Unable to Load CSV with duplicate columns

Last updated by | Veena Pachauri | Mar 8, 2023 at 11:22 PM PST

Contents

Issue

Customer getting below exception:

```
{
  "errorCode": "2200",
  "message": "ErrorCode=UserErrorInvalidColumnMappingColumnNotFound,'Type=Microsoft.DataTransfer.Common.Shared.HybridDeliveryException,Message=Column 'EmpID0'
  "failureType": "UserError",
  "target": "Copy data1",
  "details": []
}
```

Symptoms

When user trying to upload a CSV file to the database using copy-activity, The CSV data has some columns duplicated and used don't have control over the column names.
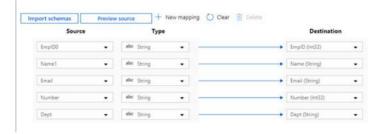
In copy activity, user set the source dataset as the CSV file (delimited text dataset) and sink dataset as Azure SQLDB table with all columns NVARCHAR(MAX) type.

When user import schema in source dataset, it sources them with the column number prefix (for the duplicated ones). For eg, if Column EmpID features twice, on position 0 and 6, then it shows as **'EmpID0'** and **'EmpID6'**.

Example: Below Screenshot explains

When using this schema and user manually mapping the columns to the schema in the Azure Table, it seems fine. For eg, **'EmpID0'** map column to column **'EmpID'** in the Azure Table.

But, when user run it, ADF throws a below error

```
{
  "errorCode": "2200",
  "message": "ErrorCode=UserErrorInvalidColumnMappingColumnNotFound,'Type=Microsoft.DataTransfer.Common.Shared.HybridDeliveryException,Message=Column 'EmpID0'
  "failureType": "UserError",
  "target": "Copy data1",
  "details": []
}
```
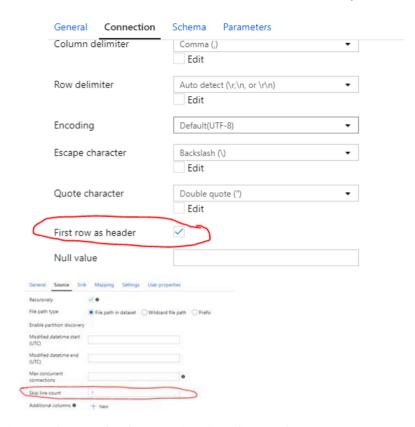
Cause

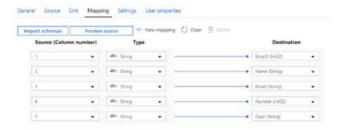Source dataset CSV have duplicate column names

Resolution

CSS tried again using sample of data with the help of below ICM, CSS able to copy data successfully even if data have duplicate columns names

If data have duplicate column names, user can follow the below steps to copy.

1. User has to uncheck "First row as header" in source dataset. and set "Skip line count" as 1 in copy source

2. In mapping page, do column mapping using column number.

Additional Information:

- **Icm References:** Icm Link ⧉

How good have you found this content?