[AzureSqlDatabase] - Data with decimal type becomes null

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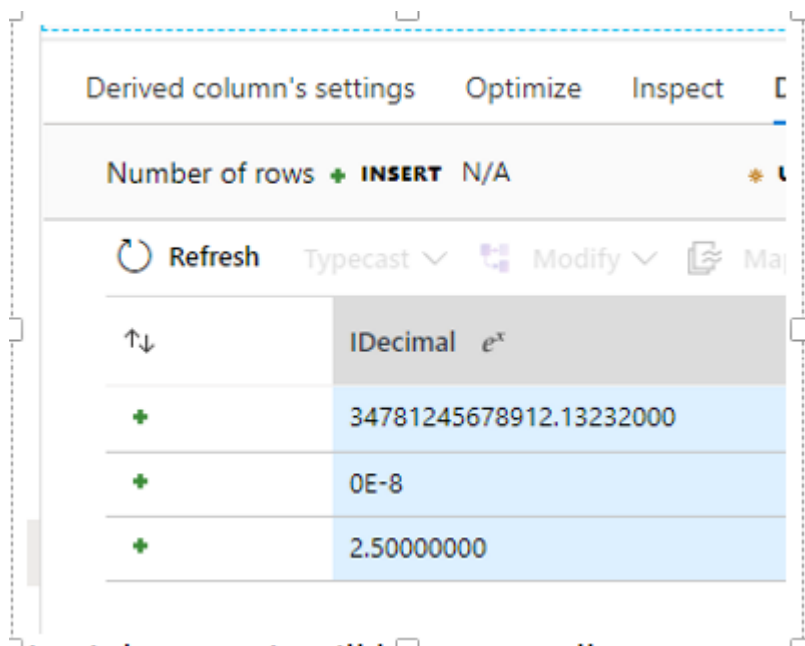
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Issue

The customer wants to insert data into a table in SQL database. If the data contains decimal type and need to be inserted into a column with decimal type in SQL database, the data value may be change to null.

If do preview, in previous stages, it will show the value,

In sink stage, it will become null.

Root Cause

Decimal type has scale and precision properties, if customer's data type doesn't match what in sink table, our system will validate that the target decimal is wider than the original decimal, and the original value does not overflows in target decimal. If not, the value will be cast to null.

Resolution

1. Check and compare the decimal type between data and table in SQL database, alter the scale and precision to the same.

2. Customer can use toDecimal(IDecimal, scale, precision) to figure out if the original data can be cast to target scale and precision. If it returns null, it means the data cannot be casted and further when inserted, it will become null.

Additional Information:

- Icm Reference: N/A
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- Keywords: