



DFMI

Defense Financial
Management Institute



HUNTSVILLE, AL • FEBRUARY 24-25, 2026

Data to Decisions: Driving Innovation with ADVANA & Power BI

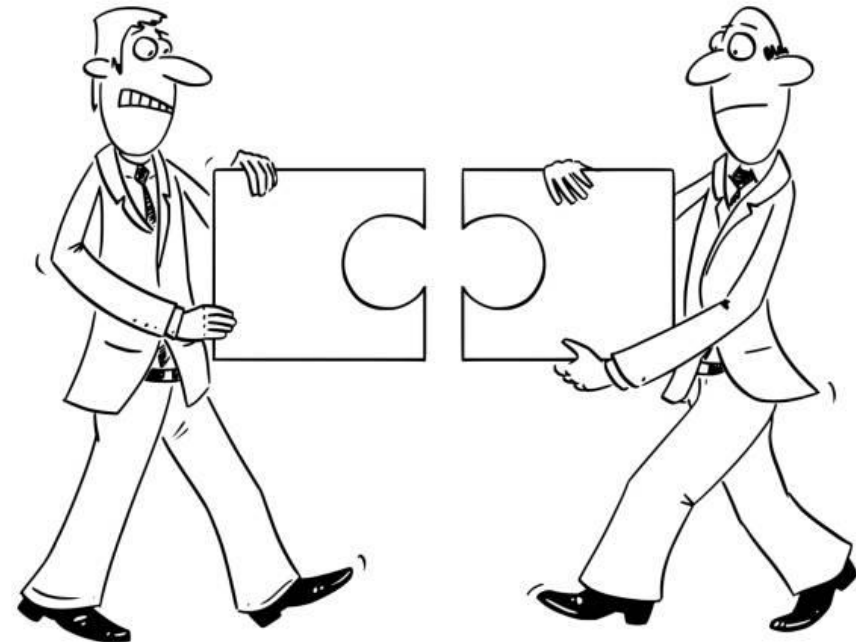
February 25, 2026

Presented by
Harlee Scordo, Jackie Elfe

The Problem

- The Data exists 
- The Tools exist 

- The connection is unclear 

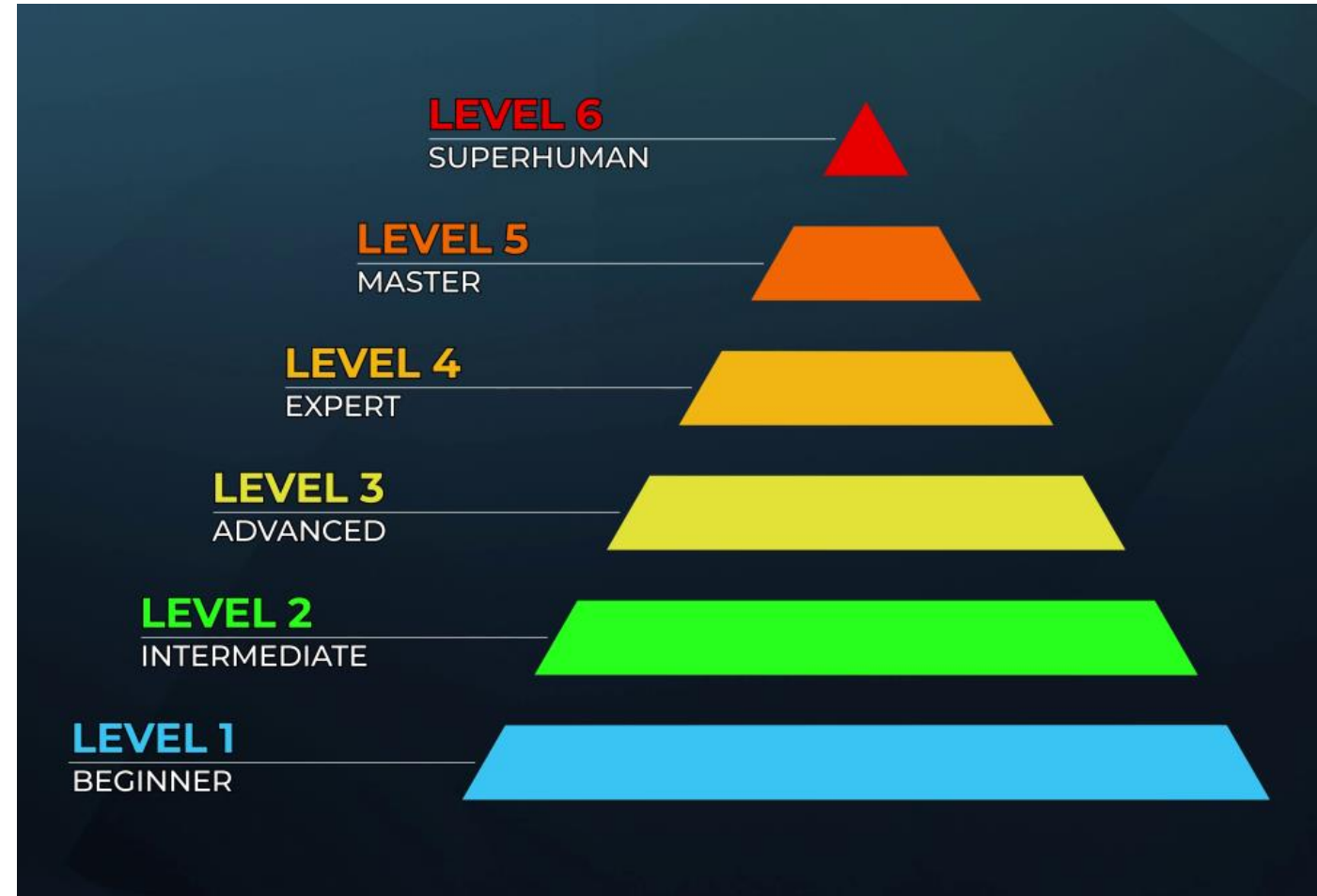


Important Note

We're all at different stages in our ADVANA and Power BI learning journeys. And the learning never ends!

We'll work together in this session to answer as many questions as possible, beginner and advanced.

Where a longer discussion is required, feel free to connect with us after the session! We love to nerd out.



Our Mission



By the end of this session, you will be able to:

- Securely connect Power BI to Advana
- Extract and transform financial data at scale
- Design dashboards that inform – not just impress

YOUR MISSION

BOO!! 🍅



YAY!! 🙌

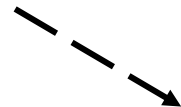
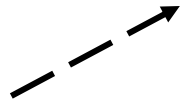


How the Pieces Fit Together



ADVANA

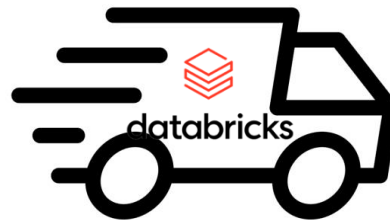
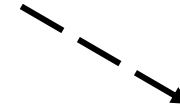
Data Warehouse



ODBC (Simba)

Truck/Transport

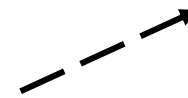
Excel option!



Databricks



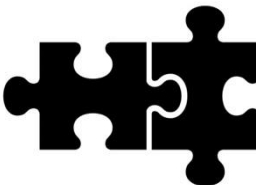
Convery belt/Cog
wheels/Packages



Power BI

Display

Make Decisions



 **ODBC vs Databricks** 



ODBC (Simba)

Install required
EXCEL OPTION!



Databricks

No install required
NO EXCEL!



FAQ's

ADVANA

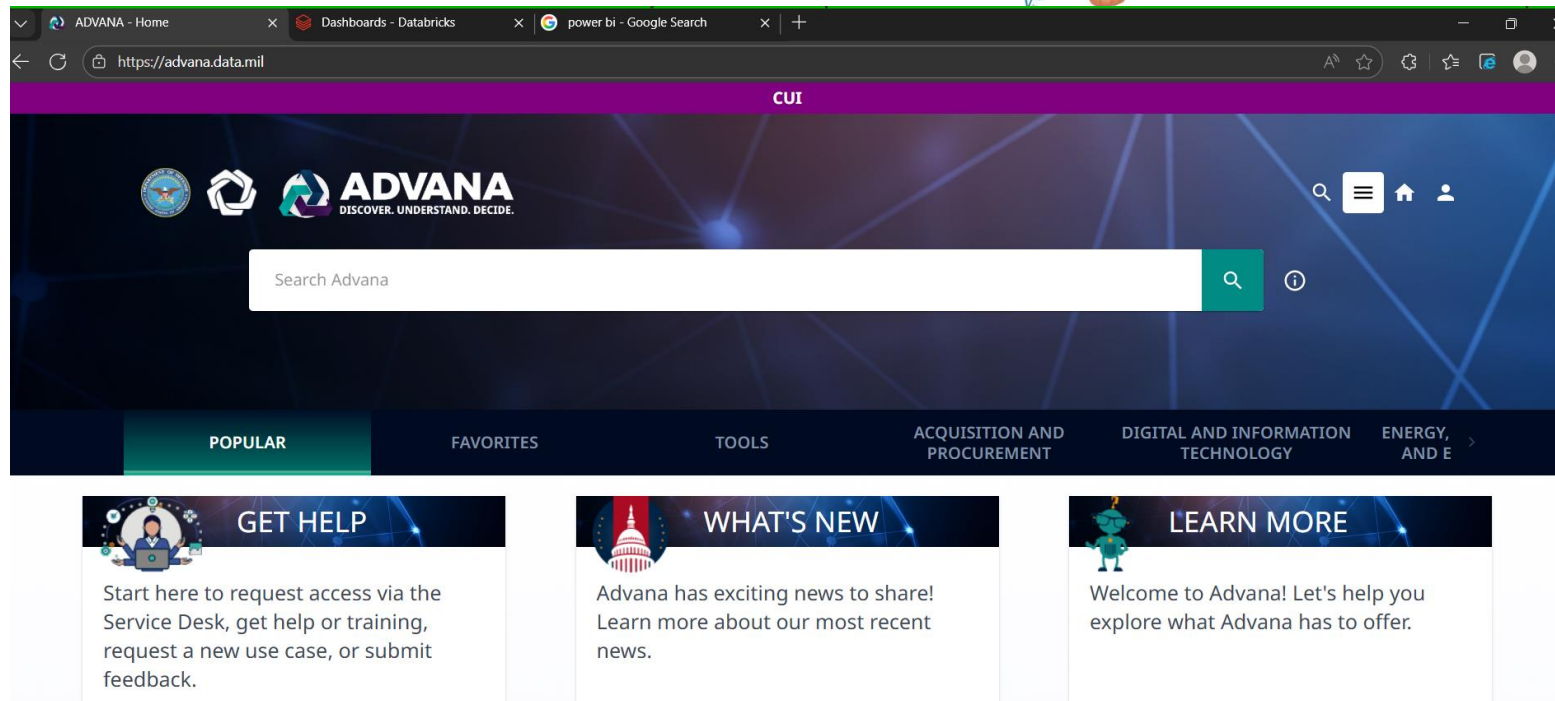
FAQ's on ADVANA Website

Limitations

- Advana Jupiter will not develop an egress connection to Power BI on behalf of users as this connection method requires the use of Databricks Personal Access Tokens. This would then require for the owner of the token to take personal responsibility for any data shared from the platform.
- Advana Jupiter will not help with any debugging, troubleshooting, or implementation of egress data off Advana to Power BI as this is not a support tool provided by Advana Jupiter
- Connection from Advana Jupiter does not currently work with Power BI in Flankspeed, only Power BI desktop.
- Power BI Desktop is required to complete the steps provided. Please work with your Local IT to install Power BI if not already installed

<https://wiki.advana.data.mil/display/JUPITER/Advana+to+Microsoft+Power+BI+Connection>

FAQ's on ADVANA Website



ADVANA - Home | Dashboards - Databricks | power bi - Google Search | +

https://advana.data.mil

CUI

ADVANA
DISCOVER. UNDERSTAND. DECIDE.

Search Advana

POPULAR | FAVORITES | TOOLS | ACQUISITION AND PROCUREMENT | DIGITAL AND INFORMATION TECHNOLOGY | ENERGY, AND E

GET HELP
Start here to request access via the Service Desk, get help or training, request a new use case, or submit feedback.

WHAT'S NEW
Advana has exciting news to share! Learn more about our most recent news.

LEARN MORE
Welcome to Advana! Let's help you explore what Advana has to offer.

<https://advana.data.mil/>

Recap

You are here



ADVANA

ODBC (SIMBA)

Databrick Clusters

Power BI

The Power Query Editor is Power BI's Data Cleansing Tool

Common misspellings

Removal of Duplicates

Copy/paste of records from one file to
another

Create VLOOKUPS

Inconsistent formatting

Formulas

And more!



Data Decision Point

Import Mode

Maximum speed and performance

Large Amounts of Data

Curate to Fit Your Needs with Power Query

Direct Query Mode

Live connections to the source

Updates with no intervention

Virtually unlimited data

Each Click is a Query

No Power Query Cleansing

Command Travel Dashboard

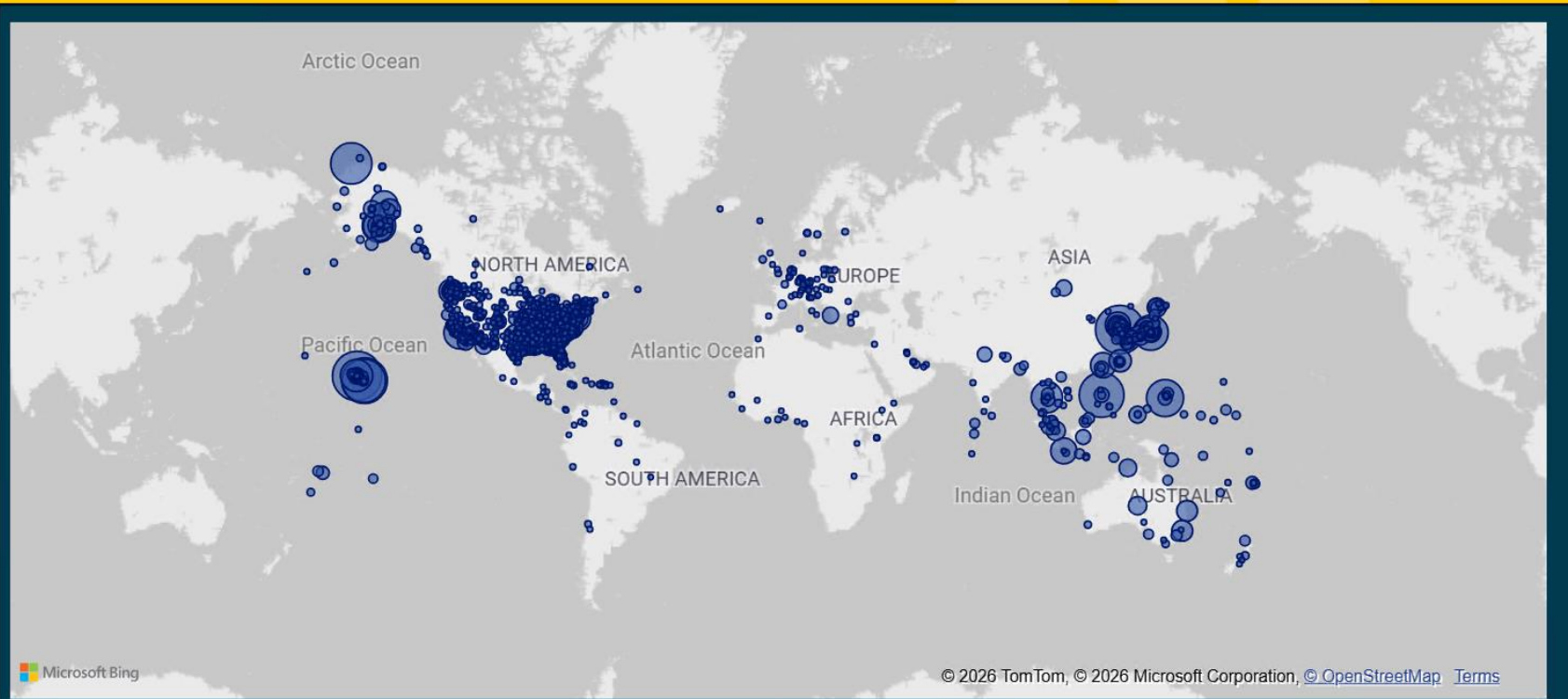
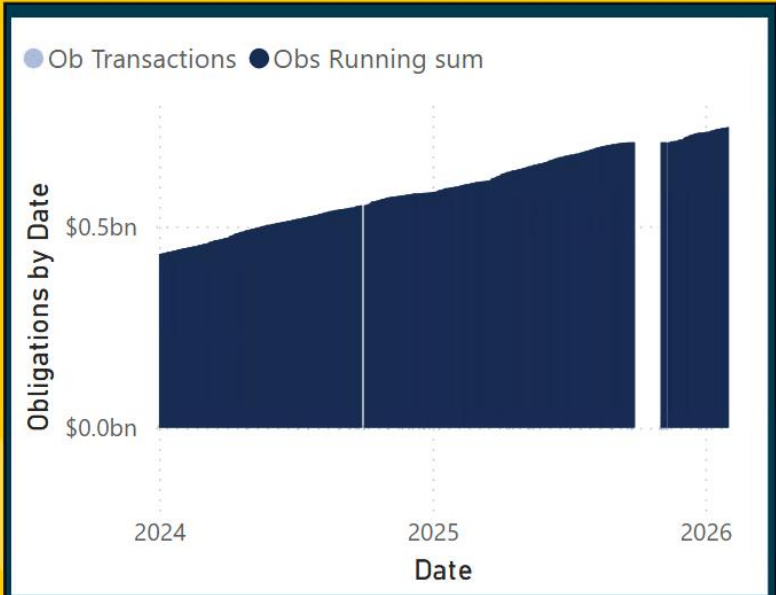
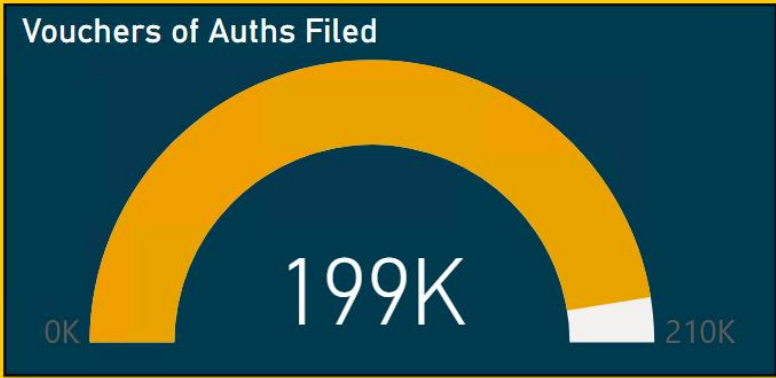
Filter by keyword →

- A82AB
- A82AC
- A82AD
- A82AE
- A82AF

\$746M
Obligations

262K
Traveler Count

11K
Vouchers Outstanding

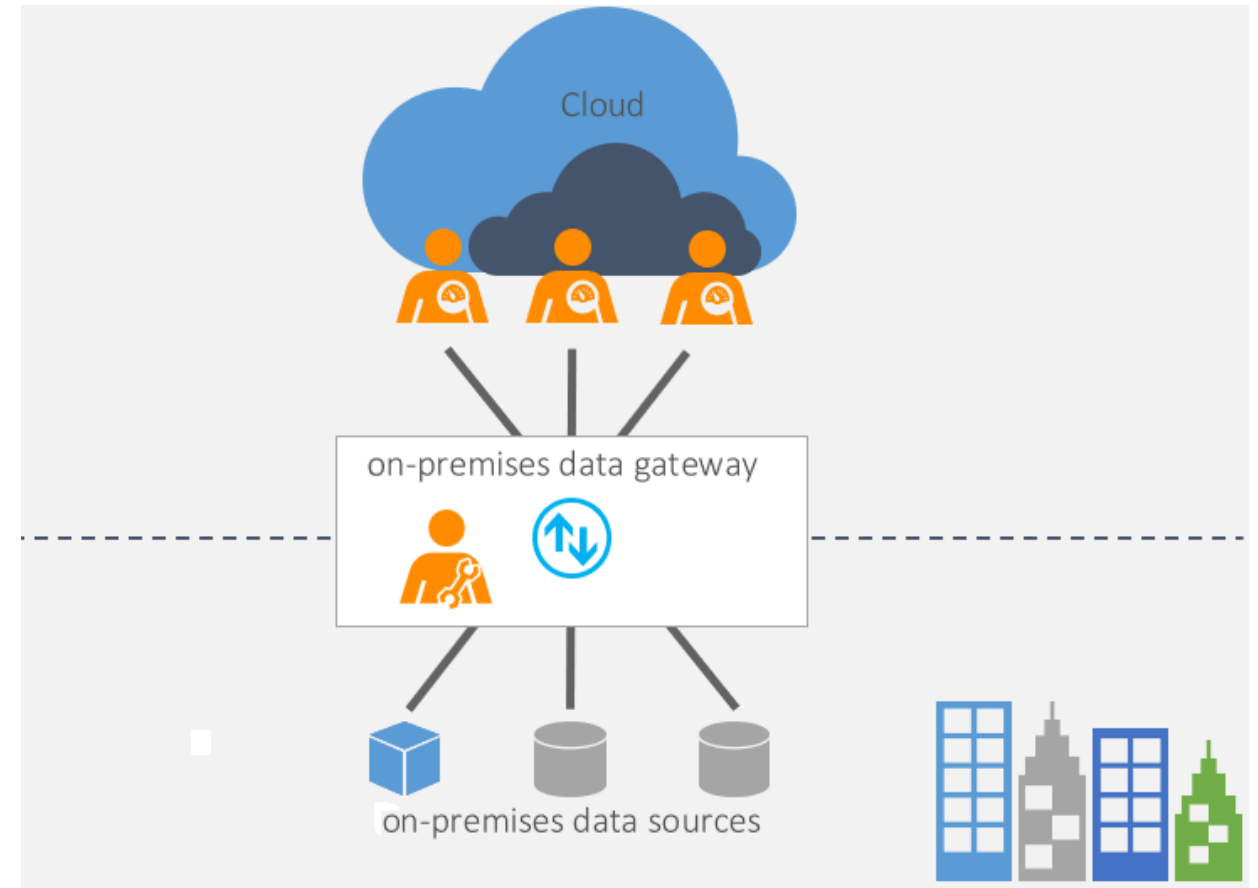


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AVLOSANGELESC012026_V01	1/31/2026	EL SEGUNDO,	01/20/2026 00:00:00	01/23/2026 00:00:00

Publishing to Production: Data Gateways

Publishing an ADVANA-connected dashboard to Power BI Service with automatic refreshes/direct query requires an authorized data gateway

Refer to ADVANA FAQs for the status of authorized gateways to each service's financial data warehouse cluster



Ask Yourself Questions

- What matters to you? Faster performance or live data?
- How live is the data in ADVANA? (Data Catalog Question)
- Want the ease of data cleanup with Power Query or fine with SQL?
- Does my service have an approved data gateway to ADVANA?

The Why

What advantage will I gain in my decision making?

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HTTP Paths to ADVANA Databricks Clusters

Blade Cluster:

sql/protocolv1/o/O/0811-141238-hat254

FASTR (Finance) cluster:

sql/protocolv1/o/O/0125-195437-m3a7ytcy

Pegasus Cluster:

sql/protocolv1/o/O/0413-132936-gauze407

Advana-Explorers Cluster:

sql/protocolv1/o/O/1108-185439-ahiqkeno

Databricks
✕

Server Hostname ⓘ

HTTP Path ⓘ

▲ Advanced Options (optional)

Default catalog (optional) ⓘ

Database (optional) ⓘ

Query tags (optional) ⓘ

Automatic Proxy Discovery (optional) ⓘ

Implementation (optional) ⓘ

Native query (Requires: Default catalog) (optional) ⓘ

OK
Cancel