

AtScale Supported Tools And Platforms

Container Orchestration

- ▲ Kubernetes (requires Helm 3+)

Certified Web Browser

- ▲ Google Chrome

External User Management

Identity providers:

- ▲ Microsoft Entra ID
- ▲ Okta

LDAP vendors:

- ▲ Microsoft Active Directory (Supports Kerberos authentication protocol.)

Data Catalogs

- ▲ Alation 2023.3.3
- ▲ Collibra 2023.09

Data Warehouse Support Matrix

Platform	Interactive Engines	Agg Build Engines	HLL/Portable	NTILE/Portable	TLS	KRB	PWD	Imp
Databricks SQL	Databricks	Databricks	x ¹	x ¹	x		x	
GBQ	GBQ	GBQ	x ¹	x ¹	x			x
Snowflake	Snowflake	Snowflake	x ¹	x ¹	x		x	
InterSystems IRIS 2024.1	InterSystems IRIS	InterSystems IRIS	x		x		x	

PostgreSQL 14 ²	Postgres	Postgres	x			x			x
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¹ This platform takes advantage of native functions for HLL and NTILE.

² **PostgreSQL NUMERIC Data Type:** AtScale does not support the NUMERIC(p,s), aka DECIMAL(p,s), data type on the PostgreSQL database.

For more information, see [Adding Data Warehouses](#).

Data Warehouse Support Matrix Column Key

Column	Description
HLL	HyperLogLog - Support for Estimated Count Distinct
NTILE	Support for Quantiles
TLS	Transport Layer Security
KRB	Kerberos Authentication Protocol
PWD	Username and Password based authentication
Imp	Impersonation - Proxy user query execution on behalf of another user
Custom Auth	Custom authentication mechanism, platform specific
Part	Partitioned Aggregate Table support

 A "secured" platform is a platform with Kerberos, TLS, and Impersonation compatibility.

Additional Data Warehouse Support Matrix Terms

Term	Description
Databricks	Databricks
GBQ	Google BigQuery
Snowflake	Snowflake Cloud Data Warehouse

Git Vendors

AtScale supports connections to the following Git vendors:

- ▲ GitHub
- ▲ GitLab

Supported Business Intelligence Tools

Microsoft Excel and Power BI contain the required drivers. SQL tools such as Tableau must use one of the supported PostgreSQL drivers listed below. AtScale requires a PostgreSQL driver because it emulates the PostgreSQL interface.

For more information, see [Connecting to AtScale from Business Intelligence Software](#).

Tableau

Tool	Connection Type	Client Driver
Tableau Desktop 2024.1	Thrift SQL	* See Vendor Drivers below
Tableau Server 2023.3	Thrift SQL	* See Vendor Drivers below

Excel / Power BI

Tool	Connection Type	Client Driver
Excel 2021	XMLA	Embedded SQL Server Analysis Services

Excel 365	XMLA	Embedded SQL Server Analysis Services
Power BI Desktop, May 2024	XMLA, DAX, Live Connection	SQL Server Analysis Services database
Power BI Service	XMLA, DAX, Live Connection	SQL Server Analysis Services database


Looker

Tool	Connection Type	Client Driver
Looker 24.2	PostgreSQL Connector	Embedded PostgreSQL Driver

Vendor Drivers

- ▲ PostgreSQL JDBC Driver:

- ▲ Tableau 2023.x, tested with PostgreSQL JDBC Driver 8 42.7.3

 **Note:** The PostgreSQL driver requires Tableau 2023.1 or higher.

Support Definitions

- ▲ Supported

Defined as the maintenance of a test suite that exercises the tool's core reporting features with AtScale. Some features may not be supported for reasons that include: a) the feature may not apply to an OLAP data model, b) AtScale has a different method of solving the same problem, c) the feature may not be a visualization feature, d) the feature has yet to be implemented.

- ▲ Beta Support

Means that there are no known blocking issues, however complete testing of all supported features is not complete.

- ▲ Unsupported Tools

The following BI tools have basic connection and query support, however they are not fully supported: Business Objects, Cognos, Saiku, Spotfire.

▲ Deprecated

Functionality will not be removed from AtScale for the period of time specified in the Support Policy. However no further bug fixes or enhancements will be scheduled for this feature. It is strongly recommended that customers retire or migrate reports that depend on deprecated functionality as soon as possible.