

[Snowflake] Snowflake exporting data could not well handle null value

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Issue & Symptoms

Customer use Snowflake connector do copy with staging enabled, but failed with error like "Column 'XXX' contains an invalid value ". Cannot convert " to type 'XXX'"

Cause

The first stage Snowflake -> staging blob will export all the null value as empty string because we will use csv format as staging format, so at the second stage staging blob->sink we will failed to convert the empty string type to correct sink type.

Resolution

Do manual staging with parquet format by using 2 copy activities to resolve this issue:

1. Snowflake -> staging blob as sink(with parquet format)
2. staging blob with staging data -> Sink.