**✅ Option 1: Use program\_name via sys.dm\_exec\_sessions**

Run this query **while Tableau Cloud is connected** and issuing queries:

sql

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SELECT

session\_id,

login\_name,

host\_name,

program\_name,

client\_interface\_name,

suser\_sname() AS login\_used,

app\_name() AS app\_name

FROM sys.dm\_exec\_sessions

WHERE is\_user\_process = 1

ORDER BY login\_name;

Check the value of program\_name and APP\_NAME() for Tableau Cloud sessions.

**In most real-world Tableau Cloud setups**, the program\_name is usually one of:

* "Tableau"
* "tabprotosrv"
* "Tableau Server"
* or left as ".Net SqlClient Data Provider" (generic ADO.NET client)

**✅ Option 2: Use login-based classification (recommended for Tableau Cloud)**

Because Tableau Cloud uses **ODBC or ADO.NET clients** under the hood and APP\_NAME() may not be reliable or even passed, it's **best to use SQL login name** in your classifier:

sql

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-- Example robust classifier using SUSER\_SNAME()

CREATE FUNCTION dbo.TableauClassifier()

RETURNS sysname

WITH SCHEMABINDING

AS

BEGIN

DECLARE @group\_name SYSNAME;

-- Replace with your actual login used by Tableau Cloud

IF SUSER\_SNAME() = 'tableau\_cloud\_user'

SET @group\_name = 'TableauGroup';

ELSE

SET @group\_name = 'default';

RETURN @group\_name;

END;

This method **always works**, even if Tableau Cloud uses generic program names or proxies connections via internal Tableau services.

**✅ Optional: Capture Unknown Tableau Cloud App Names**

If you’re unsure which app name Tableau Cloud uses, set up a query like this:

sql

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-- Run periodically to capture unique app/login combinations

SELECT DISTINCT

login\_name,

program\_name,

host\_name,

client\_interface\_name,

SUSER\_SNAME() AS login\_used

FROM sys.dm\_exec\_sessions

WHERE login\_name LIKE '%tableau%' -- or your known Tableau login

ORDER BY program\_name;

Log the output and use it to refine your classifier.