

## testcase24\_snowflake\_snowflake\_etljob fingerprint 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      | : fingerprint  |
| Test Environment   | : SIT  |
| Start Time         | : 24-Mar-2025 08:09:34 UTC   |
| End Time           | : 24-Mar-2025 08:10:59 UTC   |
| Run Time           | : 0:01:24  |
| Test Result        | : <b>Failed</b>  |
| Reason             | : One or more fingerprint mismatched. Please check detail report for more info |

### 2. Configuration Details

|                         |                                |
|-------------------------|--------------------------------|
| Compare Type            | : likeobjectcompare            |
| testquerygenerationmode | : Auto                         |
| Testcase Type           | : fingerprint                  |
| 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. Fingerprint Summary

|                        |                 |
|------------------------|-----------------|
| Test Result            | : <b>Failed</b> |
| No. of KPIs in Source  | : 8             |
| No. of KPIs in Target  | : 8             |
| No. of KPIs matched    | : 4             |
| No. of KPIs mismatched | : 4             |

### 4. SQL Queries

#### 4.1 Source Query

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

### 5. Fingerprint Comparison Report

#### 5.1. KPI (1) - Row Count

|                  |        |
|------------------|--------|
| Source Row Count | : 1171 |
|------------------|--------|

Target Row Count : 1169  
KPI Status : **Failed**  
Reason : Source and Target row count is not matching

## 5.2. KPI (2) - Column Count

Source Column Count : 23  
Target Column Count : 23  
KPI Status : Passed  
Reason : Source column count and target column count is matching

## 5.3. KPI (3) - Column Level Null Check

List of Columns has null in source : [('DRIVERS', 213), ('MAIDEN', 840), ('MARITAL', 380), ('PASSPORT', 273), ('PREFIX', 244), ('SUFFIX', 1159), ('ZIP', 543)]  
List of Columns has null in target : [('DRIVERS', 213), ('ETHNICITY', 6), ('MAIDEN', 839), ('MARITAL', 381), ('PASSPORT', 273), ('PREFIX', 244), ('RACE', 5), ('SUFFIX', 1157), ('ZIP', 541)]  
KPI Status : **Failed**  
Reason : Source or/and Target has nulls in some columns

## 5.4. KPI (4) - Row Level Null Check

No of null rows in source : 0  
No of null rows in target : 0  
KPI Status : Passed  
Reason : No rows are null

## 5.5. KPI (5) - Column Level empty Check

List of Columns has empty in source : []  
List of Columns has empty in target : []  
KPI Status : Passed  
Reason : Source or/and Target has no empty values in any columns

## 5.6. KPI (6) - Row Level Duplicate Check

No of duplicate rows in source : 2  
No of duplicate rows in target : 0  
KPI Status : **Failed**  
Reason : One or more rows are duplicated

## 5.7. KPI (7) Primary Key Duplicate Check

Test Result : Passed  
No. of rows in Source : 1,171  
No. of distinct rows in Source : 1,171  
No. of duplicate rows in Source : 0  
No. of rows in Target : 1,169  
No. of distinct rows in Target : 1,169  
No. of duplicate rows in Target : 0

### 5.7.1 Primary Key Duplicate Check - Source

None

### 5.7.2 Primary Key Duplicate Check - Target

None

## 5.8. KPI (8) - CheckSum Row Level

KPI Status : **Failed**  
Reason : Data is not matching between source and target

### 5.8.1 Addition Rows in Source

| S.No | hashval                          |
|------|----------------------------------|
| 1    | 7e3f3f053d165bd9e3b723ca3a6c52bf |
| 2    | 7a8878182e3991600b2b37ac2acb672f |

|   |                                  |
|---|----------------------------------|
| 3 | 5e7e99aa534091c5dafd5b41cda8f160 |
| 4 | 11fa740b8d8037f57e3c896f40dee204 |
| 5 | cbabedf5c27a6279044d478f26f5f57b |
| 6 | 6b45757eec1d087ac06185c793d68371 |
| 7 | 1e5d1e32220da0b029f5a51bb5b3d260 |
| 8 | fc422acbf4bbf756efa9c4a7d5efd531 |

5.8.2 Addition Rows in Target

| S.No | hashval                          |
|------|----------------------------------|
| 1    | 377d222ca46586d59deb2be14019625b |
| 2    | 2be47e8f6945faa5ea9240db0687d5fb |
| 3    | d20eeb8997754dd0136e6bb6aa1d2f7a |
| 4    | e713c0ffa6298a6183fc852729d94339 |
| 5    | 9a65c078ff42113dfc415b0bc9ea2f84 |
| 6    | 6240599f8545d36a78876dfe1cb26ebb |
| 7    | 0a29433413c47a069417529c48ed2a4e |
| 8    | a037ca341493b2611a7865b94fce6fb0 |