

SQL Scripts Panel

Feature Availability: This feature is available in the following editions:

- Trifacta Enterprise Edition
- Trifacta Professional Edition
- Trifacta Trifacta
- Trifacta Premium

When specifying on-demand or scheduled outputs, you can define SQL scripts to execute before data ingestion, after output publication, or both. These scripts can be executed through any database connection to which you have write access.

NOTE: This feature may need to be enabled by a workspace administrator. For more information, see [Workspace Settings Page](#).

When specifying your output, you can choose to add SQL scripts.

Connection	SQL statement	Settings
teradata	INSERT INTO `dataprep`,`joblog` (`TIMESTAMP`,`JOBTYPE`,`STATUS`) VALUES ('210617-150422`,`orders`,`begin`);	Run before data ingest

Figure: SQL Scripts panel

Columns:

- **Connection:** The name of the connection where the script is to be executed.
- **SQL statement:** The first part of the SQL statement to be executed.
- **Settings:**
 - **Run before data ingest:** during job execution, script is to be run before data is ingested for job execution.
 - **Run after data publish:** during job execution, script is to be run after job has been executed and data is published.

NOTE: If publishing job fails, then all downstream tasks also fail, including the SQL script, which is not executed and is recorded as a failed phase of the job execution.

Actions:

- **Add Script:** To add a new SQL script for this output, click **Add Script**. See below.
- **Edit:** To modify the SQL script, highlight the entry and click **Edit**.
- **Delete:** To removal the SQL script, highlight the entry. Then, click **More menu > Delete**.

Add SQL Script Window

Enter your SQL statement in the window.

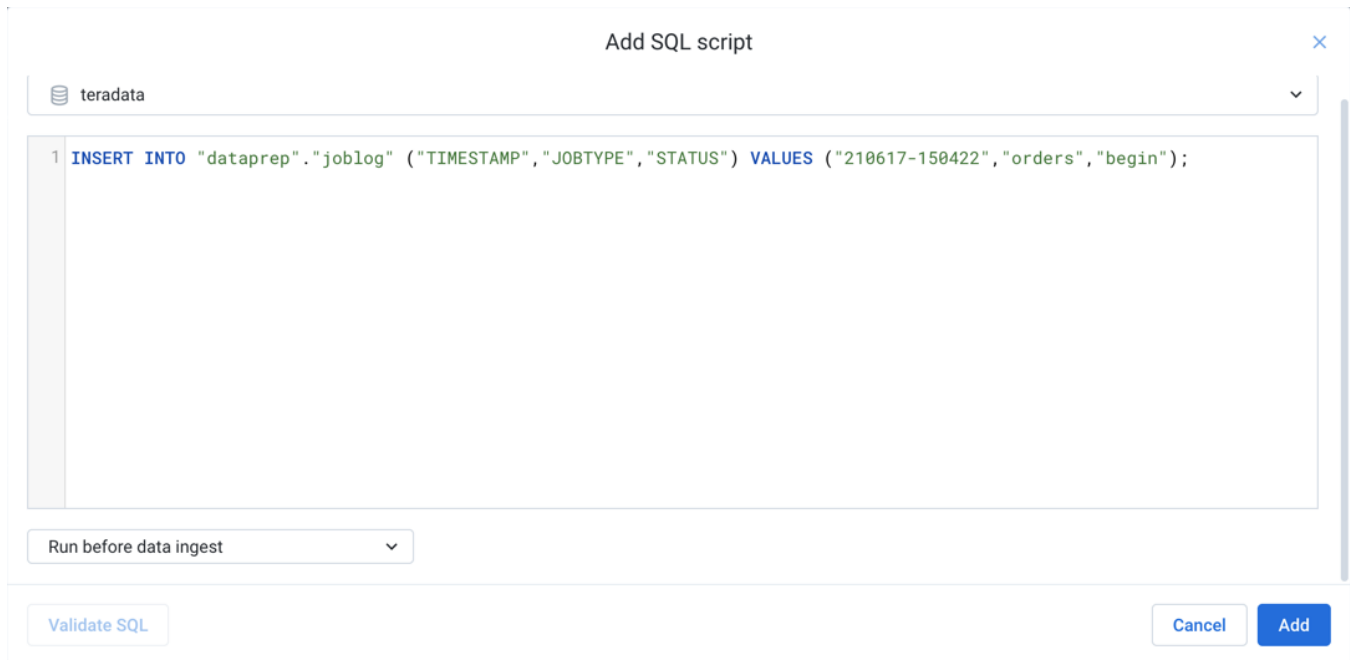


Figure: Add SQL Script window

Steps:

1. Select the connection through which to apply the SQL statement.
2. Enter your SQL statements in the window:

NOTE: Each line must end with a semi-colon (;). Validation fails if otherwise.

- a. You may enter multi-statement SQL scripts.
 - b. SQL lines in an individual script are executed in the order listed in the script.
 - c. Your SQL statements must comply with the expected syntax of the target system. For more information, see *Supported SQL Syntax*.
3. Choose when to run the SQL script:
 - a. Run before data ingest: SQL script is executed before the data is ingested for a job run.
 - b. Run after data publish: SQL script is executed after that data has been published from a job run.
 4. To validate your SQL, click **Validate SQL**.
 5. To add the SQL script, click **Add**.

If you have defined multiple scripts of the same type (before data ingest, for example), those scripts may be executed in parallel.

NOTE: The order of listing of scripts in the Trifacta application does not affect the order of execution of those scripts.

For more information on managing SQL scripts, see *Create Output SQL Scripts*.