

Connect to Snowflake in DBeaver

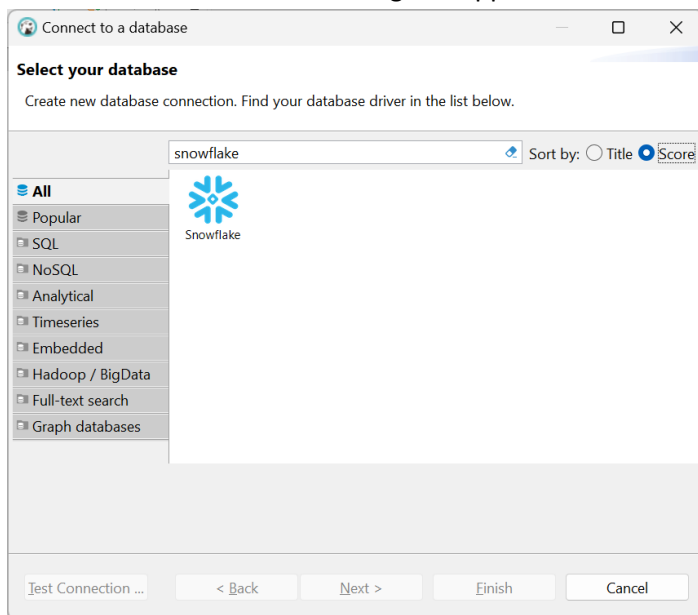
This procedure describes how to connect to Snowflake in the DBeaver database management tool.

NOTE: Before you begin, install or upgrade to the latest version of [DBeaver](#).

To create a Snowflake connection in DBeaver, complete these steps:

1. Select **New Database Connection** from the Database menu.
2. In the Connect to database window, enter *snowflake* in the search bar, and select **Snowflake**.

The Connect to a database dialog box appears.



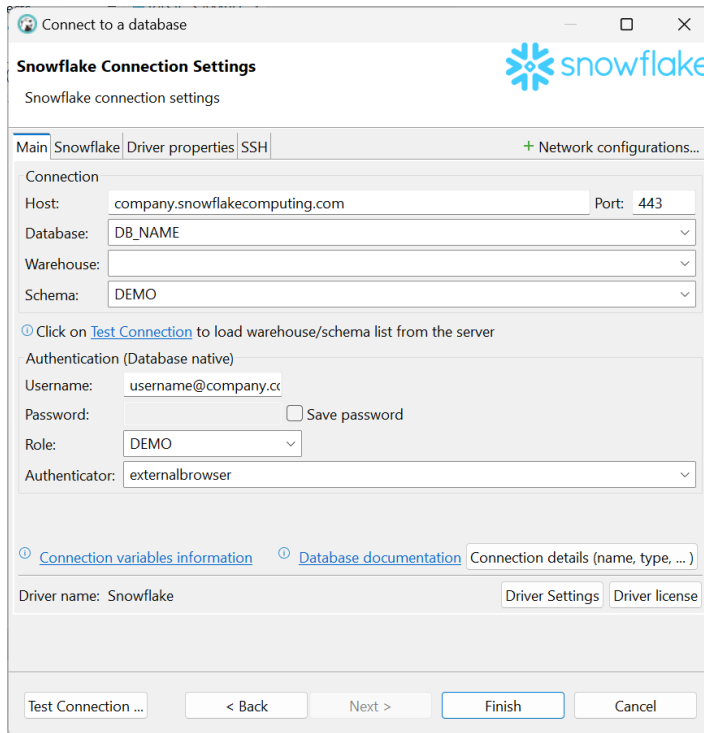
3. Click **Next**.

4. The Connect to a database dialog box appears.

The screenshot shows the 'Connect to a database' dialog box with the 'Snowflake Connection Settings' tab selected. The 'Host' field is populated with '.snowflakecomputing.com' and the 'Port' is '443'. The 'Database' field is 'TEST_DB'. The 'Authentication' section has 'Username' and 'Password' fields, with the 'Save password' checkbox checked. The 'Role' and 'Authenticator' fields are empty. The 'Finish' button is highlighted.

5. In the Connect to a database dialog box, configure the Snowflake connection settings:
- a. In the Host name, enter **company.snowflakecomputing.com**.
 - b. In the Database field, enter **DB_NAME**.
 - c. In the Schema field, enter **DEMO**.
 - d. In the Username field, enter your email address.
 - e. Clear the Save Password checkbox.
 - f. In the Role field, enter **DEMO**.
 - g. From the Authenticator drop-down list, select **externalbrowser**.

The Connection settings should appear similar to the following image:



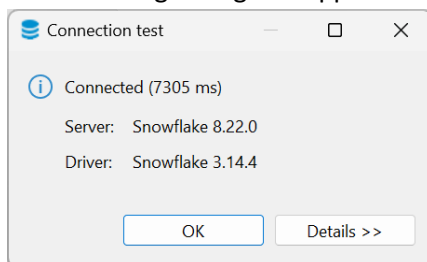
The image shows the 'Connect to a database' dialog box with the 'Snowflake Connection Settings' tab selected. The 'Main' tab is active, showing fields for Host (company.snowflakecomputing.com), Port (443), Database (DB_NAME), Warehouse, Schema (DEMO), Username (username@company.cc), Password, Role (DEMO), and Authenticator (externalbrowser). There are links for 'Test Connection', 'Connection variables information', and 'Database documentation'. At the bottom, there are buttons for 'Test Connection ...', '< Back', 'Next >', 'Finish', and 'Cancel'.

6. Click **Test Connection**.

Note: If the Snowflake jdbc driver is not installed, you will be prompted to install it.

7. In the User Credentials window, enter your password, and click **OK**.
8. If prompted, log in using your Snowflake credentials and Duo Two-Factor Authentication.
9. Close the browser window, and return to DBeaver.

The following dialog box appears if the connection is successful:



The image shows the 'Connection test' dialog box. It displays a status message 'Connected (7305 ms)' with an information icon. Below this, it shows 'Server: Snowflake 8.22.0' and 'Driver: Snowflake 3.14.4'. At the bottom, there are buttons for 'OK' and 'Details >>'.