

Class org.opensearch.sql.sql.SQLCorrectnessIT

all > org.opensearch.sql.sql > SQLCorrectnessIT

1	1	0	24.342s
tests	failures	ignored	duration

0%
successful

Failed tests

Tests

Standard output

Standard error

runAllTests

```
java.lang.AssertionError: Comparison test failed on queries: {
  "summary": {
    "total": 36,
    "success": 35,
    "failure": 1
  },
  "tests": [
    {
      "result": "Success",
      "id": 273,
      "sql": "SELECT 1 + 2 FROM opensearch_dashboards_sample_data_flights"
    },
    {
      "explain": "Data row at [0] is different: this=[Row(values=[false, 103.26, 180, Logstash Airways, 2019-12-23 19:52:54.0]
      "result": "Failed",
      "resultSets": [
        {
          "schema": [
            {
              "name": "CANCELLED",
              "type": "BOOLEAN"
            },
            {
              "name": "AVGTICKETPRICE",
              "type": "[FLOAT, DOUBLE, REAL, DOUBLE PRECISION, DECFLOAT]"
            },
            {
              "name": "FLIGHTDELAYMIN",
              "type": "INTEGER"
            },
            {
              "name": "CARRIER",
              "type": "VARCHAR"
            },
            {
              "name": "TIMESTAMP",
              "type": "TIMESTAMP"
            }
          ],
          "dataRows": [
            [
              false,
              836.11,
              270,
              "OpenSearch-Air",
              "2019-12-23 18:48:49.0"
            ],
            [
              true,
              765.05,
              0,
              "Logstash Airways",
              "2019-12-23 19:50:48.0"
            ],
            [
              false,
              705.72,
              225,
              "OpenSearch Dashboards Airlines",
              "2019-12-23 09:41:52.0"
            ],
            [
              false,
              103.26,
              180,
              "Logstash Airways",
              "2019-12-23 19:52:54.0"
            ]
          ]
        }
      ]
    }
  ]
}
```

```

false,
172.38,
0,
"OpenSearch-Air",
"2019-12-23 19:34:51.0"
],
[
false,
946.89,
0,
"Logstash Airways",
"2019-12-23 03:54:12.0"
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[
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775.12,
0,
"OpenSearch Dashboards Airlines",
"2019-12-23 07:32:32.0"
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"2019-12-23 19:27:11.0"
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172.38,
0,
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null
],
[
false,

```

```

    348.24,
    0,
    "OpenSearch Dashboards Airlines",
    "2019-12-23 21:10:09.0"
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  [
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    0,
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    },
    {
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      "type": "INTEGER"
    },
    {
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      "type": "VARCHAR"
    },
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      180,
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    ],
    [
      false,
      832.09,
      0,
      "OpenSearch-Air",
      "2019-12-23 08:00:00.0"
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    [
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      437.93,
      0,
      "OpenSearch-Air",
      "2019-12-23 08:00:00.0"
    ],
    [
      false,
      600.45,
      0,
      "JetBeats",
      "2019-12-23 08:00:00.0"
    ],
    [
      false,
      946.89,
      0,
      "Logstash Airways"
    ]
  ]
}

```

```

    "Logstash Airways",
    "2019-12-23 08:00:00.0"
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  [
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    0,
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    0,
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    "2019-12-23 08:00:00.0"
  ],
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    0,
    "OpenSearch-Air",
    "2019-12-23 08:00:00.0"
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    765.05,
    0,
    "Logstash Airways",
    "2019-12-23 08:00:00.0"
  ],
  [
    false,
    775.12,
    0,
    "OpenSearch Dashboards Airlines",
    "2019-12-23 08:00:00.0"
  ],
  [
    false,
    172.38,
    0,
    "OpenSearch-Air",
    "2019-12-23 08:00:00.0"
  ],
  [
    false,
    913.17,
    0,
    "OpenSearch Dashboards Airlines",
    "2019-12-23 08:00:00.0"
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  [
    false,
    738.27,
    0,
    "Logstash Airways",
    "2019-12-23 08:00:00.0"
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    false,
    172.38,
    0,
    "OpenSearch-Air",
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  [
    false,
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    225,
    "OpenSearch Dashboards Airlines",
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  [
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    836.11,
    270,
    "OpenSearch-Air",
    "2019-12-23 08:00:00.0"
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    false,
    417.35,
    0,
    "JetBeats",
    "2019-12-23 08:00:00.0"
  ],
  [
    false,
    682,
    15,
    "OpenSearch Dashboards Airlines",
    "2019-12-23 08:00:00.0"
  ]

```

```

    ],
    [
      false,
      825.92,
      0,
      "JetBeats",
      "2019-12-23 08:00:00.0"
    ],
    [
      false,
      868.06,
      0,
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      "2019-12-23 08:00:00.0"
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      "name": "CANCELLED",
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    },
    {
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      "type": "[FLOAT, DOUBLE, REAL, DOUBLE PRECISION, DECFLOAT]"
    },
    {
      "name": "FLIGHTDELAYMIN",
      "type": "INTEGER"
    },
    {
      "name": "CARRIER",
      "type": "VARCHAR"
    },
    {
      "name": "TIMESTAMP",
      "type": "TIMESTAMP"
    }
  ]
},
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    0,
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    "2019-12-23 03:54:12"
  ],
  [
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    705.72,
    225,
    "OpenSearch Dashboards Airlines",
    "2019-12-23 09:41:52"
  ],
  [
    "false",
    836.11,
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  ],
  [
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    103.26,
    180,
    "Logstash Airways",
    "2019-12-23 19:52:54"
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    0,
    "Logstash Airways",
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  [

```

```

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    0,
    "OpenSearch-Air",
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  ],
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    0,
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    "2019-12-23 03:48:33"
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    0,
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    15,
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  ],
  [
    "false",
    825.92,
    0,
    "JetBeats",
    "2019-12-23 19:27:11"
  ],
  [
    "false",

```

```

        172.38,
        0,
        "OpenSearch-Air",
        "2019-12-23 19:34:51"
    ]
    },
    "database": "SQLite"
}
],
"id": 274,
"errors": "",
"sql": "SELECT Cancelled, AvgTicketPrice, FlightDelayMin, Carrier, timestamp FROM opensearch_dashboards_sample_data_flig
},
{
  "result": "Success",
  "id": 275,
  "sql": "SELECT `Cancelled`, `AvgTicketPrice` FROM opensearch_dashboards_sample_data_flights"
},
{
  "result": "Success",
  "id": 276,
  "sql": "SELECT ABS(DistanceMiles), (FlightDelayMin * 2) - 3 FROM opensearch_dashboards_sample_data_flights"
},
{
  "result": "Success",
  "id": 277,
  "sql": "SELECT abs(DistanceMiles), Abs(FlightDelayMin) FROM opensearch_dashboards_sample_data_flights"
},
{
  "result": "Success",
  "id": 278,
  "sql": "SELECT Cancelled AS Cancel, AvgTicketPrice AS ATP FROM opensearch_dashboards_sample_data_flights"
},
{
  "result": "Success",
  "id": 279,
  "sql": "SELECT Cancelled AS `Cancel` FROM opensearch_dashboards_sample_data_flights"
},
{
  "result": "Success",
  "id": 280,
  "sql": "SELECT opensearch_dashboards_sample_data_flights.AvgTicketPrice FROM opensearch_dashboards_sample_data_flights"
},
{
  "result": "Success",
  "id": 281,
  "sql": "SELECT flights.AvgTicketPrice, Carrier FROM opensearch_dashboards_sample_data_flights flights"
},
{
  "result": "Success",
  "id": 282,
  "sql": "SELECT flights.AvgTicketPrice, Carrier FROM opensearch_dashboards_sample_data_flights AS flights"
},
{
  "result": "Success",
  "id": 283,
  "sql": "SELECT opensearch_dashboards_sample_data_flights.AvgTicketPrice AS price FROM opensearch_dashboards_sample_data_
},
{
  "result": "Success",
  "id": 284,
  "sql": "SELECT flights.AvgTicketPrice AS price, Carrier AS car FROM opensearch_dashboards_sample_data_flights AS flights"
},
{
  "result": "Success",
  "id": 285,
  "sql": "SELECT `opensearch_dashboards_sample_data_flights`.`AvgTicketPrice` FROM opensearch_dashboards_sample_data_flig
},
{
  "result": "Success",
  "id": 286,
  "sql": "SELECT `flights`.`AvgTicketPrice`, `Carrier` FROM opensearch_dashboards_sample_data_flights AS flights WHERE `fl
},
{
  "result": "Success",
  "id": 287,
  "sql": "SELECT AvgTicketPrice, Carrier FROM opensearch_dashboards_sample_data_flights WHERE AvgTicketPrice <= 500"
},
{
  "result": "Success",
  "id": 288,
  "sql": "SELECT AvgTicketPrice, Carrier FROM opensearch_dashboards_sample_data_flights WHERE NOT AvgTicketPrice <= 500"
},
{
  "result": "Success",
  "id": 289,
  "sql": "SELECT AvgTicketPrice, Carrier FROM opensearch_dashboards_sample_data_flights WHERE AvgTicketPrice <= 500 AND Fl
},
{
  "result": "Success",
  "id": 290,
  "sql": "SELECT AvgTicketPrice, Carrier FROM opensearch_dashboards_sample_data_flights WHERE AvgTicketPrice <= 500 OR Fli

```

```

    },
    {
      "result": "Success",
      "id": 291,
      "sql": "SELECT AvgTicketPrice, Carrier FROM opensearch_dashboards_sample_data_flights WHERE AvgTicketPrice + 100 <= 500"
    },
    {
      "result": "Success",
      "id": 292,
      "sql": "SELECT AvgTicketPrice, Carrier FROM opensearch_dashboards_sample_data_flights WHERE ABS(AvgTicketPrice * -2) > 1"
    },
    {
      "result": "Success",
      "id": 293,
      "sql": "SELECT AvgTicketPrice, Carrier FROM opensearch_dashboards_sample_data_flights WHERE Carrier LIKE 'JetBeat_'"
    },
    {
      "result": "Success",
      "id": 294,
      "sql": "SELECT AvgTicketPrice, Carrier FROM opensearch_dashboards_sample_data_flights WHERE Carrier LIKE '%Air%'"
    },
    {
      "result": "Success",
      "id": 295,
      "sql": "SELECT ALL OriginWeather FROM opensearch_dashboards_sample_data_flights"
    },
    {
      "result": "Success",
      "id": 296,
      "sql": "SELECT DISTINCT OriginWeather FROM opensearch_dashboards_sample_data_flights"
    },
    {
      "result": "Success",
      "id": 297,
      "sql": "SELECT DISTINCT OriginWeather, FlightDelay FROM opensearch_dashboards_sample_data_flights"
    },
    {
      "result": "Success",
      "id": 298,
      "sql": "SELECT DISTINCT SUBSTRING(OriginWeather, 1, 1) AS origin FROM opensearch_dashboards_sample_data_flights"
    },
    {
      "result": "Success",
      "id": 299,
      "sql": "SELECT DISTINCT SUBSTRING(OriginWeather, 1, 1) AS origin, FlightDelay FROM opensearch_dashboards_sample_data_fli"
    },
    {
      "result": "Success",
      "id": 300,
      "sql": "SELECT COUNT(*) AS count FROM opensearch_dashboards_sample_data_flights"
    },
    {
      "result": "Success",
      "id": 301,
      "sql": "SELECT AvgTicketPrice, Carrier FROM opensearch_dashboards_sample_data_flights ORDER BY AvgTicketPrice LIMIT 10"
    },
    {
      "result": "Success",
      "id": 302,
      "sql": "SELECT AvgTicketPrice FROM opensearch_dashboards_sample_data_flights ORDER BY AvgTicketPrice LIMIT 100"
    },
    {
      "result": "Success",
      "id": 303,
      "sql": "SELECT AvgTicketPrice FROM opensearch_dashboards_sample_data_flights ORDER BY AvgTicketPrice LIMIT 0"
    },
    {
      "result": "Success",
      "id": 304,
      "sql": "SELECT AvgTicketPrice FROM opensearch_dashboards_sample_data_flights ORDER BY AvgTicketPrice LIMIT 10 OFFSET 5"
    },
    {
      "result": "Success",
      "id": 305,
      "sql": "SELECT AvgTicketPrice FROM opensearch_dashboards_sample_data_flights ORDER BY AvgTicketPrice LIMIT 10 OFFSET 100"
    },
    {
      "result": "Success",
      "id": 306,
      "sql": "SELECT AvgTicketPrice FROM opensearch_dashboards_sample_data_flights ORDER BY AvgTicketPrice LIMIT 1000 OFFSET 1"
    },
    {
      "result": "Success",
      "id": 307,
      "sql": "SELECT abs(AvgTicketPrice) FROM opensearch_dashboards_sample_data_flights ORDER BY abs(AvgTicketPrice) LIMIT 10,
    },
    {
      "result": "Success",
      "id": 308,
      "sql": "SELECT AvgTicketPrice - 1 FROM opensearch_dashboards_sample_data_flights ORDER BY AvgTicketPrice LIMIT 10, 10"
    }
  ]
} expected:<0> but was:<1>

```



```
at __randomizedtesting.SeedInfo.seed([FAE6A0113F682D1A:389303BD511B6965]:0)
at org.junit.Assert.fail(Assert.java:89)
at org.junit.Assert.failNotEquals(Assert.java:835)
at org.junit.Assert.assertEquals(Assert.java:647)
at org.opensearch.sql.sqlCorrectnessTestBase.verify(CorrectnessTestBase.java:83)
at org.opensearch.sql.sql.SQLCorrectnessIT.verifyQueries(SQLCorrectnessIT.java:60)
at org.opensearch.sql.sql.SQLCorrectnessIT.lambda$verifyQueries$2(SQLCorrectnessIT.java:47)
at java.base/java.util.stream.ForEachOps$ForEachOp$OfRef.accept(ForEachOps.java:183)
at java.base/java.util.stream.ReferencePipeline$2$1.accept(ReferencePipeline.java:177)
at java.base/java.util.stream.ReferencePipeline$3$1.accept(ReferencePipeline.java:195)
at java.base/java.util.Iterator.forEachRemaining(Iterator.java:133)
at java.base/java.util.Spliterators$IteratorSpliterator.forEachRemaining(Spliterators.java:1801)
at java.base/java.util.stream.AbstractPipeline.copyInto(AbstractPipeline.java:484)
at java.base/java.util.stream.AbstractPipeline.wrapAndCopyInto(AbstractPipeline.java:474)
at java.base/java.util.stream.ForEachOps$ForEachOp.evaluateSequential(ForEachOps.java:150)
at java.base/java.util.stream.ForEachOps$ForEachOp$OfRef.evaluateSequential(ForEachOps.java:173)
at java.base/java.util.stream.AbstractPipeline.evaluate(AbstractPipeline.java:234)
at java.base/java.util.stream.ReferencePipeline.forEach(ReferencePipeline.java:497)
at org.opensearch.sql.sql.SQLCorrectnessIT.verifyQueries(SQLCorrectnessIT.java:47)
at org.opensearch.sql.sql.SQLCorrectnessIT.runAllTests(SQLCorrectnessIT.java:34)
at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at java.base/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.base/java.lang.reflect.Method.invoke(Method.java:566)
at com.carrotsearch.randomizedtesting.RandomizedRunner.invoke(RandomizedRunner.java:1750)
at com.carrotsearch.randomizedtesting.RandomizedRunner$8.evaluate(RandomizedRunner.java:938)
at com.carrotsearch.randomizedtesting.RandomizedRunner$9.evaluate(RandomizedRunner.java:974)
at com.carrotsearch.randomizedtesting.RandomizedRunner$10.evaluate(RandomizedRunner.java:988)
at com.carrotsearch.randomizedtesting.rules.StatementAdapter.evaluate(StatementAdapter.java:36)
at org.junit.rules.RunRules.evaluate(RunRules.java:20)
at org.apache.lucene.tests.util.TestRuleSetupTeardownChained$1.evaluate(TestRuleSetupTeardownChained.java:44)
at org.apache.lucene.tests.util.AbstractBeforeAfterRule$1.evaluate(AbstractBeforeAfterRule.java:43)
at org.apache.lucene.tests.util.TestRuleThreadAndTestName$1.evaluate(TestRuleThreadAndTestName.java:45)
at org.apache.lucene.tests.util.TestRuleIgnoreAfterMaxFailures$1.evaluate(TestRuleIgnoreAfterMaxFailures.java:60)
at org.apache.lucene.tests.util.TestRuleMarkFailure$1.evaluate(TestRuleMarkFailure.java:44)
at org.junit.rules.RunRules.evaluate(RunRules.java:20)
at com.carrotsearch.randomizedtesting.rules.StatementAdapter.evaluate(StatementAdapter.java:36)
at com.carrotsearch.randomizedtesting.ThreadLeakControl$StatementRunner.run(ThreadLeakControl.java:368)
at com.carrotsearch.randomizedtesting.ThreadLeakControl.forkTimeoutingTask(ThreadLeakControl.java:817)
at com.carrotsearch.randomizedtesting.ThreadLeakControl$3.evaluate(ThreadLeakControl.java:468)
at com.carrotsearch.randomizedtesting.RandomizedRunner.runSingleTest(RandomizedRunner.java:947)
at com.carrotsearch.randomizedtesting.RandomizedRunner$5.evaluate(RandomizedRunner.java:832)
at com.carrotsearch.randomizedtesting.RandomizedRunner$6.evaluate(RandomizedRunner.java:883)
at com.carrotsearch.randomizedtesting.RandomizedRunner$7.evaluate(RandomizedRunner.java:894)
at org.apache.lucene.tests.util.AbstractBeforeAfterRule$1.evaluate(AbstractBeforeAfterRule.java:43)
at com.carrotsearch.randomizedtesting.rules.StatementAdapter.evaluate(StatementAdapter.java:36)
at org.apache.lucene.tests.util.TestRuleStoreClassName$1.evaluate(TestRuleStoreClassName.java:38)
at com.carrotsearch.randomizedtesting.rules.NoShadowingOrOverridesOnMethodsRule$1.evaluate(NoShadowingOrOverridesOnMethodsRule$1.evaluate(NoShadowingOrOverridesOnMethodsRule$1.evaluate(StatementAdapter.java:36)
at com.carrotsearch.randomizedtesting.rules.NoShadowingOrOverridesOnMethodsRule$1.evaluate(NoShadowingOrOverridesOnMethodsRule$1.evaluate(StatementAdapter.java:36)
at com.carrotsearch.randomizedtesting.rules.StatementAdapter.evaluate(StatementAdapter.java:36)
at org.apache.lucene.tests.util.TestRuleAssertionsRequired$1.evaluate(TestRuleAssertionsRequired.java:53)
at org.apache.lucene.tests.util.AbstractBeforeAfterRule$1.evaluate(AbstractBeforeAfterRule.java:43)
at org.apache.lucene.tests.util.TestRuleMarkFailure$1.evaluate(TestRuleMarkFailure.java:44)
at org.apache.lucene.tests.util.TestRuleIgnoreAfterMaxFailures$1.evaluate(TestRuleIgnoreAfterMaxFailures.java:60)
at org.apache.lucene.tests.util.TestRuleIgnoreTestSuites$1.evaluate(TestRuleIgnoreTestSuites.java:47)
at org.junit.rules.RunRules.evaluate(RunRules.java:20)
at com.carrotsearch.randomizedtesting.rules.StatementAdapter.evaluate(StatementAdapter.java:36)
at com.carrotsearch.randomizedtesting.ThreadLeakControl$StatementRunner.run(ThreadLeakControl.java:368)
at java.base/java.lang.Thread.run(Thread.java:829)
```

Wrap lines Generated by [Gradle 7.4.2](#) at Nov 16, 2022, 8:01:41 PM