# Snowflake Hands-On Workshop

## Real-time Analytics with External Data

### September 10, 2019

1. Sign up for free Snowflake trial - <https://trial.snowflake.com/>

A screenshot of a cell phone

Description automatically generated

A screenshot of a cell phone

Description automatically generated

1. Check your e-mail, and [ CLICK TO ACTIVATE ].

A screenshot of a social media post

Description automatically generated

1. Create the admin User ID.

A screenshot of a cell phone

Description automatically generated

1. Minimize the Welcome to Snowflake message.

A screenshot of a cell phone

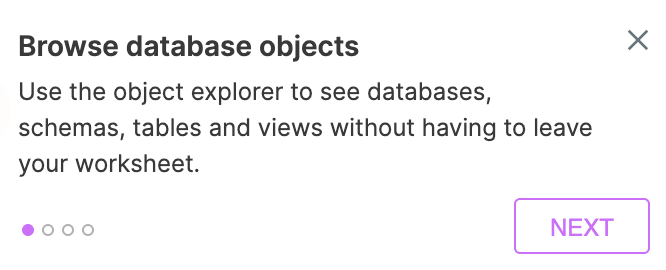
Description automatically generated

1. Close the Getting Started side panel.

A screenshot of a cell phone

Description automatically generated

1. Close Browse the database objects panel.



1. Change your Context to ACCOUNTADMIN.

A screenshot of a cell phone

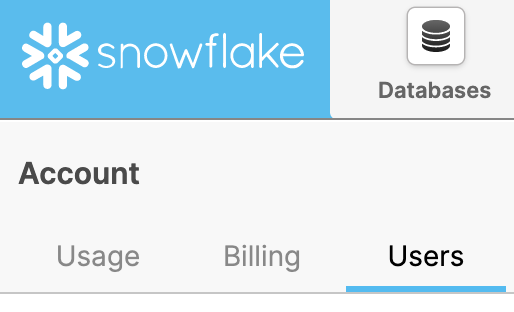
Description automatically generated

1. Click on the Account button in the top middle of the Web UI.

A drawing of a person

Description automatically generated

1. Click on the Users tab.



1. Click on the Create button.



1. Fill in the required General fields to create a new user named SNOWMAN, and click on the Next button.

A screenshot of a cell phone

Description automatically generated

1. The Advanced information is not required, but you may fill it out of you would like to. Then click on the Next button.

A screenshot of a cell phone

Description automatically generated

1. Change the Default Role to SYSADMIN under Preferences, and click on the Next button.

A screenshot of a cell phone

Description automatically generated

1. Open a new tab within the Web UI by clicking on the +.

A close up of a logo

Description automatically generated

1. Enter the following SQL command, click on the Run button, and verify that the statement completed successfully.

grant role accountadmin to user snowman;

1. Launch a new tab in your browser, and connect to your Trial Snowflake URL.
2. Login with the User you created above.

A screenshot of a cell phone

Description automatically generated

1. If you did not uncheck the Force Password Change check box on the General tab, change the password for your new user, and click on the Finish button.

A screenshot of a cell phone

Description automatically generated

1. Close / Minimize the informational messages as you did before starting in Step 4 above.
2. Click on the Databases tab.

A close up of a logo

Description automatically generated

1. Click on the Create button, type in a name for your Database, and click on the Finish button.

A screenshot of a cell phone

Description automatically generated

1. Click on the Worksheets button.

A close up of a logo

Description automatically generated

1. Change the local context in the SQL Worksheet to the Database you just created.

A screenshot of a cell phone

Description automatically generated

1. Type in the following commands in the SQL Worksheet.

create or replace table DAILY\_14\_TOTAL as

select \*

from snowflake\_sample\_data.weather.DAILY\_14\_TOTAL;

create or replace table WEATHER\_14\_TOTAL as

select \*

from snowflake\_sample\_data.weather.WEATHER\_14\_TOTAL;

1. Check the All Queries box.



1. Click on the Run button.



1. Click on the Open History button while the queries are executing.



1. Verify that both of the new tables were created successfully.

A close up of a logo

Description automatically generated

1. Open a new tab within the Web UI by clicking on the +.

A close up of a logo

Description automatically generated

1. Type in the following commands in the SQL Worksheet to create views of 2019 weather data.

create or replace secure view DAILY\_14\_TOTAL\_2019\_VW as

select \*

from DAILY\_14\_TOTAL

where t >= to\_date('01/01/2019','MM/DD/YYYY');

create or replace secure view WEATHER\_14\_TOTAL\_2019\_VW as

select \*

from WEATHER\_14\_TOTAL

where t >= to\_date('01/01/2019','MM/DD/YYYY');

1. Check the All Queries box.



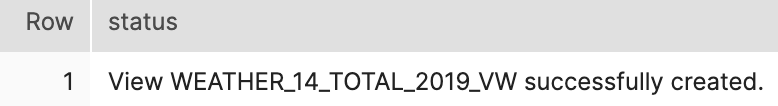
1. Click on the Run button.



1. Click on the Open History button while the queries are executing.



1. Verify that both of the new views were created successfully.

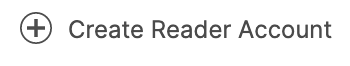


1. Go back to the Browser tab where the admin user is logged in.
2. Click on the Reader Accounts tab.

A screenshot of a cell phone

Description automatically generated

1. Click on the Create Reader Account button.



1. Fill out the Reader Account information as shown below, and click on the Create Account button.

A screenshot of a cell phone

Description automatically generated

1. Wait for the shared URL to be created.

A screenshot of a cell phone

Description automatically generated

1. Click on the URL created in the following window (Note – all URLs are unique and will not match the example below).

A screenshot of a cell phone

Description automatically generated

1. Log in with your newly created OLAF reader user.
2. Once logged in, click on the I’m A Data Consumer button.

A screenshot of a cell phone

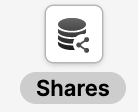
Description automatically generated

1. Go back to the Admin user tab in your web browser, and click on the Done button.

A screenshot of a cell phone

Description automatically generated

1. Click on the Shares button.

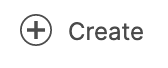


1. Click on the Outbound button.

A close up of a logo

Description automatically generated

1. Click on the Create button.



1. Fill in the Secure Share info as shown below, and click on the Create button.

A screenshot of a social media post

Description automatically generated

1. Click on the Next: Add Consumers button.



1. Select the Olaf reader account, and click on the Add button.

A screenshot of a cell phone

Description automatically generated

1. Click on the Done button.

A screenshot of a cell phone

Description automatically generated

1. Go back over to the Olaf tab in your browser.
2. Click on Warehouses button.

A picture containing electronics

Description automatically generated

1. Click on the Create Warehouse button.



1. Fill out the Warehouse information as shown below, and click on the Finish button.

A screenshot of a cell phone

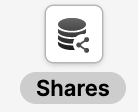
Description automatically generated

1. Change your Context to ACCOUNTADMIN.

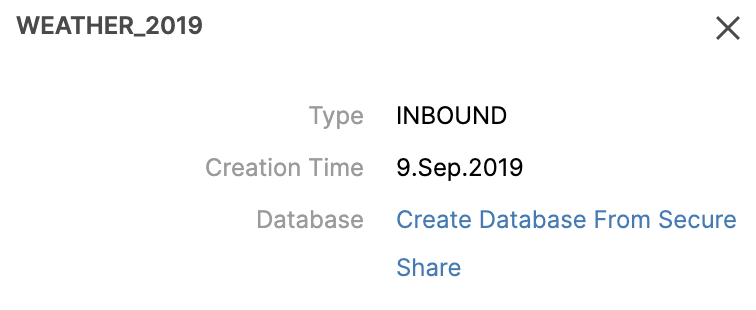
A screenshot of a cell phone

Description automatically generated

1. Click on the Shares button.



1. Click on the Create Database from Secure Share link.



1. Fill out the share information as shown below, and click on the Done button.

A screenshot of a cell phone

Description automatically generated

1. Click on the OK button.

A screenshot of a cell phone

Description automatically generated

1. Click on the Worksheets button.

A close up of a logo

Description automatically generated

1. Click on the refresh button next to Find database objects, and your new database will appear.

A screenshot of a cell phone

Description automatically generated

1. Click on the shared FROSTY\_DB\_CONSUMER to expand the objects under the PUBLIC schema to preview the data.

A screenshot of a cell phone

Description automatically generated

A screenshot of a cell phone

Description automatically generated