[Excel] - Data preview has data-misalignment or no-data in different transformation after excel source
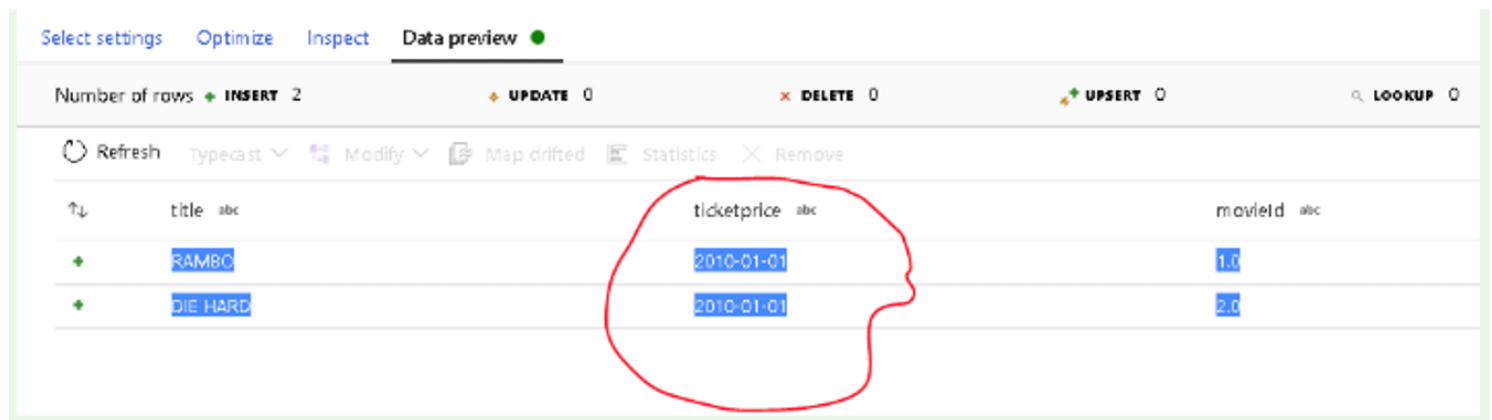
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Contents

- Issue
- Root Cause
- Resolution
- Additional Information:

Issue

When customer has dataflow preview data under different transformation (filter, select, aggregate...) after excel source with partial schema (columns), it will has data misalignment or no-data, for example, the column in red is showing wrong data which is belong to column "releaseDate".

Root Cause

For dataflow activity debug run (preview data under different transformations), it will use transformations' (select, filter, aggregate...) schema to read excel source data, not the full schema of source itself, backend runtime does not honor the position of partial schema columns in source file and give wrong data response, that's why the customer meet data misalignment issue.

Resolution

This case only happen in preview-data in different transformations after excel source, so customer can use following ways to work around it:

Solution-1: Ignore the wrong data in transformation's data preview and have dataflow pipeline debug/trigger run directly.

Note: For dataflow pipeline debug/trigger run, it executes source + different transformations (select, filter, aggregate...) one by one based on the schema on itself, so it can work well.

Solution-2: Convert excel into other data store/format, then finish the remaning transformation, for example:

- Use dataflow move data from excel file into CSV

- Use different transformation (select, filter...) to operate up generated CSV file before writing dat

Note: Related bug fix is already done and wait for current deployment to take effective on all dataflow product regions.

Additional Information:

- Icm Reference: N/A
- Author: Zhangyi Yu
- Reviewer: Zhangyi Yu; Shawn Xiao
- Keywords:

How good have you found this content?