1.initial\_margin\_eod

CREATE TABLE initial\_margin\_eod (

id NUMBER GENERATED BY DEFAULT AS IDENTITY PRIMARY KEY,

agreement\_name VARCHAR2(255),

transformed\_key VARCHAR2(255)

);

- agreement\_name is from the CSV.

- transformed\_key is created by replacing:

* \_RIMR with 3CR
* \_RIMP with 3CP

2. staralgonew

CREATE TABLE staralgonew (

id NUMBER GENERATED BY DEFAULT AS IDENTITY PRIMARY KEY,

crds\_party\_code VARCHAR2(100),

post\_direction VARCHAR2(50),

combined\_key VARCHAR2(255)

);

- crds\_party\_code and post\_direction are from the CSV.

- combined\_key is formed as:

* crds\_party\_code || '3' || post\_direction

3. matched\_results

CREATE TABLE matched\_results (

id NUMBER GENERATED BY DEFAULT AS IDENTITY PRIMARY KEY,

agreement\_name VARCHAR2(255),

crds\_party\_code VARCHAR2(100),

post\_direction VARCHAR2(50),

match\_timestamp TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

4. mismatched\_results

CREATE TABLE mismatched\_results (

id NUMBER GENERATED BY DEFAULT AS IDENTITY PRIMARY KEY,

source\_file VARCHAR2(100),

key\_value VARCHAR2(255),

reason VARCHAR2(255),

mismatch\_timestamp TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

**1. Transform agreement\_name in initial\_margin\_eod**

To replace substrings:

SELECT

REPLACE(REPLACE(agreement\_name, '\_RIMR', '3CR'), '\_RIMP', '3CP') AS transformed\_key

FROM initial\_margin\_eod;

**2. Create the combined\_key in staralgonew**

To concatenate crds\_party\_code, '3', and post\_direction:

SELECT

crds\_party\_code || '3' || post\_direction AS combined\_key

FROM staralgonew;

**1. source\_file**

* **What it holds:** The name of the source CSV file where the unmatched record came from.
* **Example Values:**
  + 'Initial\_Margin\_EOD\_20250307.csv'
  + 'STARALGONEW\_3428\_20250307\_1.csv'

**2. key\_value**

* **What it holds:** The key used for matching, based on the logic:
  + From initial\_margin\_eod: transformed agreement\_name
    - e.g., 'ABC3CRXYZ' (after replacing \_RIMR with 3CR)
  + From staralgonew: concatenated value crds\_party\_code || '3' || post\_direction
    - e.g., '123453SELL'

This helps trace **what value failed to match**.

**3. reason**

* **What it holds:** A short explanation of why it was considered a mismatch.
* **Example Values:**
  + 'No matching key found in STARALGONEW'
  + 'No matching key found in Initial\_Margin\_EOD'

You can customize it further if needed, like:

* 'Post direction mismatch'
* 'Invalid CRDS Party Code' — if you want to validate content too.

**Example Row**

sql

CopyEdit

| ID | source\_file | key\_value | reason | mismatch\_timestamp |

|----|----------------------------------|-------------|-----------------------------------|--------------------------|

| 1 | Initial\_Margin\_EOD\_20250307.csv | ABC3CPXYZ | No matching k

DEL THE STAGING TABLE, cd C:\OracleLoadFiles