
19/02/20 20:42:00 INFO MapPartitionsRDD: Removing RDD 560 from persistence list
19/02/20 20:42:00 INFO BlockManager: Removing RDD 560
19/02/20 20:42:00 INFO MapPartitionsRDD: Removing RDD 559 from persistence list
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_197_piece0 on
192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO BlockManager: Removing RDD 559
19/02/20 20:42:00 INFO MapPartitionsRDD: Removing RDD 558 from persistence list
19/02/20 20:42:00 INFO BlockManager: Removing RDD 558
19/02/20 20:42:00 INFO UnionRDD: Removing RDD 557 from persistence list
19/02/20 20:42:00 INFO BlockManager: Removing RDD 557
19/02/20 20:42:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550674320000 ms:
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_187_piece0 on
192.168.56.1:56546 in memory (size: 3.8 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO ShuffledRDD: Removing RDD 563 from persistence list
19/02/20 20:42:00 INFO BlockManager: Removing RDD 563
19/02/20 20:42:00 INFO MapPartitionsRDD: Removing RDD 562 from persistence list
19/02/20 20:42:00 INFO BlockManager: Removing RDD 562
19/02/20 20:42:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550674320000 ms:
19/02/20 20:42:00 INFO ShuffledRDD: Removing RDD 399 from persistence list
19/02/20 20:42:00 INFO BlockManager: Removing RDD 399
19/02/20 20:42:00 INFO MapPartitionsRDD: Removing RDD 396 from persistence list
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_184_piece0 on
192.168.56.1:56546 in memory (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO BlockManager: Removing RDD 396
19/02/20 20:42:00 INFO ShuffledRDD: Removing RDD 395 from persistence list
19/02/20 20:42:00 INFO BlockManager: Removing RDD 395
19/02/20 20:42:00 INFO MapPartitionsRDD: Removing RDD 394 from persistence list
19/02/20 20:42:00 INFO MapPartitionsRDD: Removing RDD 393 from persistence list
19/02/20 20:42:00 INFO BlockManager: Removing RDD 394
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_199_piece0 on
192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO BlockManager: Removing RDD 393
19/02/20 20:42:00 INFO UnionRDD: Removing RDD 392 from persistence list
19/02/20 20:42:00 INFO BlockManager: Removing RDD 392
19/02/20 20:42:00 INFO FileInputDStream: Cleared 0 old files that were older
than 1550674320000 ms:
19/02/20 20:42:00 INFO ReceivedBlockTracker: Deleting batches:
19/02/20 20:42:00 INFO InputInfoTracker: remove old batch metadata:
1550674260000 ms
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_189_piece0 on
192.168.56.1:56546 in memory (size: 2.3 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_182_piece0 on
192.168.56.1:56546 in memory (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_188_piece0 on
192.168.56.1:56546 in memory (size: 3.1 KB, free: 2.2 GB)
19/02/20 20:42:00 INFO BlockManagerInfo: Removed broadcast_177_piece0 on
192.168.56.1:56546 in memory (size: 4.8 KB, free: 2.2 GB)
19/02/20 20:42:07 INFO StreamingContext: Invoking stop(stopGracefully=false)
from shutdown hook
19/02/20 20:42:07 INFO ReceiverTracker: ReceiverTracker stopped
19/02/20 20:42:07 INFO JobGenerator: Stopping JobGenerator immediately
19/02/20 20:42:07 INFO RecurringTimer: Stopped timer for JobGenerator after time
1550675520000
19/02/20 20:42:07 INFO JobGenerator: Stopped JobGenerator
19/02/20 20:42:07 INFO JobScheduler: Stopped JobScheduler
19/02/20 20:42:07 INFO StreamingContext: StreamingContext stopped successfully
19/02/20 20:42:07 WARN StreamingContext: StreamingContext has already been
stopped
19/02/20 20:42:07 INFO SparkContext: Invoking stop() from shutdown hook
19/02/20 20:42:07 INFO SparkContext: SparkContext already stopped.
19/02/20 20:42:07 INFO DiskBlockManager: Shutdown hook called

19/02/20 20:42:07 INFO SparkUI: Stopped Spark web UI at http://192.168.56.1:4040
19/02/20 20:42:07 INFO MapOutputTrackerMasterEndpoint:
MapOutputTrackerMasterEndpoint stopped!
19/02/20 20:42:07 INFO ShutdownHookManager: Shutdown hook called
19/02/20 20:42:07 INFO MemoryStore: MemoryStore cleared
19/02/20 20:42:07 INFO BlockManager: BlockManager stopped
19/02/20 20:42:07 INFO ShutdownHookManager: Deleting directory
C:\Users\Ruksana\AppData\Local\Temp\spark-d27bca11-1b6f-4e29-8753-
55148ea8d1fd\userFiles-8095d9c3-2020-4512-8e90-0214fa03d852
19/02/20 20:42:07 INFO BlockManagerMaster: BlockManagerMaster stopped
19/02/20 20:42:07 INFO ShutdownHookManager: Deleting directory
C:\Users\Ruksana\AppData\Local\Temp\spark-d27bca11-1b6f-4e29-8753-55148ea8d1fd
19/02/20 20:42:07 INFO OutputCommitCoordinator\$OutputCommitCoordinatorEndpoint:
OutputCommitCoordinator stopped!