

Create SQL Server Connections

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You can create connections to one or more Microsoft SQL Server databases from the Trifacta platform.

Limitations

- This is a read-only connection.

Pre-requisites

- If you haven't done so already, you must create and deploy an encryption key file for the Trifacta node to be shared by all relational connections. For more information, see *Create Encryption Key File*.
- If you plan to create an SSO connection of this type, additional configuration may be required. See *Enable SSO for Relational Connections*.

Configure

To create this connection:

- In the Import Data page, click the Plus sign. Then, select the Relational tab. Click the SQL Server connection box.
- You can also create connections through the Connections page.
- See *Connections Page*.


For additional details on creating a SQL Server connection, see *Enable Relational Connections*.

This connection can also be created using the CLI or API.

- For details on values to use when creating via CLI or API, see *Connection Types*.
- See *CLI for Connections*.
- See *API Connections Create v3*.

Modify the following properties as needed:

Property	Description
Host	Enter your hostname. Example: <input type="text" value="testsql.database.windows.net"/>
Port	Set this value to 1433.

Connect String options	<p>Please insert the following as a single string (no line breaks):</p> <pre data-bbox="310 197 1455 281">;database=<DATABASE_NAME>;encrypt=true;trustServerCertificate=false; hostNameInCertificate=*.database.windows.net;loginTimeout=30;</pre> <p>where:</p> <ul data-bbox="310 359 1455 390" style="list-style-type: none"> • <DATABASE_NAME> is the name of the SQL DB database to which you are connecting <div data-bbox="310 411 1455 501" style="border: 1px solid green; padding: 5px;"> <p> Tip: If you have access to the SQL DB database through the Azure Portal, please copy the Connect String from that configuration. You may omit the username and password from that version of the string.</p> </div>
Credential Type	<p>Options:</p> <ul data-bbox="310 625 1455 737" style="list-style-type: none"> • <code>basic</code> - (default) You provide the username and password to use as part of the connection definition. • <code>Kerberos delegate</code> - Connection uses the Kerberos-delegated principal to connect to the database. No credentials are submitted as part of the connection definition. This method requires additional configuration. see <i>Enable SSO for Relational Connections</i>.
User Name	(basic credential type only) Username to use to connect to the database.
Password	(basic credential type only) Password associated with the above username.
Default Column Data Type Inference	Set to <code>disabled</code> to prevent the Trifacta platform from applying its own type inference to each column on import. The default value is <code>enabled</code> .
Test Connection	After you have defined the connection credentials type, credentials, and connection string, you can validate those credentials.
Connection Name	Display name of the connection
Connection Description	Description of the connection, which appears in the application.

Use

For more information, see *Database Browser*.

Data Conversion

For more information on how values are converted during input and output with this database, see *SQL Server Data Type Conversions*.