# testcase1_parquet_parquet_mismatch
# schema comparison

## 1. Run Summary

| | |
|---|---|
| Application Name | :etl_pipeline_goldlayer |
| Protocol Name | :DATFDemo |
| Protocol File Path | :/Workspace/Shared/QE_ATF_Enhanced_03/datf_core/test/testprotocol/traversedtestprotocol_schema_loman.xlsx |
| Testcase Name | :testcase1_parquet_parquet_mismatch |
| Testcase Type | :schema |
| Test Environment | :SIT |
| Start Time | :10-Apr-2025 07:49:24 UTC |
| End Time | :10-Apr-2025 07:52:41 UTC |
| Run Time | :0:03:16 |
| Test Result | :Failed |
| Reason | :Content mismatched |

## 2. Configuration Details

| | |
|---|---|
| Compare Type | :s2tcompare |
| testquerygenerationmode | :Auto |
| Testcase Type | :schema |
| Source Connection Type | :aws-s3 |
| Source Format | :parquet |
| Source Path | :file:/Workspace/Shared/QE_ATF_Enhanced_03/datf_core/test/data/source/patients_source_parquet |
| Target Connection Type | :aws-s3 |
| Target Format | :parquet |
| Target Path | :file:/Workspace/Shared/QE_ATF_Enhanced_03/datf_core/test/data/target/patients_target_parquet_mismatch |
| S2T Path | :test/s2t/s2t_1_parquet_parquet_mismatch.xlsx |
| Primary Keys | :id |

## 3. Schema Summary

| | |
|---|---|
| Test Result | :Failed |
| No. of matched columns | :12 |
| No. of columns compared | :10 |
| No. of cols in Source but not in Target | :0 |
| No. of cols in Target but not in Source | :0 |
| No. of rows in Source | :50 |
| No. of distinct rows in Source | :50 |
| No. of duplicate rows in Source | :0 |
| No. of rows in Target | :50 |
| No. of distinct rows in Target | :25 |
| No. of duplicate rows in Target | :25 |
| No. of matched rows | :0 |
| No. of mismatched rows | :25 |
| No. of rows in Source but not in Target | :25 |
| No. of rows in Target but not in Source | :0 |

## 4. SQL Queries
### 4.1 Source Query

select * from s2tmappingsheet.schema where tabletype in ('source','target')

### 4.2 Target Query

DESCRIBE parquetview union DESCRIBE parquetview

## 5. Sample Mismatches 5 rows
### 5.1 Keys in source but not in target

| S.No | Key Columns |
|------|-------------|
| 1 | tabletype=source, columnname= id |
| 2 | tabletype=source, columnname= LAST |
| 3 | tabletype=source, columnname= COUNTY |
| 4 | tabletype=source, columnname= RACE |
| 5 | tabletype=source, columnname= ETHNICITY |

## 5.2 Keys in target but not in source

None

## 5.3 Keys having one or more unequal column values

| S.No | Key Columns |
|------|-------------|
| 1 | tabletype=target, columnname= ADDRESS |
| 2 | tabletype=target, columnname= BIRTHDATE |
| 3 | tabletype=target, columnname= BIRTHPLACE |
| 4 | tabletype=target, columnname= CITY |
| 5 | tabletype=target, columnname= COUNTY |

## 6. Columnwise Mismatch Summary

No. of rows in Source                    :50
No. of rows in Target                    :50

| S.No | Source Column Name | Target Column Name | Rows in Source | Rows in Target | Rows with Common Keys | Rows Matched | Rows Mismatch |
|------|--------------------|--------------------|----------------|----------------|-----------------------|--------------|---------------|
| 1 | tablename | tablename | 50 | 50 | 0 | 0 | 25 |
| 2 | columnindex | columnindex | 50 | 50 | 0 | 0 | 25 |
| 3 | datatype | datatype | 50 | 50 | 0 | 23 | 2 |
| 4 | primarykey | primarykey | 50 | 50 | 0 | 24 | 1 |

## 7. Columnwise Mismatch Details

### 7.1 tablename

| S.No | Key Columns | Source value | Target value |
|------|-------------|--------------|--------------|
| 1 | tabletype=target, columnname= COUNTY | targetdata | dataview |
| 2 | tabletype=target, columnname= MAIDEN | targetdata | dataview |
| 3 | tabletype=target, columnname= CITY | targetdata | dataview |
| 4 | tabletype=target, columnname= LAST | targetdata | dataview |
| 5 | tabletype=target, columnname= LON | targetdata | dataview |

### 7.2 columnindex

| S.No | Key Columns | Source value | Target value |
|------|-------------|--------------|--------------|
| 1 | tabletype=target, columnname= COUNTY | 20 | |
| 2 | tabletype=target, columnname= CITY | 18 | |
| 3 | tabletype=target, columnname= MAIDEN | 11 | |
| 4 | tabletype=target, columnname= LAST | 9 | |
| 5 | tabletype=target, columnname= LON | 23 | |

### 7.3 datatype

| S.No | Key Columns | Source value | Target value |
|------|-------------|--------------|--------------|

| | | | |
|---|---|---|---|
| 1 | tabletype=target, columnname= DEATHDATE | datetime | date |
| 2 | tabletype=target, columnname= BIRTHDATE | datetime | date |

## 7.4 primarykey

| S.No | Key Columns | Source value | Target value |
|---|---|---|---|
| 1 | tabletype=target, columnname= id | Y | |