testcase24_snowflake_snowflake_etljob

null comparison

1. Run Summary

Application Name	:etl_pipeline_goldlayer
Protocol Name	:DATFDemo
Protocol File Path	:datf_core//test/testprotocol/testselection_template.xlsx
Testcase Name	:testcase24_snowflake_snowflake_etljob
Testcase Type	:null
Test Environment	:SIT
Start Time	:16-Feb-2025 15:49:44 UTC
End Time	:16-Feb-2025 15:52:22 UTC
Run Time	:0:02:37
Test Result	:Failed
Reason	:Nulls are not matching for each column

2. Configuration Details

Compare Type	:likeobjectcompare
testquerygenerationmode	:Auto
Testcase Type	:null
Source Connection Name	:raw_snowflake_sql_connection
Source Connection Type	:snowflake
Source Connection Value	:raw_snowflake_sql_connection
Source Format	:table
Source Name	:SAMPLE_SRC_PATIENTS
Source Exclude Columns	:BIRTHDATE,DEATHDATE
Target Connection Name	:raw_snowflake_sql_connection
Target Connection Type	:snowflake
Target Connection Value	:raw_snowflake_sql_connection
Target Format	:table
Target Name	:SAMPLE_TGT_PATIENTS
Target Exclude Columns	:BIRTHDATE,DEATHDATE
Primary Keys	:ID

3. Null Summary

Test Result	:Failed
No of column has null in source	:7
No of column has null in target	:9
No of columns has null count match	:3
No of columns has null count mismatch	:6

4. SQL Queries

4.1 Source Query

SELECT
ADDRESS,BIRTHPLACE,CITY,COUNTY,DRIVERS,ETHNICITY,FIRST,GENDER,HEALTHCARE_COVERAGE,HEALT
HCARE_EXPENSES,ID,LAST,LAT,LON,MAIDEN,MARITAL,PASSPORT,PREFIX,RACE,SSN,STATE,SUFFIX,ZIP
FROM SAMPLE_SRC_PATIENTS

4.2 Target Query

SELECT
ADDRESS,BIRTHPLACE,CITY,COUNTY,DRIVERS,ETHNICITY,FIRST,GENDER,HEALTHCARE_COVERAGE,HEALT
HCARE_EXPENSES,ID,LAST,LAT,LON,MAIDEN,MARITAL,PASSPORT,PREFIX,RACE,SSN,STATE,SUFFIX,ZIP
FROM SAMPLE_TGT_PATIENTS

5. Columns having nulls at source and target

5.1 Columns having nulls in source

S.No	Column	Count
1	DRIVERS	213

2	MAIDEN	840
3	MARITAL	380
4	PASSPORT	273
5	PREFIX	244
6	SUFFIX	1159
7	ZIP	543

5.2 Columns having nulls in target

S.No	Column	Count
1	DRIVERS	213
2	ETHNICITY	6
3	MAIDEN	839
4	MARITAL	381
5	PASSPORT	273
6	PREFIX	244
7	RACE	5
8	SUFFIX	1157
9	ZIP	541

5.3 Columns having null count mismatch between source and target

S.No	Source Column Name	Src Null Count	Target Column Name	Tgt Null Count
1	ETHNICITY	0	ETHNICITY	6
2	MAIDEN	840	MAIDEN	839
3	MARITAL	380	MARITAL	381
4	RACE	0	RACE	5
5	SUFFIX	1159	SUFFIX	1157
6	ZIP	543	ZIP	541

testcase31_snowflake_parquet_validation

null comparison

1. Run Summary

Application Name   :etl_pipeline_goldlayer
Protocol Name   :DATFDemo
Protocol File Path   :datf_core//test/testprotocol/testselection_template.xlsx
Testcase Name   :testcase31_snowflake_parquet_validation
Testcase Type   :null
Test Environment   :SIT
Start Time   :16-Feb-2025 15:52:31 UTC
End Time   :16-Feb-2025 15:53:06 UTC
Run Time   :0:00:34
Test Result   :Failed
Reason   :Nulls are not matching for each column

2. Configuration Details

Compare Type   :likeobjectcompare
testquerygenerationmode   :Auto
Testcase Type   :null
Source Connection Name   :raw_snowflake_sql_connection
Source Connection Type   :snowflake
Source Connection Value   :raw_snowflake_sql_connection
Source Format   :table
Source Name   :rtpcr_diagnostic_lab_testing
Target Connection Type   :aws-s3
Target Format   :parquet
Target Name   :patients_target_parquet_mismatch
Target Path   :test/data/target
S2T Path   :test/s2t/s2t_31_snowflake_parquet_val.xlsx
Primary Keys   :id,state

3. Null Summary

Test Result   :Failed
No of column has null in source   :0
No of column has null in target   :8
No of columns has null count match   :0
No of columns has null count mismatch :2

4. SQL Queries
4.1 Source Query

SELECT
DATE,FEMA_REGION,NEW_RESULTS_REPORTED,OVERALL_OUTCOME,STATE,STATE_FIPS,STATE_NAME,TOTAL_RESULTS_REPORTED FROM rtpcr_diagnostic_lab_testing

4.2 Target Query

SELECT
ADDRESS,BIRTHDATE,BIRTHPLACE,CITY,COUNTY,DEATHDATE,DRIVERS,ETHNICITY,FIRST,GENDER,HEALTHCARE_COVERAGE,HEALTHCARE_EXPENSES,LAST,LAT,LON,MAIDEN,MARITAL,PASSPORT,PREFIX,RACE,SSN,STATE,SUFFIX,ZIP,id FROM rtpcr_target

5. Columns having nulls at source and target
5.1 Columns having nulls in source

S.No	Column	Count

5.2 Columns having nulls in target

S.No	Column	Count
1	DEATHDATE	998
2	DRIVERS	213
3	MAIDEN	838
4	MARITAL	380
5	PASSPORT	273
6	PREFIX	244
7	SUFFIX	1157
8	ZIP	543

5.3 Columns having null count mismatch between source and target

S.No	Source Column Name	Src Null Count	Target Column Name	Tgt Null Count
1	STATE_FIPS	0	DEATHDATE	998
2	STATE_NAME	0	DRIVERS	213