Copy data failing when using bulk insert with column mapping

Last updated by | Veena Pachauri | Mar 8, 2023 at 11:32 PM PST

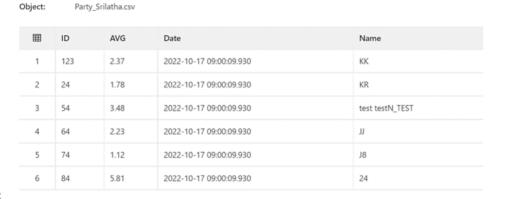
Contents

- Issue
- Troubleshooting
- Recommended Solution

Issue

When we perform a **Bulk insert operation** in copy data activity, if we perform a column mapping by interchanging columns at the sink side the data ingestion activity is getting failed

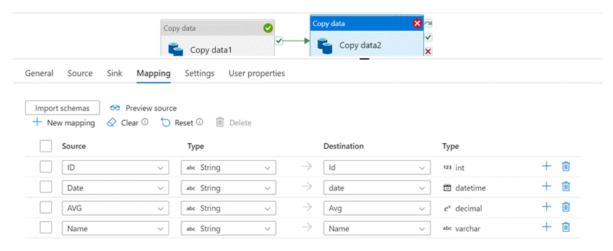
Troubleshooting



Here is how the source csv dataset looks like:

If we try to interchange **AVG** and **DATE** column in SQL query to create the table at synapse as shown below. There after try to perform a copy data execution without import schema in copy data activity. Copy activity will fail with the below error message.

create table dbo.TestColumn(Id int, date DATETIME, Avg Decimal (18,2), Name varchar(50))

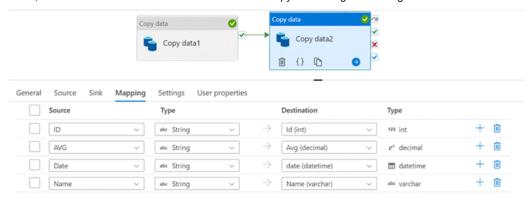


Error Message:

Failure happened on 'Sink' side. ErrorCode=UserErrorInvalidDataValue, 'Type=Microsoft.DataTransfer.Common.Shared.HybridDeliveryException,Message=Column 'date' contains an invalid value '2.37'.,Source=Microsoft.DataTransfer.ServiceLibrary,''Type=System.ArgumentException,Message=String was not recognized as a valid DateTime.Couldn't store <2.37' in date Column. Expected type is DateTime.,Source=System.Data,''Type=System.FormatException,Message=String was not recognized as a valid DateTime.,Source=mscorlib,'

1

When we again rearrange source and sink dataset schema as per the source dataset schema. The pipeline gets succeeded, as we can see in below screenshot.



Recommended Solution

- Please try to recreate the **pipeline** as well as the **source and sink datasets**, so that copy activity runs in the latest behavior (mapping columns by name).
- Latest behavior is to map columns by name, so that the right source columns could be written into the sink side correctly irrespective of columns order.

Additional Information:

AVA: 2210200040004248Contributor: pavanreddy

• Author: kbanil

• Keywords: Bulk Insert, Column Mapping

How good have you found this content?



