

```
1 use tpch_flat_orc_1000;
2 set hive.vectorized.execution.enabled=false;
3
4 --- So we run query on 1TB TPCB, we pick the CPU-bound Q1 and Q6
5
6 Q1
7 select
8   l_returnflag,
9   l_linestatus,
10  sum(l_quantity) as sum_qty,
11  sum(l_extendedprice) as sum_base_price,
12  sum(l_extendedprice * (1 - l_discount)) as sum_disc_price,
13  sum(l_extendedprice * (1 - l_discount) * (1 + l_tax)) as sum_charge,
14  avg(l_quantity) as avg_qty,
15  avg(l_extendedprice) as avg_price,
16  avg(l_discount) as avg_disc,
17  count(*) as count_order
18 from
19   lineitem
20 where
21   l_shipdate <= '1998-09-16'
22 group by
23   l_returnflag,
24   l_linestatus
25 order by
26   l_returnflag,
27   l_linestatus;
28
29 prepatch
30 Time taken: 1090.37 seconds, Fetched: 4 row(s)
31 Time taken: 1148.679 seconds, Fetched: 4 row(s)
32 Time taken: 1135.994 seconds, Fetched: 4 row(s)
33
34 AVG: 1125.014333      STD: 30.66593681
35
36 post-patch
37 Time taken: 1125.303 seconds, Fetched: 4 row(s)
38 Time taken: 1090.593 seconds, Fetched: 4 row(s)
39 Time taken: 1097.478 seconds, Fetched: 4 row(s)
40
41 AVG: 1104.458      STD: 18.3776039
42
43 Q6
44
45 select
```

```
46 sum(l_extendedprice * l_discount) as revenue
47 from
48 lineitem
49 where
50 l_shipdate >= '1993-01-01'
51 and l_shipdate < '1994-01-01'
52 and l_discount between 0.06 - 0.01 and 0.06 + 0.01
53 and l_quantity < 25;
54
55
56 prepatch
57 Time taken: 97.725 seconds, Fetched: 1 row(s)
58 Time taken: 79.207 seconds, Fetched: 1 row(s)
59 Time taken: 75.739 seconds, Fetched: 1 row(s)
60
61 AVG: 84.22366667      STD: 11.82037467
62
63 postpatch
64
65 Time taken: 75.281 seconds, Fetched: 1 row(s)
66 Time taken: 75.239 seconds, Fetched: 1 row(s)
67 Time taken: 75.89 seconds, Fetched: 1 row(s)
68
69 AVG: 75.47   STD: 0.364336383
70
71 Still some issue for explain analyze
72
73 Caused by: org.apache.hadoop.hive.ql.metadata.HiveException: [Error 30002]:
74   at org.apache.hadoop.hive.ql.exec.Operator.publishRunTimeStats(Operator.
75   at org.apache.hadoop.hive.ql.exec.Operator.closeOp(Operator.java:723)
76   at org.apache.hadoop.hive.ql.exec.TableScanOperator.closeOp(TableScanOpe
77   at org.apache.hadoop.hive.ql.exec.Operator.close(Operator.java:691)
78   at org.apache.hadoop.hive.ql.exec.Operator.close(Operator.java:705)
79   at org.apache.hadoop.hive.ql.exec.tez.MapRecordProcessor.close(MapRecord
80   ... 16 more
81 ]], Vertex did not succeed due to OWN_TASK_FAILURE, failedTasks:1 killedTask
82 OK
83
84
```