

# How To: Visualize the tables relationship in Snowflake

This article offers an overview of the different ways to generate Entity-Relationship Diagramming (ERD) for Snowflake databases.

December 19, 2022

## Issue

Write the issue or the “How to” question. Do not repeat the title of the article. Give more information about the scope of this article based on the customer case. You can add prerequisites in this section

Snowflake UI doesn't offer a built-in feature to generate Entity-Relationship Diagramming (ERD). However, this can be done with free or paid third party tools.

## Cause

Write the background information or the root cause of the problem

## Solution

Write resolution instructions: Use bullets, numbers and additional headings Add Screenshots to explain the resolution Add diagrams to explain complicated technical details, keep the diagrams in lucidchart or in google slide (keep it shared with entire Snowflake), and add the link of the source material in the Internal comment section Go in depth if required Add links and other resources as required Add tables if required

### 1. DBeaver (free)

- Launch DBeaver
- Connect to Snowflake
- Browse to the appropriate database
- Expand the view
- Double-click on the schema you want
- Click the ERD tab

Here's a complementary blog post about DBeaver ERD with Snowflake: <https://dbaontap.com/2020/02/08/let-dbeaver-build-your-erd-from-a-snowflake-data-warehouse/>

### 2. Dataedo (paid)

Please follow the Dataedo documentation tutorial on creating a diagram for Snowflake database: <https://dataedo.com/tutorials/create-diagram-for-snowflake-database>

### 3. DbSchema (paid)

Similarly, here's the official documentation: <https://dbschema.com/documentation/Snowflake/>

We also have a dedicated blog post for this tool: <https://community.snowflake.com/s/article/DBSchema-Entity-Relationship-Diagramming-for-Snowflake>

#### **4. SqlDBM (paid)**

How to bring existing Snowflake schema in SqlDBM (Reverse Engineering): <https://support.sqldbm.com/en/knowledge-bases/2/articles/842-snowflake-reverse-engineering-bring-existing-project-in-sqldbmsql>

#### **More Information**

This list is not intended to be exhaustive, but rather is meant to offer the most common tools to generate a ERD with Snowflake.

#### **Applies To**

Snowflake Database.

#### **Relevant Documentation**

- <https://docs.snowflake.com/en/sql-reference/ddl-database.html>
- <https://docs.snowflake.com/en/sql-reference/info-schema.html>

#### **Additional Information**

##### **URL Name**

How-To-Visualize-the-tables-relationship-in-Snowflake

##### **Title**

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##### **Article Record Type**

Solution