[AzureSqlDatabase] - Syntax error when using query as input

Last updated by | Jackie Huang | Jan 4, 2022 at 12:24 AM PST
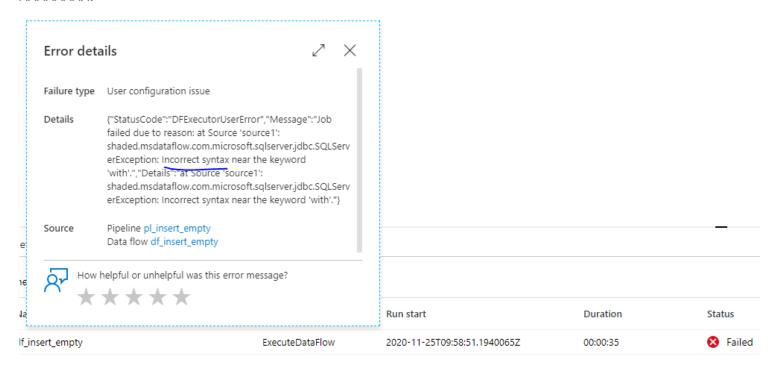
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Issue

When use query as input in dataflow source with AzureSQL, if it fail with following error message:

at Source 'source1': shaded.msdataflow.com.microsoft.sqlserver.jdbc.SQLServerException: Incorrect syntax XXXXXXXX.

Root Cause

Query used in dataflow source should be able to run as a subquery, the reason of the failure is either the query syntax is incorrect or it can't be run as a subquery. We can suggest customer to run following query in SSMS to verify:

*SELECT top(0) * from ($customerQuery) as T_TEMP*

Resolution

- Ask customer to provide a correct query and test it in SSMS first