

Steps to Configure Snowflake ODBC driver with TIBCO Spotfire

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Objective

To provide connection between Snowflake and TIBCO Spotfire.

Prerequisites

TIBCO Spotfire should be installed

Snowflake should also be set up.

Procedure 1: Setting up Snowflake ODBC driver on the system

Step 1:

First go to the following link to download the **snowflake odbc driver** and download.

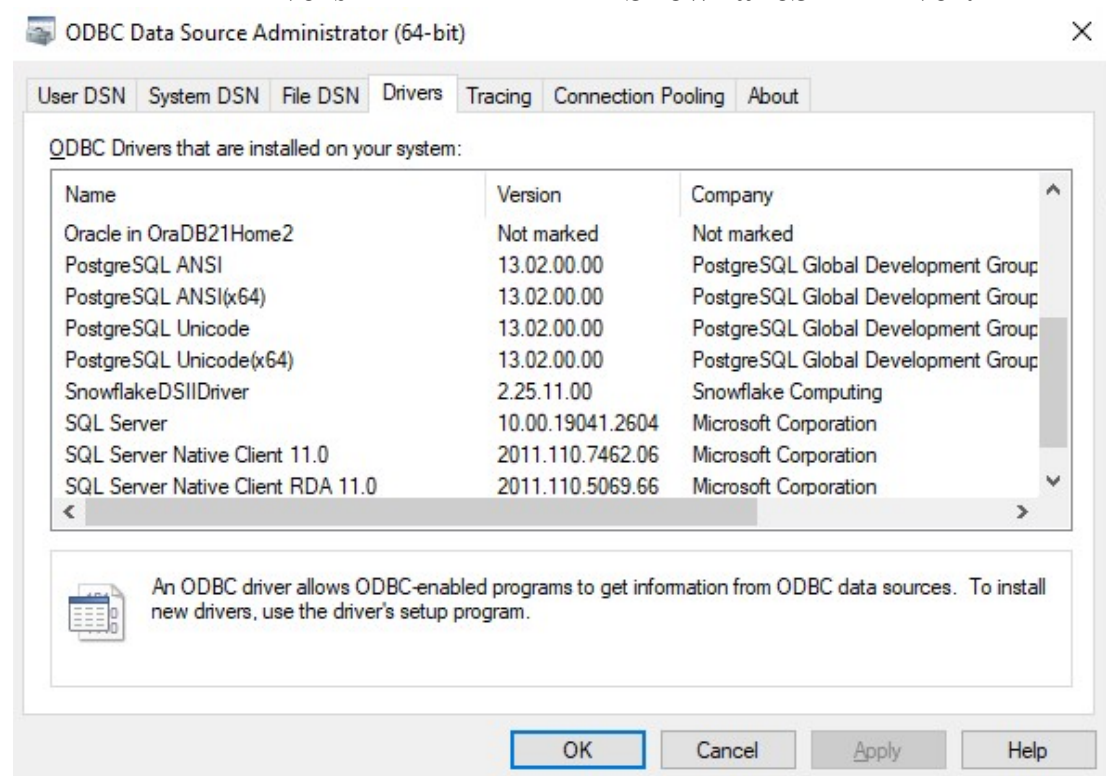
<https://developers.snowflake.com/odbc/>

Select the windows option to download the Snowflake ODBC driver.

Step 2:

Click on the start menu. Search for ODBC and click on **ODBC Data Sources**.

Then click on **Drivers** tab and check for **SnowflakeDSIIDriver**.

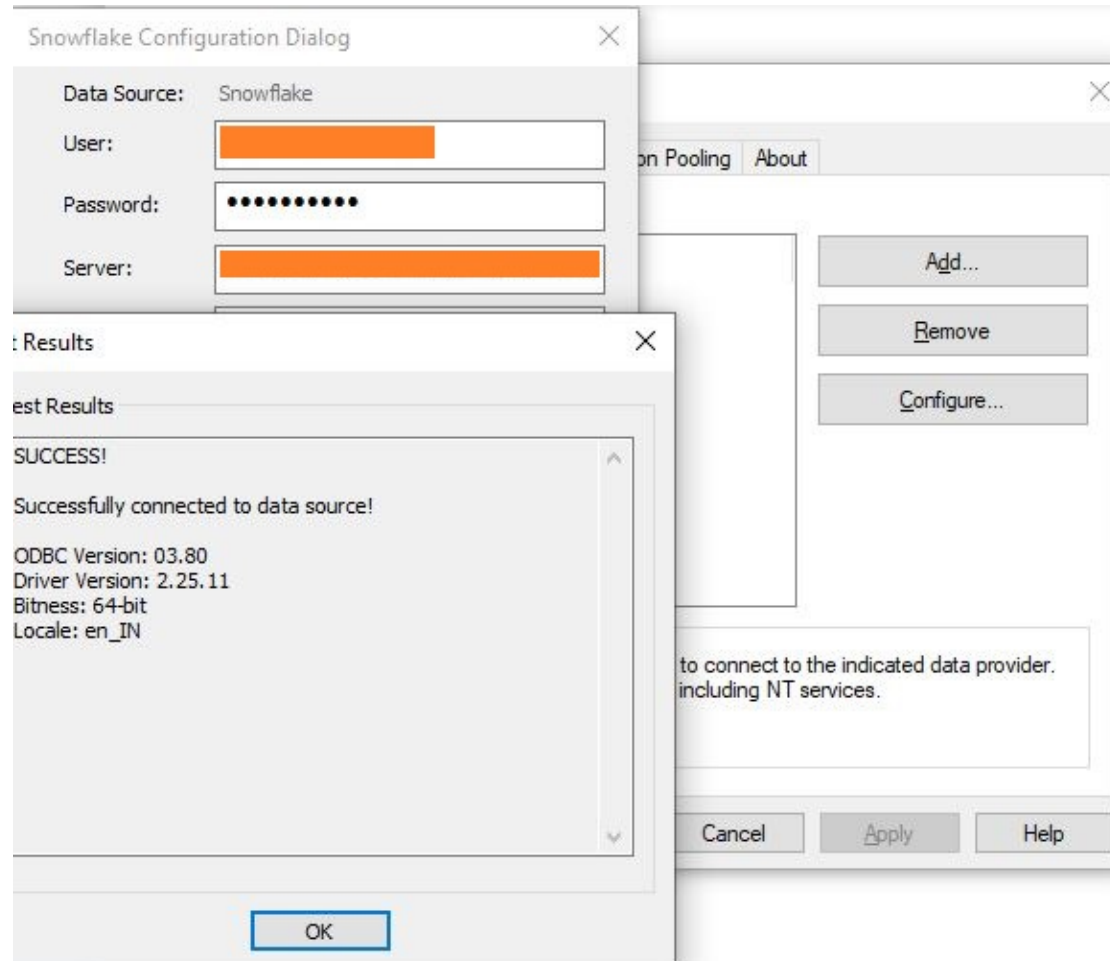


Step 3:

Then navigate to **System DSN** tab and click on add and enter the **username, server and password**.

Server Name can be the part of the host URL which you use to reach snowflake and copy the remaining part as server except 'https://'

And then test the connection:

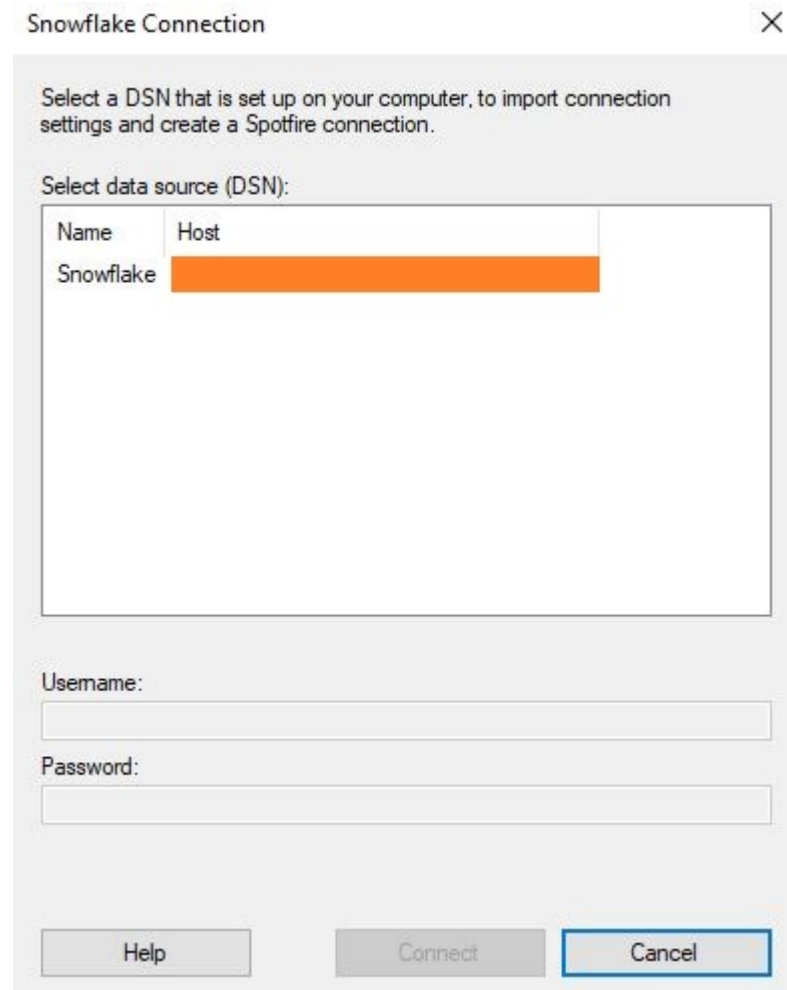


Procedure 2: Setting up connection between Snowflake and TIBCO Spotfire

Step 1:

Open TIBCO Spotfire and navigate to **file and data** section and open **connect to** tab.

Open **Snowflake connector**.



The image shows the 'Snowflake Connection' dialog box in TIBCO Spotfire. It has a title bar with a close button (X). The main area contains the instruction: 'Select a DSN that is set up on your computer, to import connection settings and create a Spotfire connection.' Below this is a section titled 'Select data source (DSN):' which contains a table with two columns: 'Name' and 'Host'. The 'Name' column has one entry, 'Snowflake', which is highlighted with an orange background. Below the table are three input fields: 'Username:', 'Password:', and a third empty field. At the bottom are three buttons: 'Help', 'Connect', and 'Cancel'.

Name	Host
Snowflake	

Username:

Password:

Enter the username and password and connect.

Step 2:


Select the table present in snowflake.





The image shows the Snowflake table selection interface. On the left is a tree view of the database structure. The 'EXERCISE_DB.PUBLIC' folder is expanded, showing a list of tables: CUSTOMER1, CUSTOMERS, EMPLOYEES, JSON_RAW, JSON_RAW_4COLS, and ORDERS_CSV. The 'ORDERS_CSV' table is selected and highlighted in blue. In the center, there are two buttons: 'Add >' and '< Remove'. On the right, a table shows the selected table's columns and their data types. The columns are ORDER_ID, ORDER_DATE, CUSTOMER_NAME, STATE, and CITY, all of which are checked and have a data type of 'String'.

Table	Columns	Data Type
ORDERS_CSV	ORDER_ID	String
ORDERS_CSV	ORDER_DATE	String
ORDERS_CSV	CUSTOMER_NAME	String
ORDERS_CSV	STATE	String
ORDERS_CSV	CITY	String

Then select **Import**

New data table: ORDERS_CSV 

 ORDERS_CSV (Snowflake)
Import

Import 

[Transform data](#)

OK

Cancel

And now the data is loaded in TIBCO Spotfire.

ORDERS_CSV

ORDER_ID	ORDER_DATE	CUSTOMER_...	STATE	CITY
B-26055	10-03-2018	Harivansh	Uttar Pradesh	Mathura
B-25993	03-02-2018	Madhav	Delhi	Delhi
B-25973	24-01-2018	Madan Mohan	Uttar Pradesh	Mathura
B-25923	27-12-2018	Gopal	Maharashtra	Mumbai
B-25757	21-08-2018	Vishakha	Madhya Prade...	Indore
B-25967	21-01-2018	Sudevi	Uttar Pradesh	Prayagraj
B-25955	16-01-2018	Shiva	Maharashtra	Pune
B-26093	27-03-2018	Sarita	Maharashtra	Pune
B-25798	01-10-2018	Shishu	Andhra Pradesh	Hyderabad
B-25602	01-04-2018	Vrinda	Maharashtra	Pune