

Assignment: 1

- Document the steps to create a Snowflake account and connect using SnowSQL.

Step 1: Create a Snowflake Account

Go to the Snowflake website and sign up for a free trial or a paid account.

Start your 30-day free Snowflake trial which includes \$400 worth of free usage

Create a Snowflake account 1 / 2
Already have an account? [Sign in](#)

First name Last name
Shakshi Likhia

Work email
shakshi.likhia@simformsolutions.com

Why are you signing up?
I'm a student exploring Snowflake

By clicking the button below you understand that Snowflake will process your personal information in accordance with its [Privacy Notice](#). I may withdraw my consent through [unsubscribe links](#) at any time.

Continue

Country: India

Start your 30-day free Snowflake trial which includes \$400 worth of free usage

Now, let's set up your account 2 / 2

School name
simform

Choose your Snowflake edition [Learn more](#)
Enterprise (Most popular)

Choose your cloud provider
Snowflake runs on top of the cloud platform you're already working with.

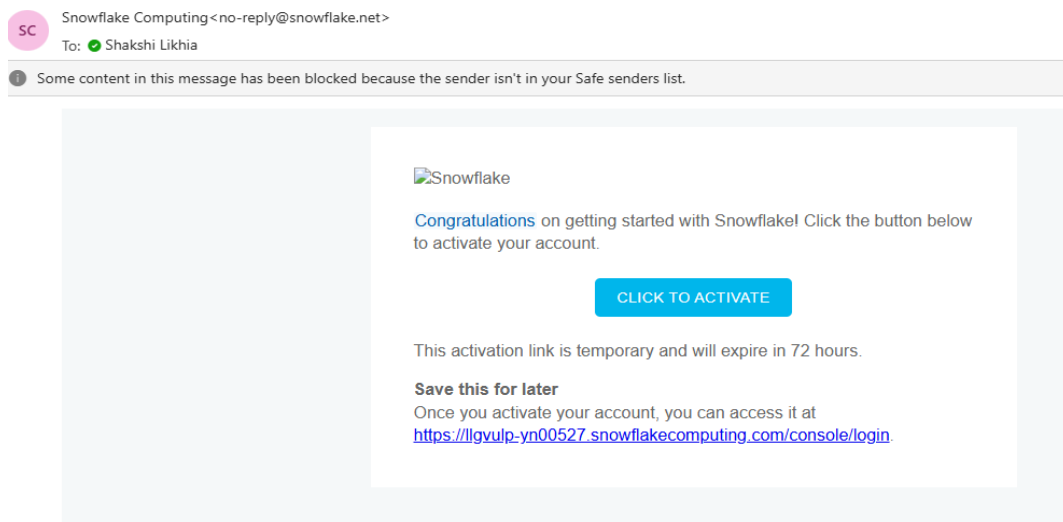
Microsoft Azure Amazon Web Services Google Cloud Platform

Region
Asia Pacific (Mumbai)

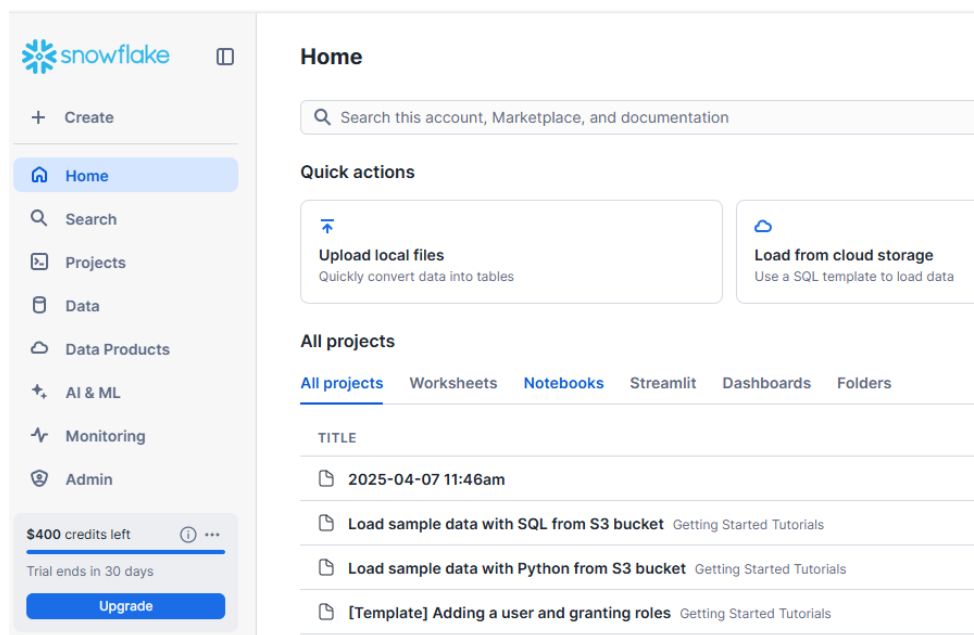
☐ I have read and agree to the [Snowflake Self-Service On Demand Terms](#).

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Follow the instructions in the activation email to activate your account.



Finally, when you log into the snowflake account the following GUI should appear.



Step 2: Install SnowSQL

Go to the [Snowflake Downloads page](#) and download the SnowSQL installer for your operating system.

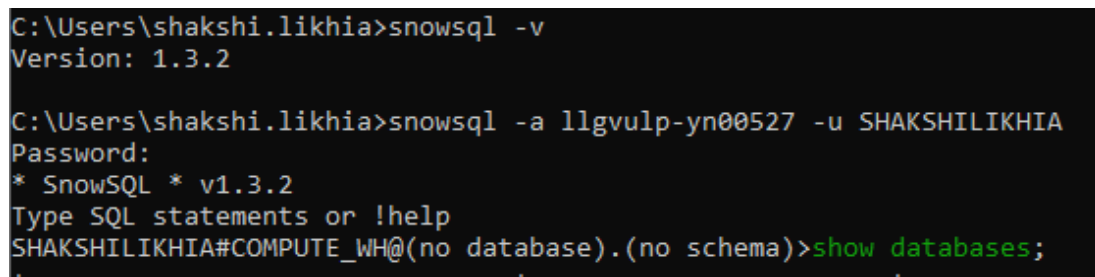
Step 3: Configure SnowSQL

Type `snowsql -v` to verify that SnowSQL is installed correctly and to check the version.

Step 4: Connect to Snowflake

Use the following command to connect to your Snowflake account:

```
snowsql -a <account_name> -u <username>
```



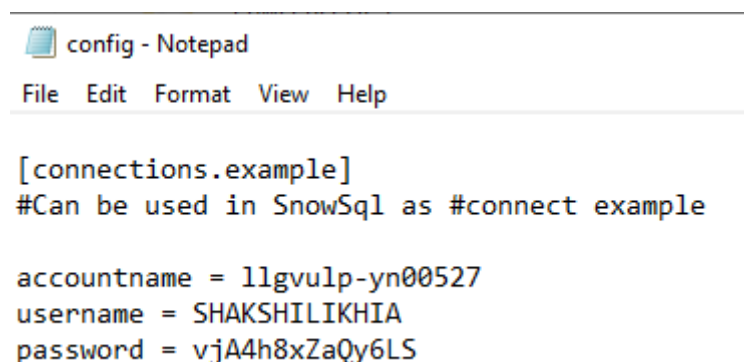
```
C:\Users\shakshi.likhia>snowsql -v
Version: 1.3.2

C:\Users\shakshi.likhia>snowsql -a llgvulp-yn00527 -u SHAKSHILIKHIA
Password:
* SnowSQL * v1.3.2
Type SQL statements or !help
SHAKSHILIKHIA#COMPUTE_WH@(no database).(no schema)>show databases;
```

Step 5: Configure Connection Settings

To avoid entering connection details every time, you can edit the SnowSQL configuration file located in your home directory under `.snowsql/config`.

Add your account name, username, password.



```
config - Notepad
File Edit Format View Help

[connections.example]
#Can be used in SnowSql as #connect example

accountname = llgvulp-yn00527
username = SHAKSHILIKHIA
password = vjA4h8xZaQy6LS
```

So now, we simply connect using the name connection i.e., ‘example’ here.

```
C:\Users\shakshi.likhia>snowsql -c example
* SnowSQL * v1.3.2
Type SQL statements or !help
SHAKSHILIKHIA#COMPUTE_WH@(no database).(no schema)>_
```

Snowflake account is successfully connected using SnowSQL.

- **Explore and write a comparison of the Web UI and SnowSQL features.**

Aspects	Web UI	SnowSQL
Interface	Graphical User Interface (GUI)	Command-Line Interface (CLI)
Ease of use	User-friendly due to GUI.	Requires familiarity with command-line operations.
Data visualization	Built-in tools for creating charts and dashboards.	No built-in visualization tools.
User and roles	Create and manage users, roles, and privileges.	Supports user and role management through commands.
Performance and monitoring	Monitor query performance, history, and account usage.	No built-in monitoring tools.