

DBeaver

Cheat Sheet

*A collection of how-tos and shortcuts
to help you use DBeaver*

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DBeaver Cheat Sheet

In this guide, you're going to learn a range of tactics to improve how you use DBeaver, including:

- step-by-step instructions and screenshots on performing common tasks
- helpful shortcuts to remember

So if you want to get better at using DBeaver, you'll love this guide.

Let's get right into it.

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How To

Open and Run an SQL File

There are two ways to open and run an SQL file in DBeaver:

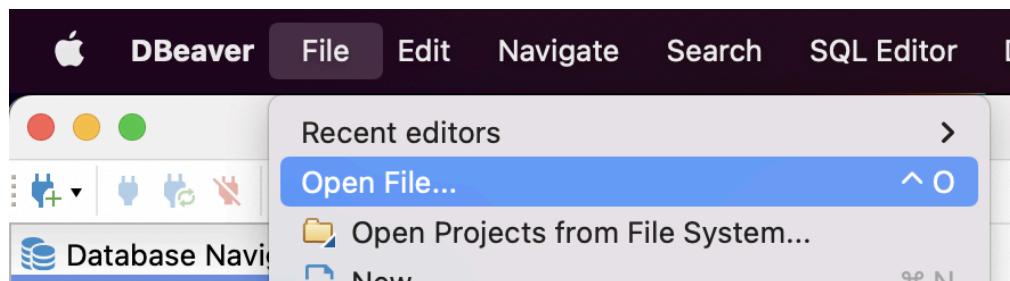
1. Open an SQL file from somewhere on your computer
2. Open a recently used SQL file

The method you choose depends on how recently you accessed the file, and which method you find easier.

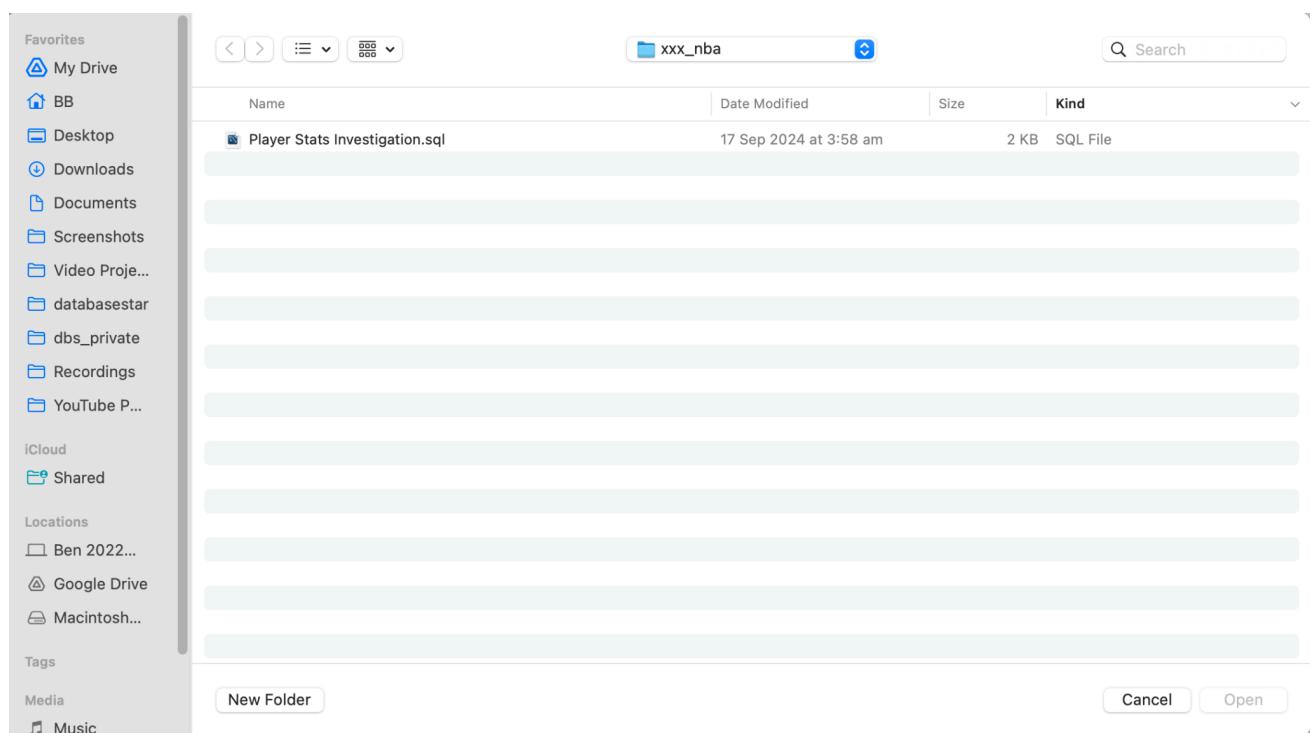
I'll show you both methods.

To open an SQL file on your computer, follow these steps.

Step 1: Click File, then Open File.



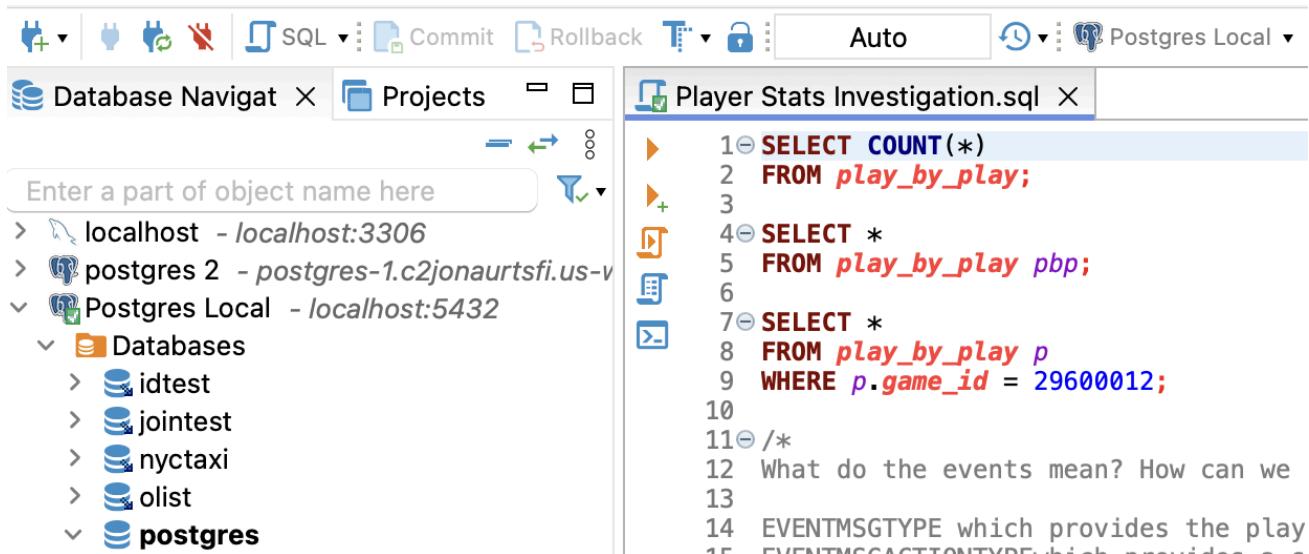
A File Chooser dialog box will be shown.



Step 2: Browse to the location of your SQL file, and click on the file you want to open.

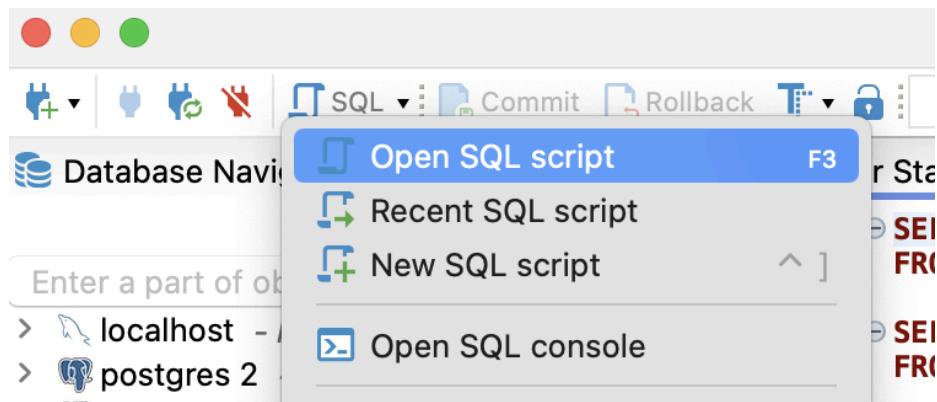
Step 3: Click the Open button.

The file will then be opened and shown in a new tab.

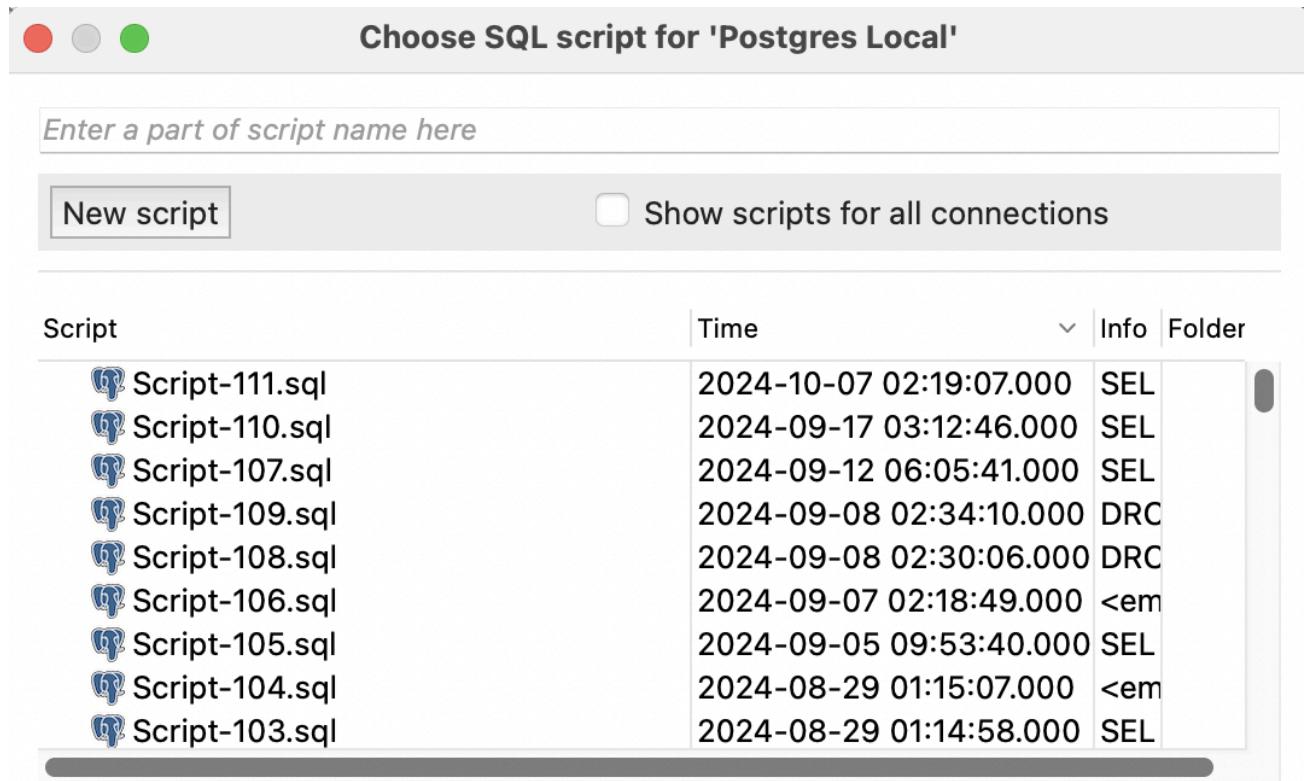


To open a recently used SQL file, follow these steps.

Step 1: Click on the down arrow next to the SQL button on the toolbar, and select Open SQL Script



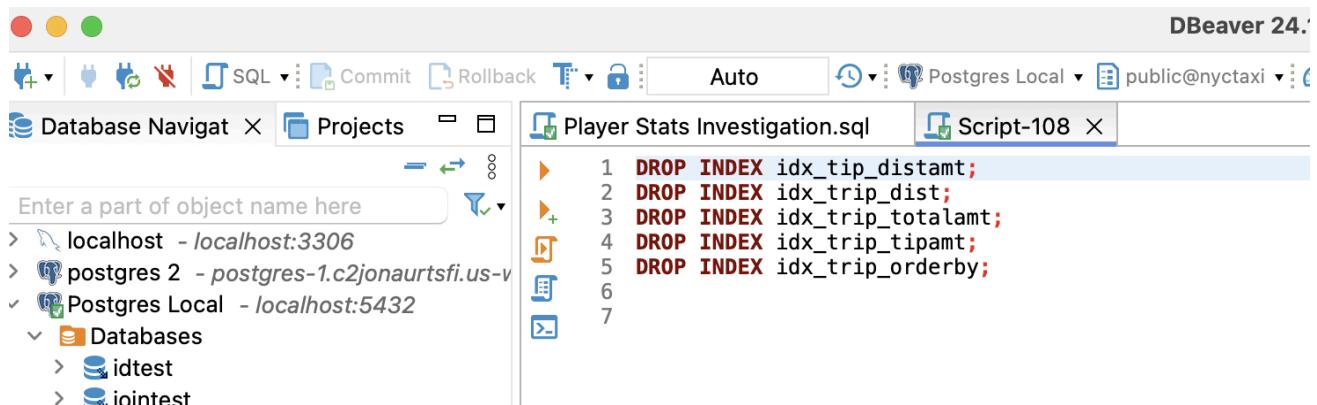
You'll see a Choose Script window.



Step 2: Find the script in the list that you want to open. You can use the textbox at the top, labelled "Enter a part of script name here" to filter the list.

Step 3: Double-click on the script you want to open.

The script is opened in a new tab.



Import a CSV File

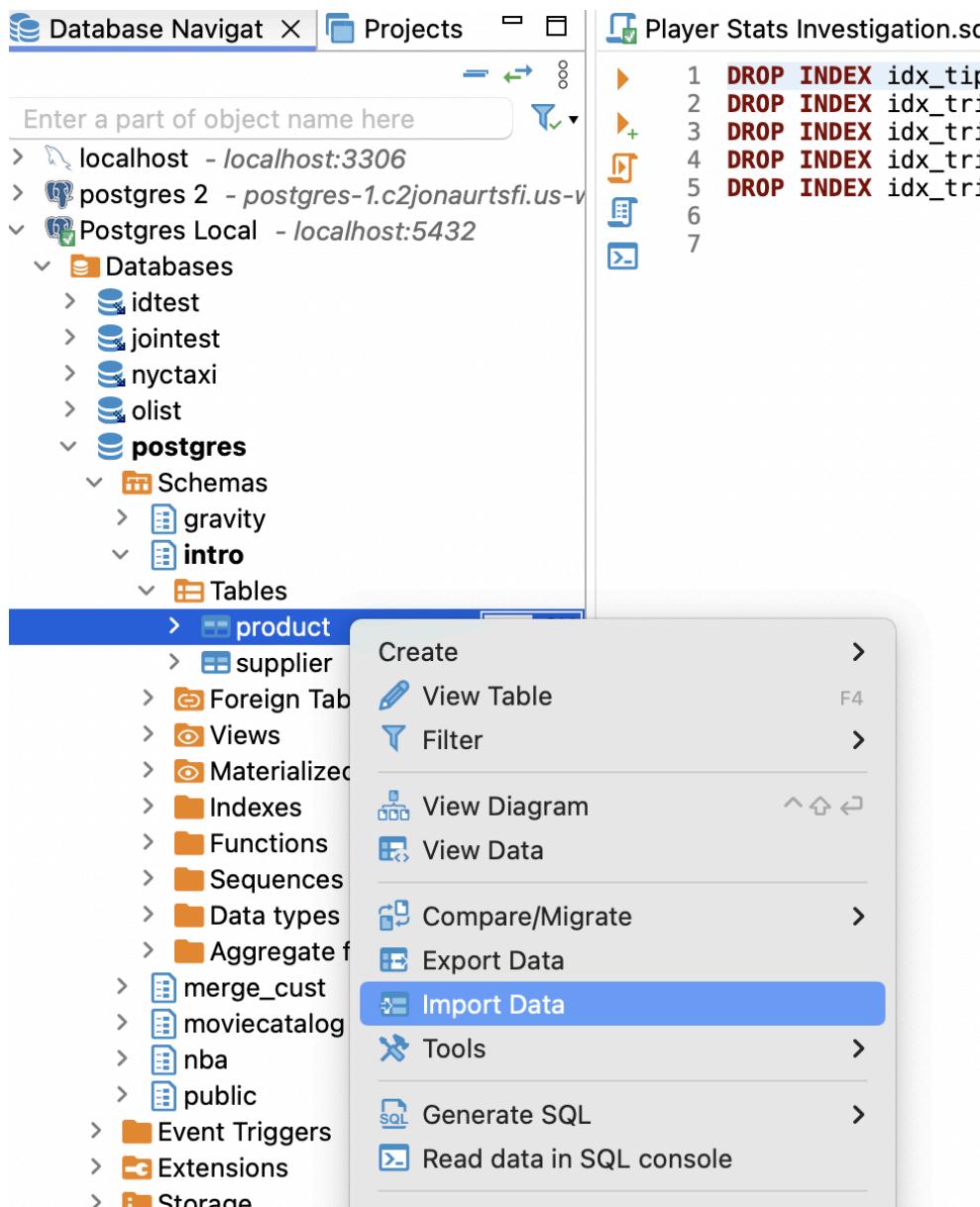
You can import a CSV file into a database in DBeaver, either into an existing table or a new table.

To do this:

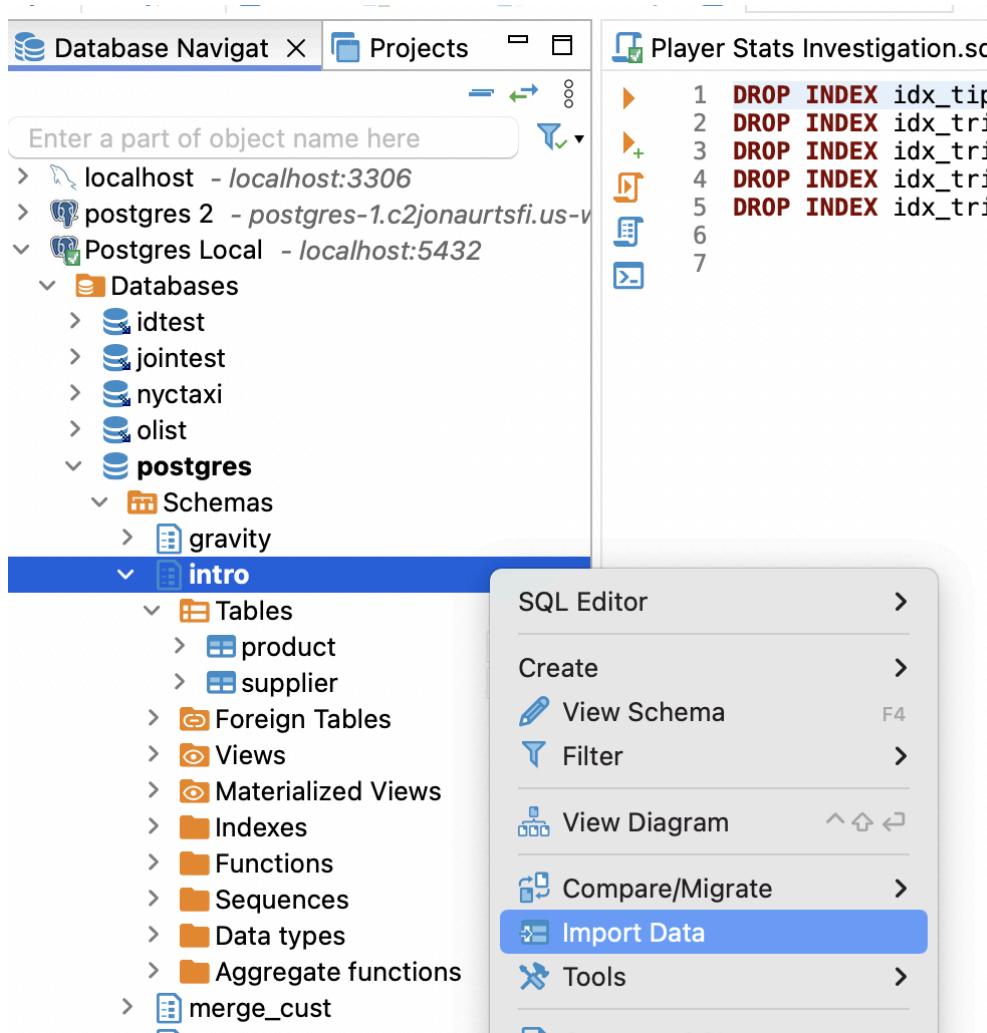
Step 1: Find the database in the Database Navigator that you want to import data into.

Step 2:

If the table already exists: find the table in the schema. Right-click on the table and select Import Data.

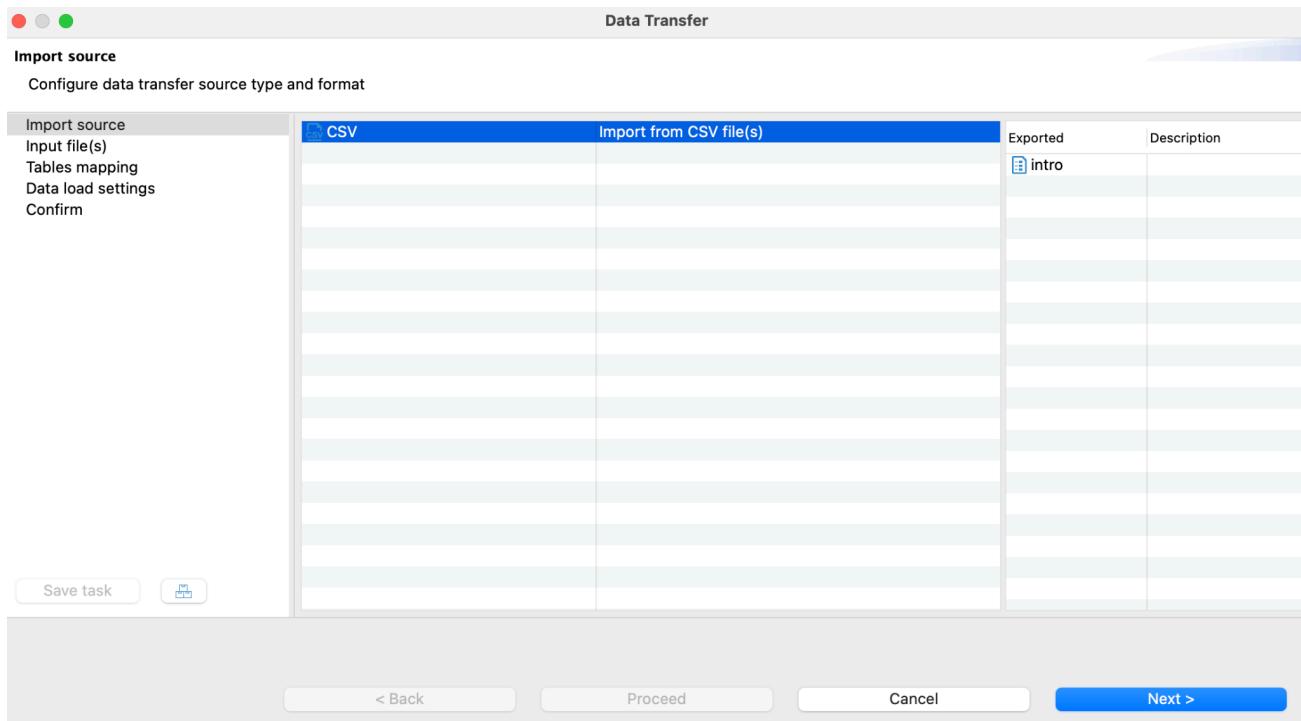


Or, if the table does not exist and you want to create it, right-click on the schema and select Import Data.



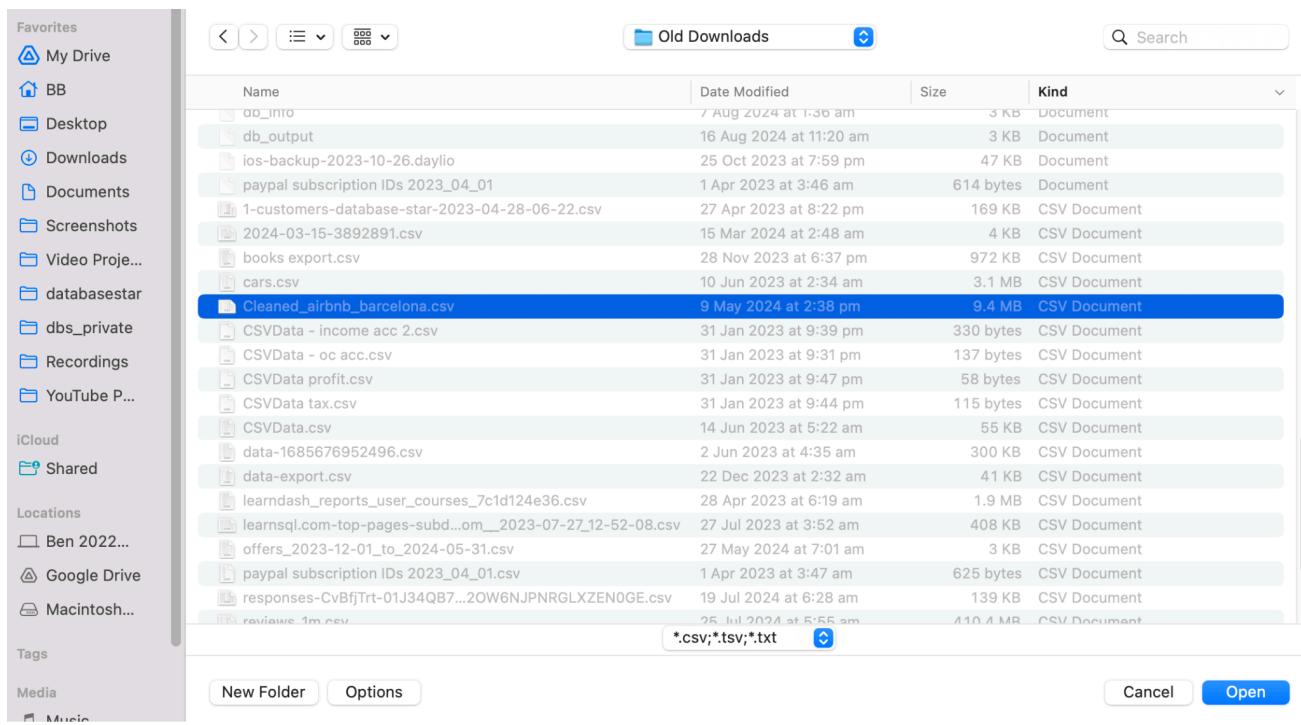
The Data Transfer window will open.

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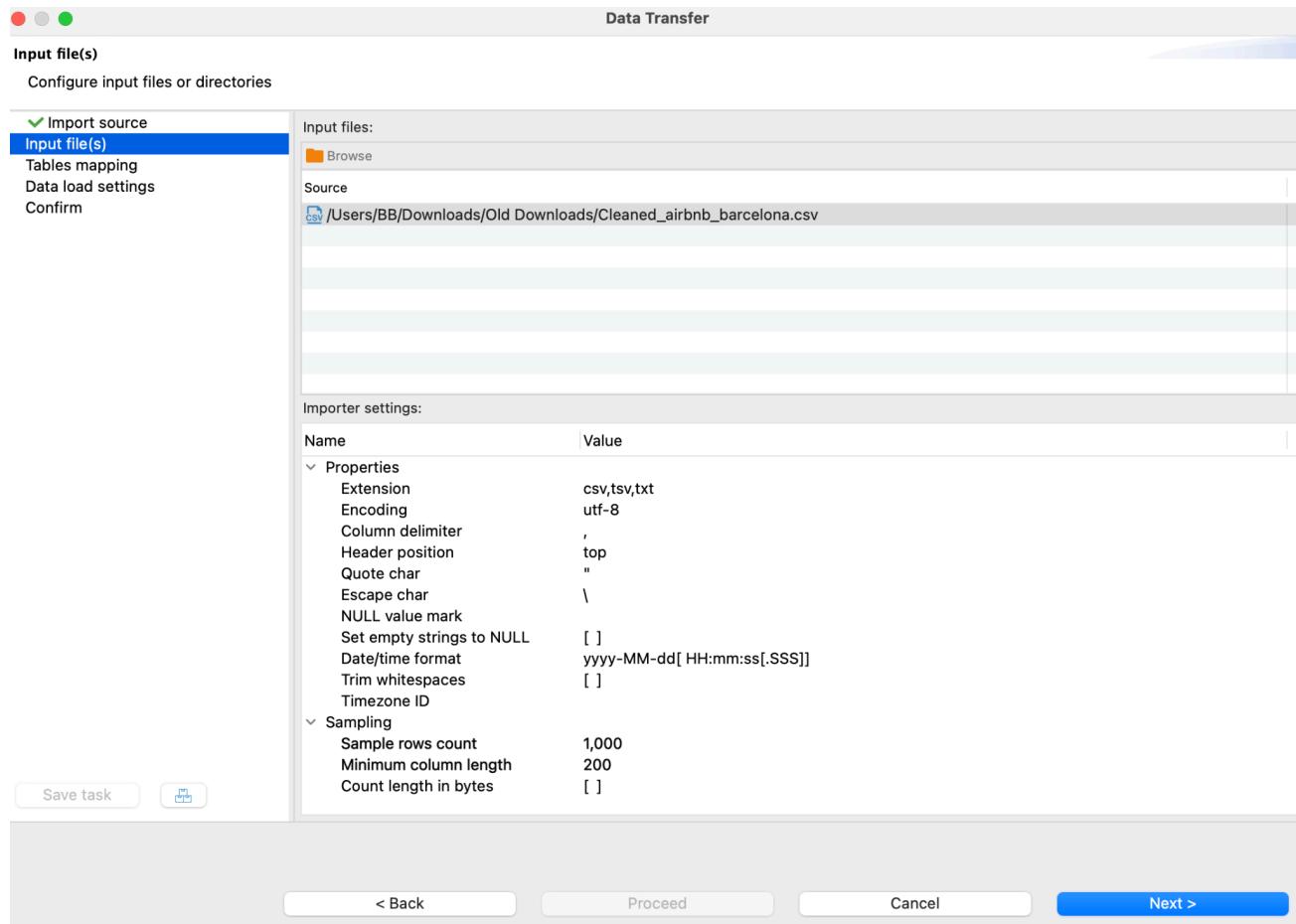
Step 3: Select the source of your data, which is a CSV file, and click Next.

Step 4: Browse to the location of your CSV file and select it.



Step 5: You can change a range of settings on this screen, such as the column delimiter and escape character.

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The defaults are usually OK, but if you have any issues importing data, this is the first screen to review and update.

Click Next.

Step 6: Review the mappings between the CSV and the columns and adjust if necessary. Click Next.

Data Transfer

Tables mapping
Map tables and columns transfer

Import source
 Input file(s)

Tables mapping

Data load settings
Confirm

Source	Target	Mapping	Transform
Cleaned_airbnb_barcelona.csv	cleaned_airbnb_barcelona	create	
123 Column1	"Column1"	create	
123 id	id	create	
123 host_id	host_id	create	
ABC host_is_superhost	host_is_superhost	create	
123 host_listings_count	host_listings_count	create	
ABC neighbourhood	neighbourhood	create	
123 zipcode	zipcode	create	
123 latitude	latitude	create	
123 longitude	longitude	create	
ABC property_type	property_type	create	
ABC room_type	room_type	create	
123 accommodates	accommodates	create	
123 bathrooms	bathrooms	create	
123 bedrooms	bedrooms	create	
123 beds	beds	create	
ABC amenities	amenities	create	
ABC price	price	create	
123 minimum_nights	minimum_nights	create	
ABC has_availability	has_availability	create	
123 availability_30	availability_30	create	
123 availability_60	availability_60	create	
123 availability_90	availability_90	create	
123 availability_365	availability_365	create	
123 number_of_reviews_ltm	number_of_reviews_ltm	create	
123 review_scores_rating	review_scores_rating	create	

Browse ... **Choose ...**
Configure ...
Preview data

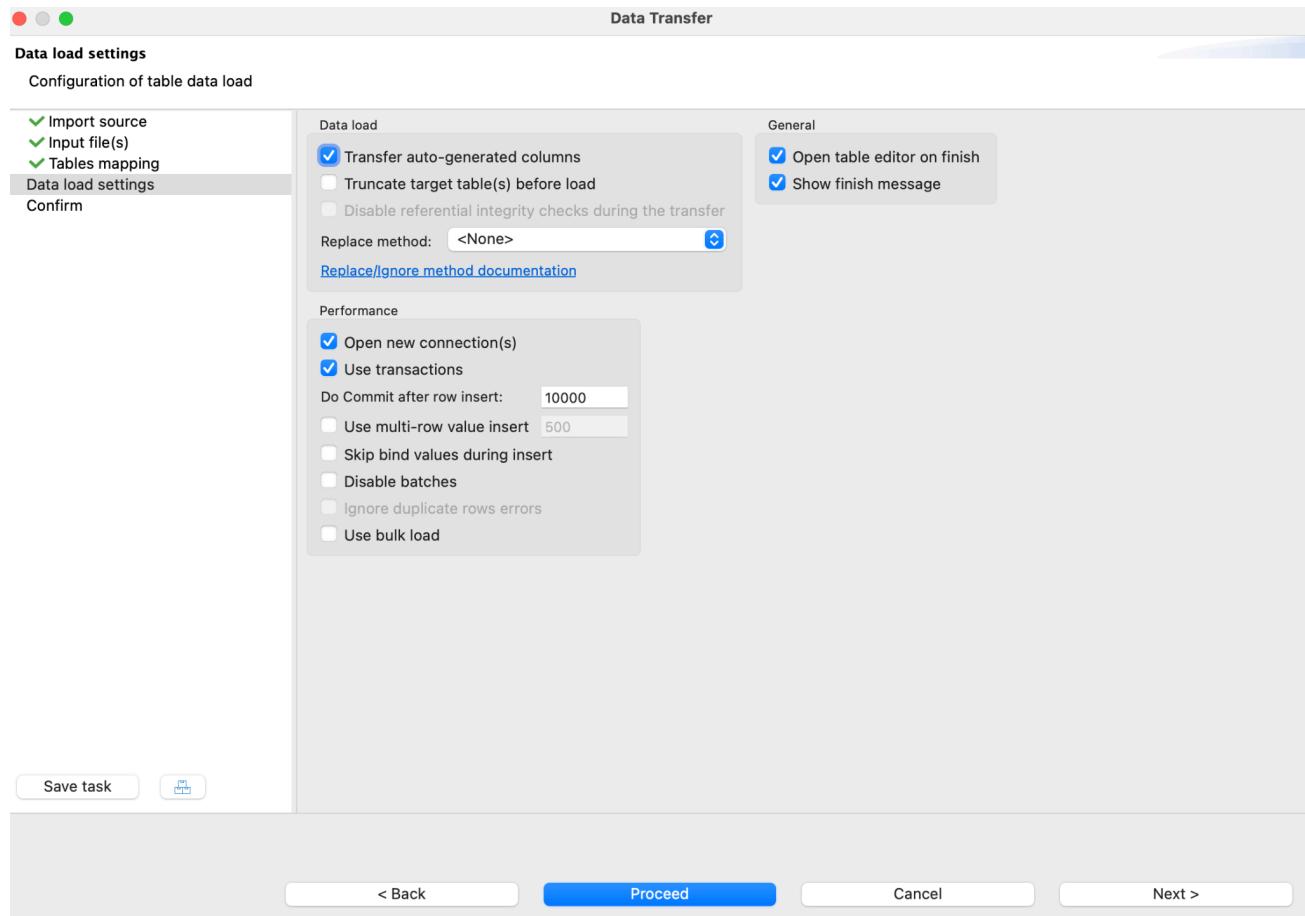
Mapping Rules **Auto assign**

Save task

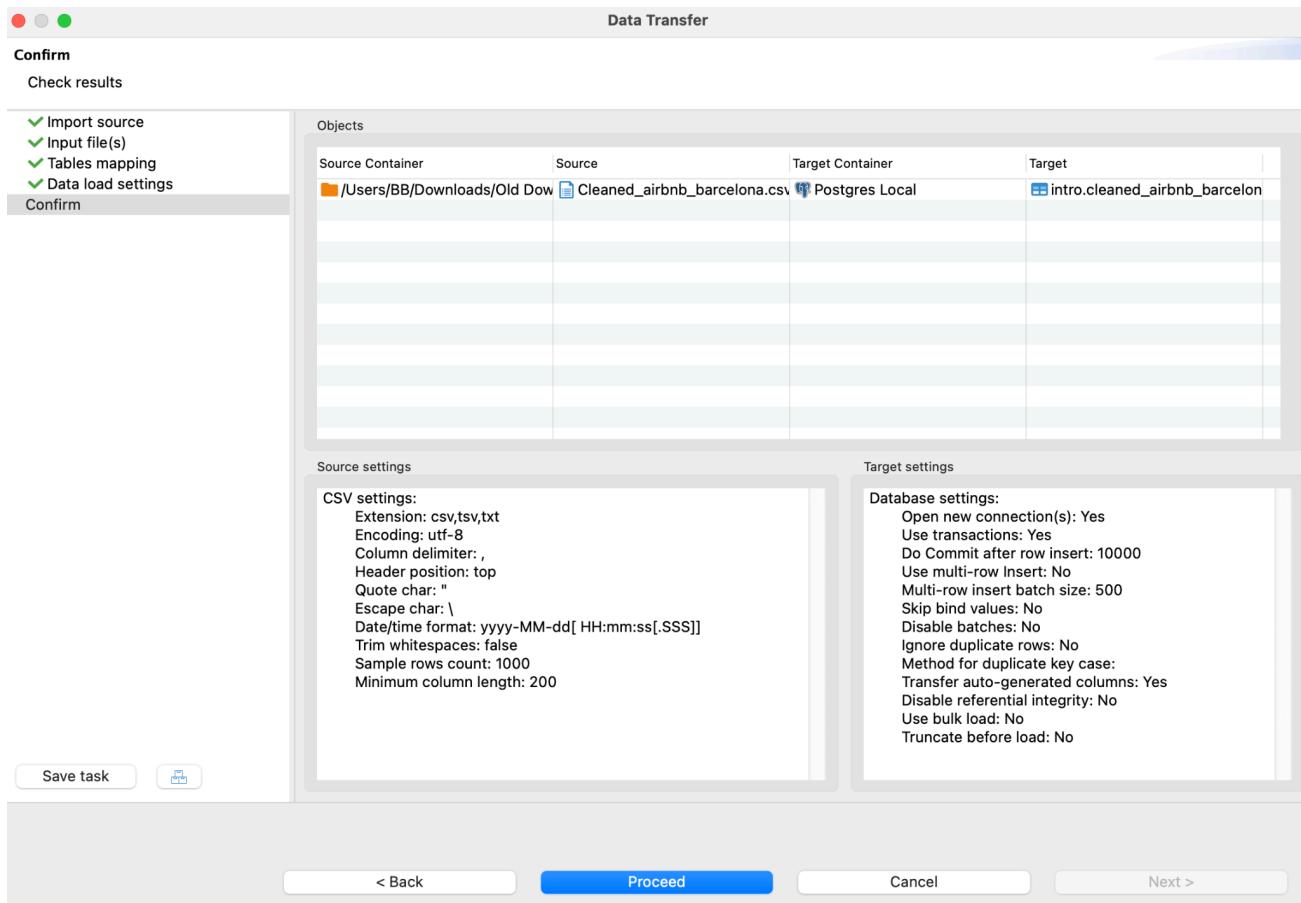
* DEL - skip column(s) SPACE - map existing(s) INSERT - edit name

< Back Proceed Cancel **Next >**

Step 7: Review the options for importing the data, and make any adjustments if necessary. Click Next.



You'll see the Confirmation screen.



Step 8: Click Proceed on the confirmation screen.

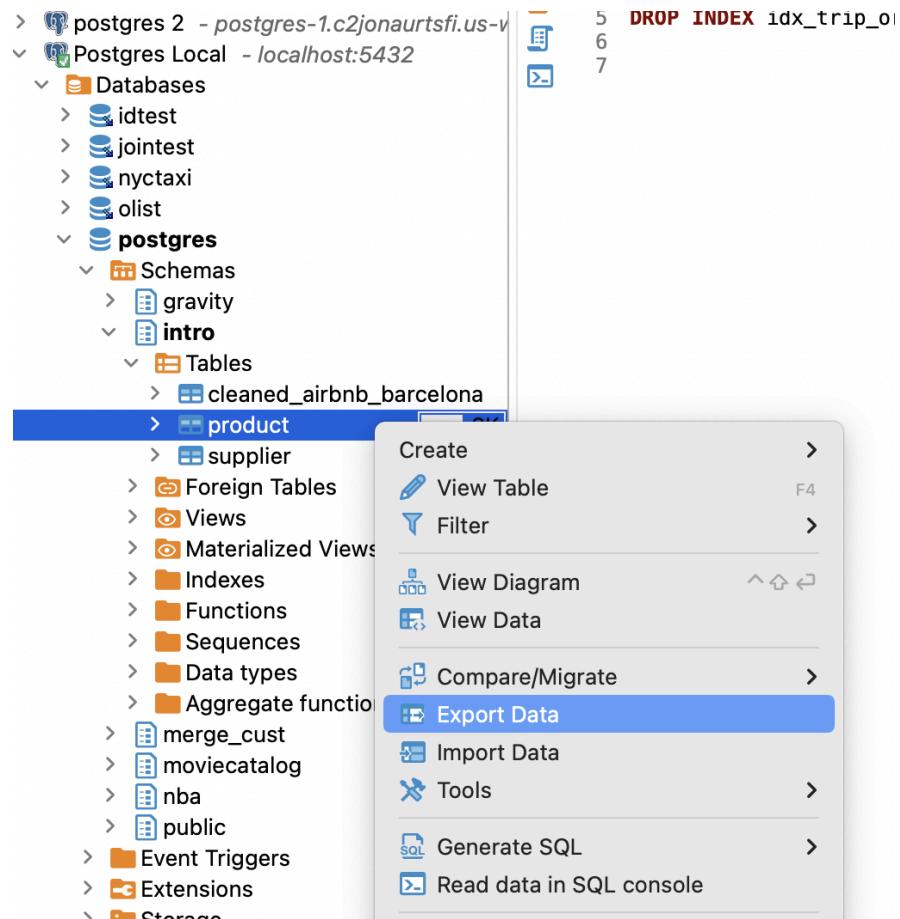
The data will begin importing in the background, and you'll get notified that it has been completed.

Export Table Data

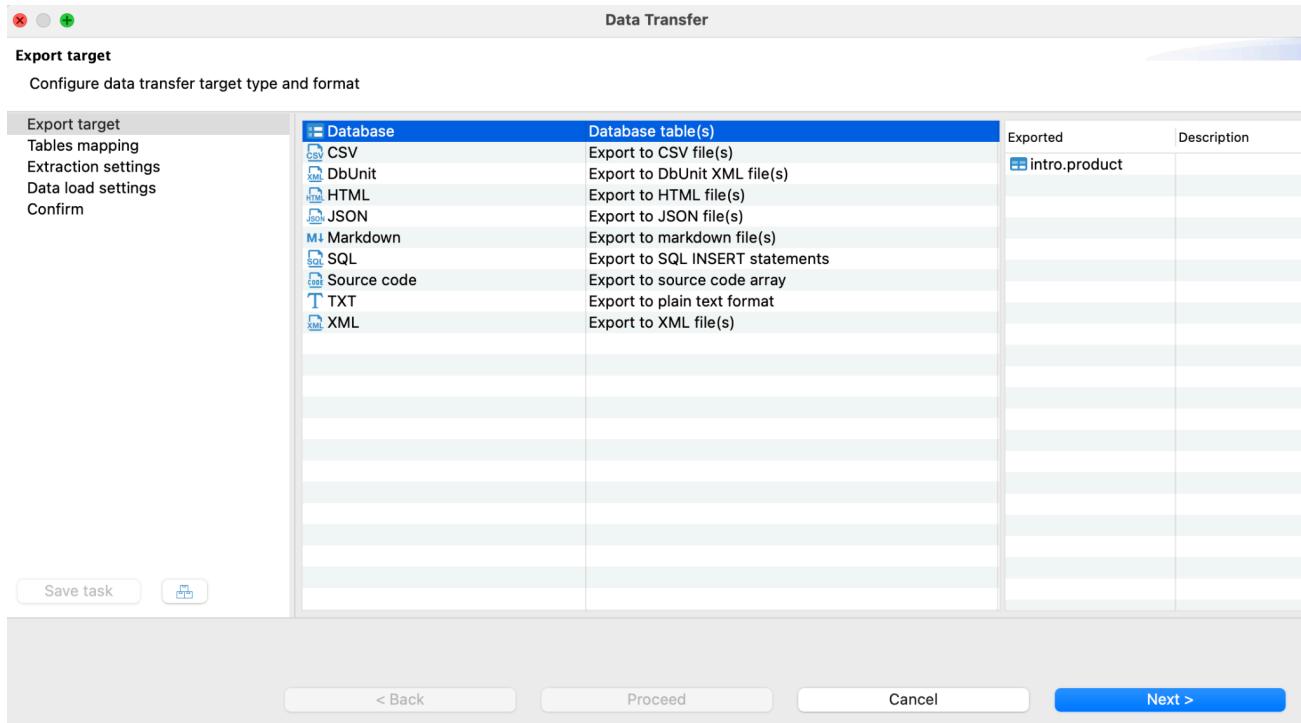
You can export data from a database using DBeaver.

To do this, follow these steps.

Step 1: Right-click on the table you want to export, and select Export Data.

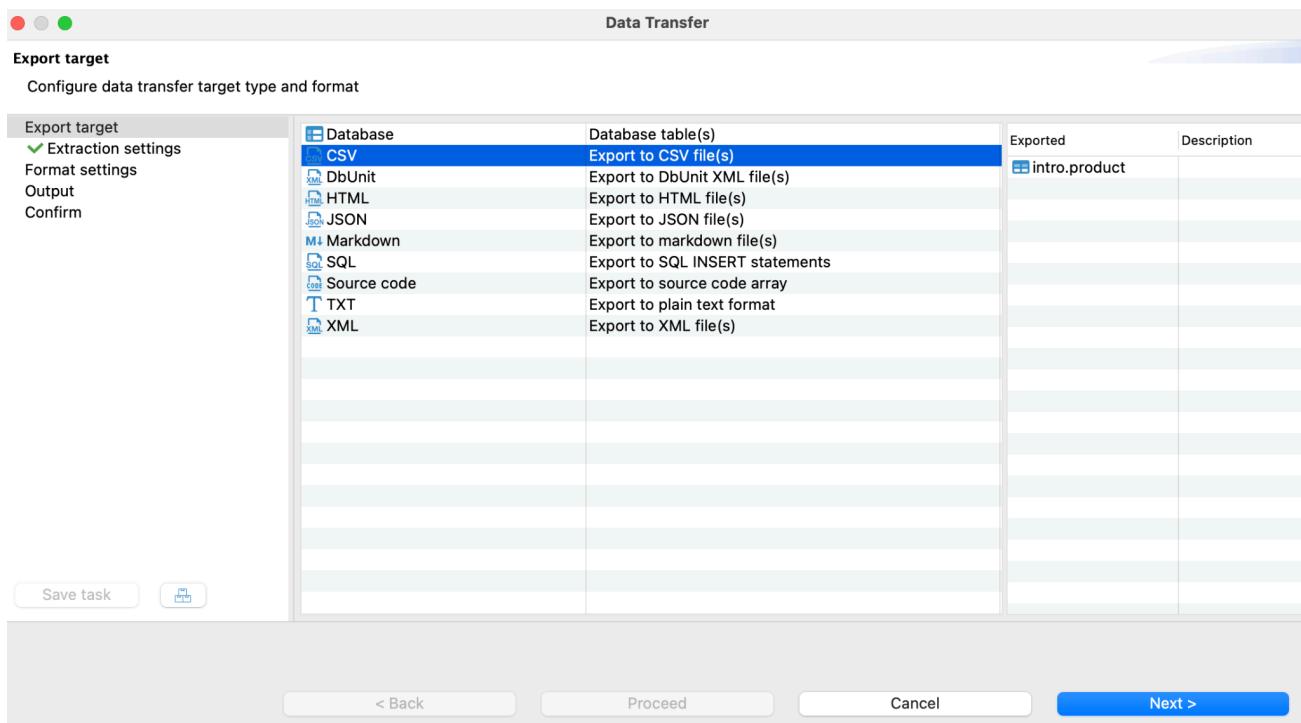


A Data Transfer window will appear.

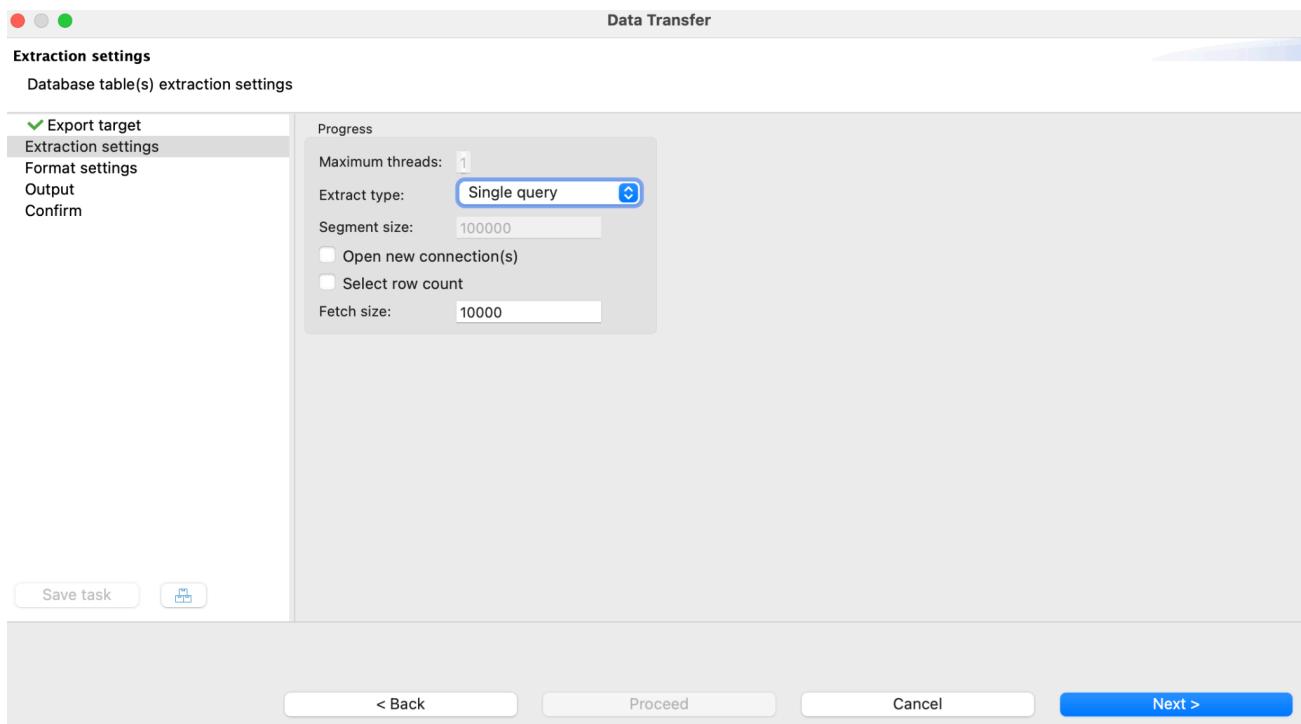


Step 2: Select the format you want to export to, and click Next.

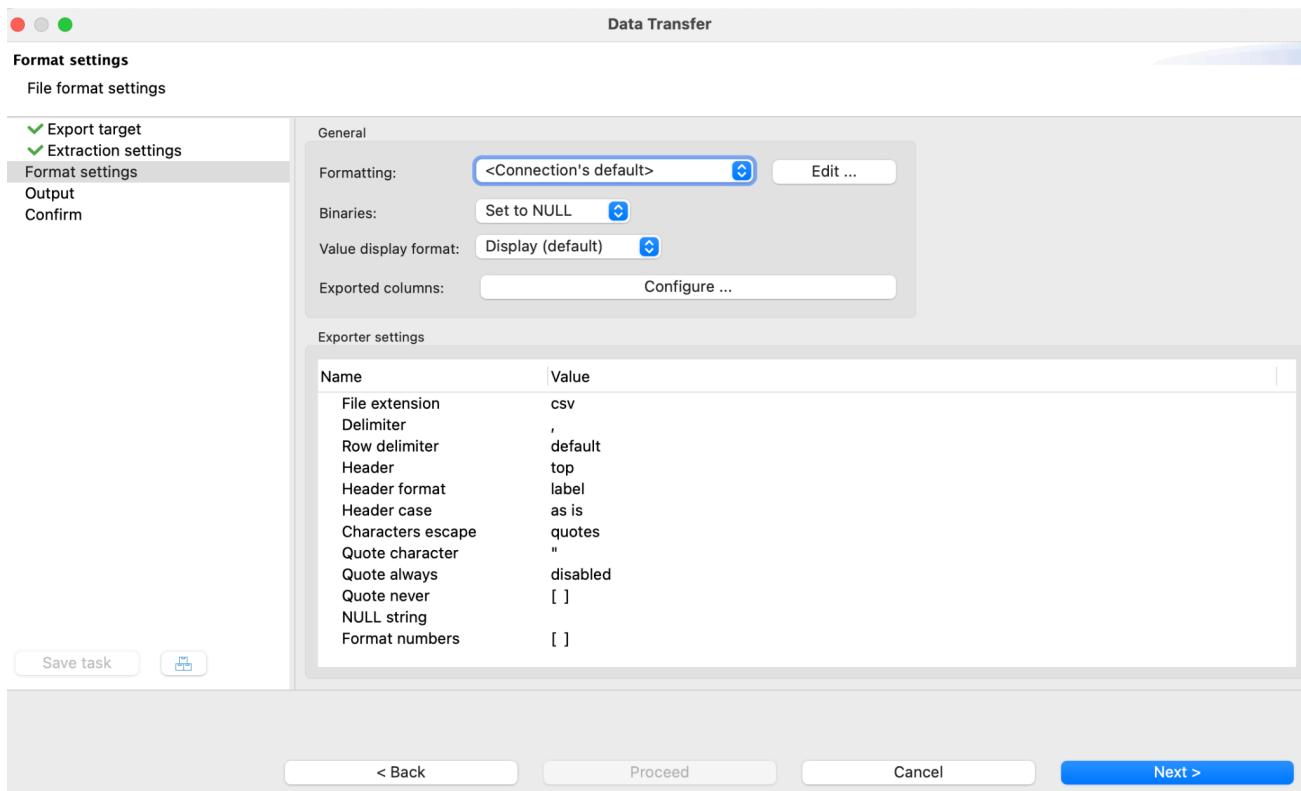
In this example, I'll choose CSV.



Step 3: On the Extraction Settings screen, review the options here and make any adjustments if you need to. Click Next.

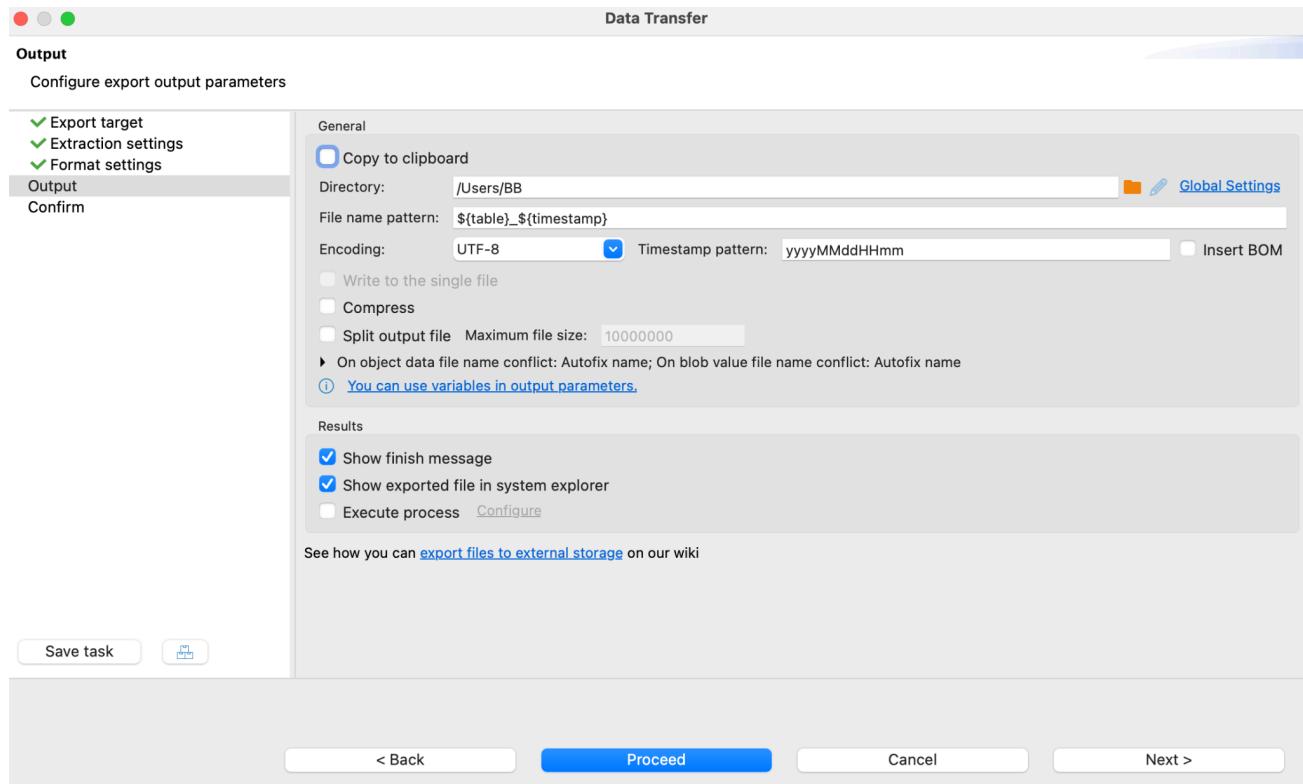


Step 4: On the Format Settings screen, review the values here and make any adjustments if needed. Click Next.

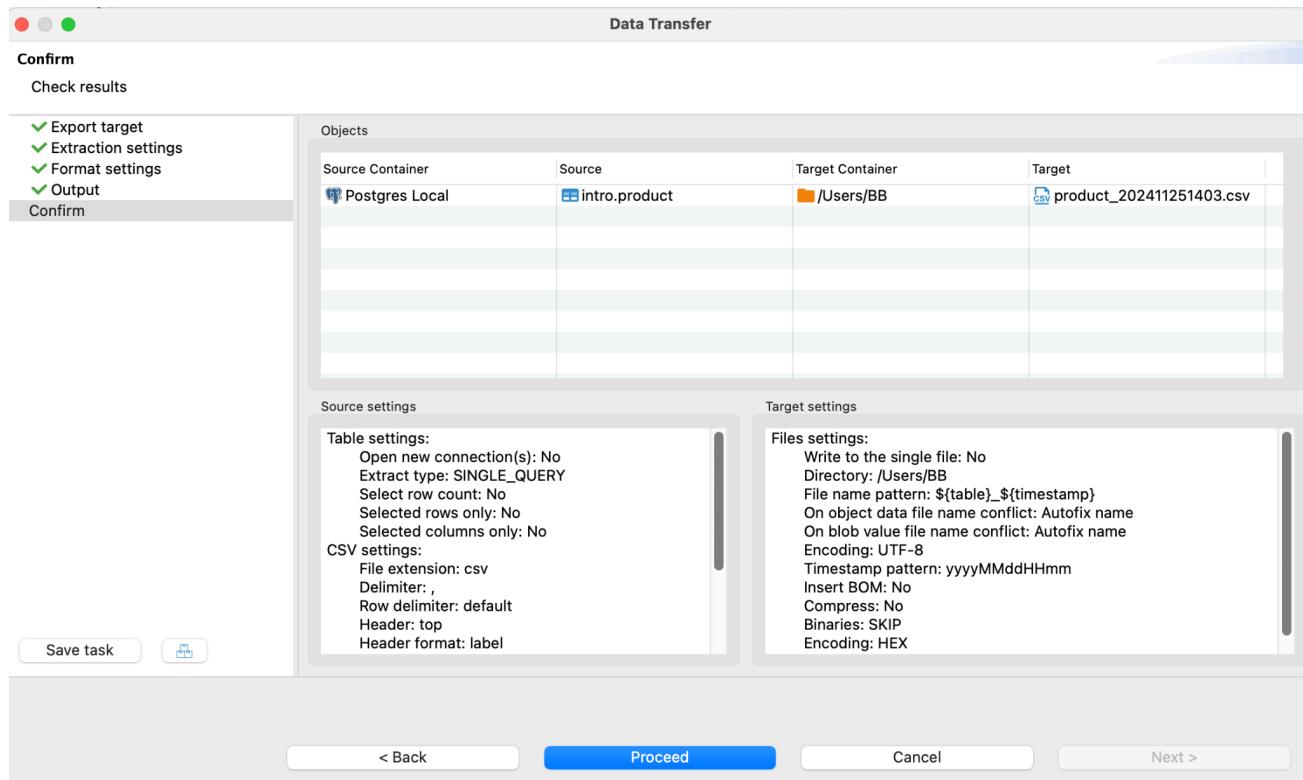


Step 4: On the Output screen, select the location to save the file. You can also choose the format of the filename. Click Next.

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Step 5: On the Confirmation screen, you can see a summary of your settings. Click Start, and the export process will start.



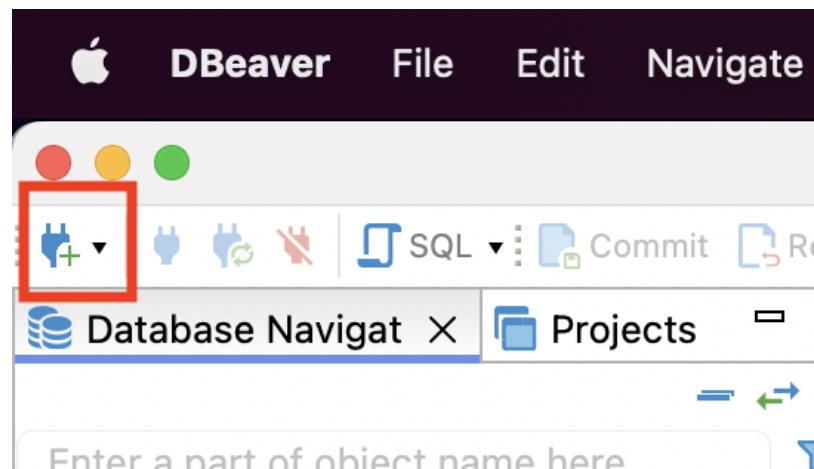
Once the export process has finished, the file will be created.

Connect to a Database

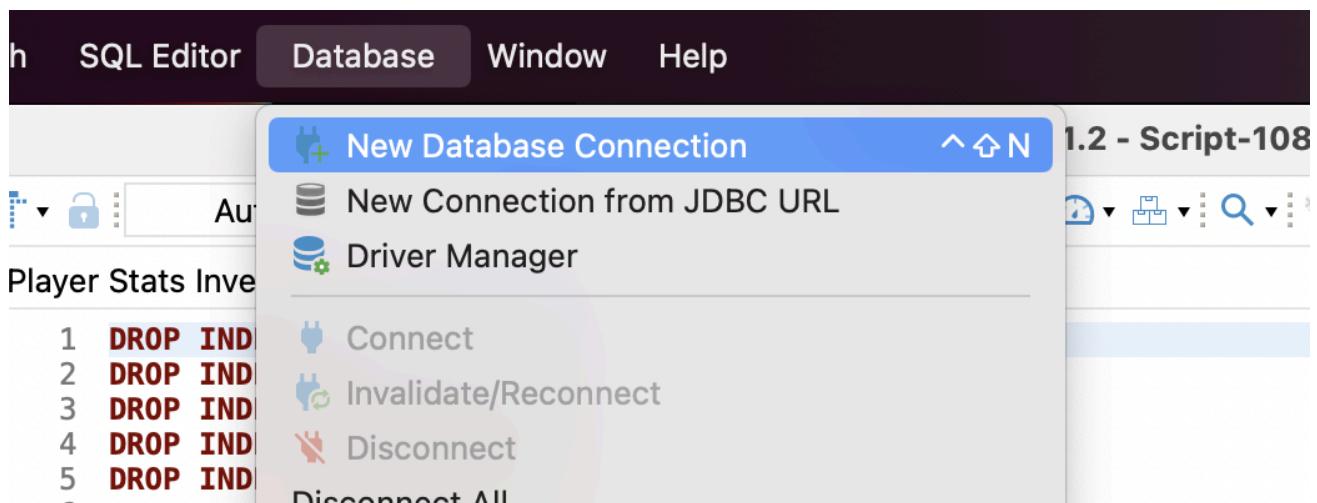
DBeaver, like many SQL editors, allows you to create one or more connections to databases.

To create a connection:

Step 1: Click on the first icon on the toolbar to start creating a new connection.



Alternatively, go to the Database menu and select New Database Connection.

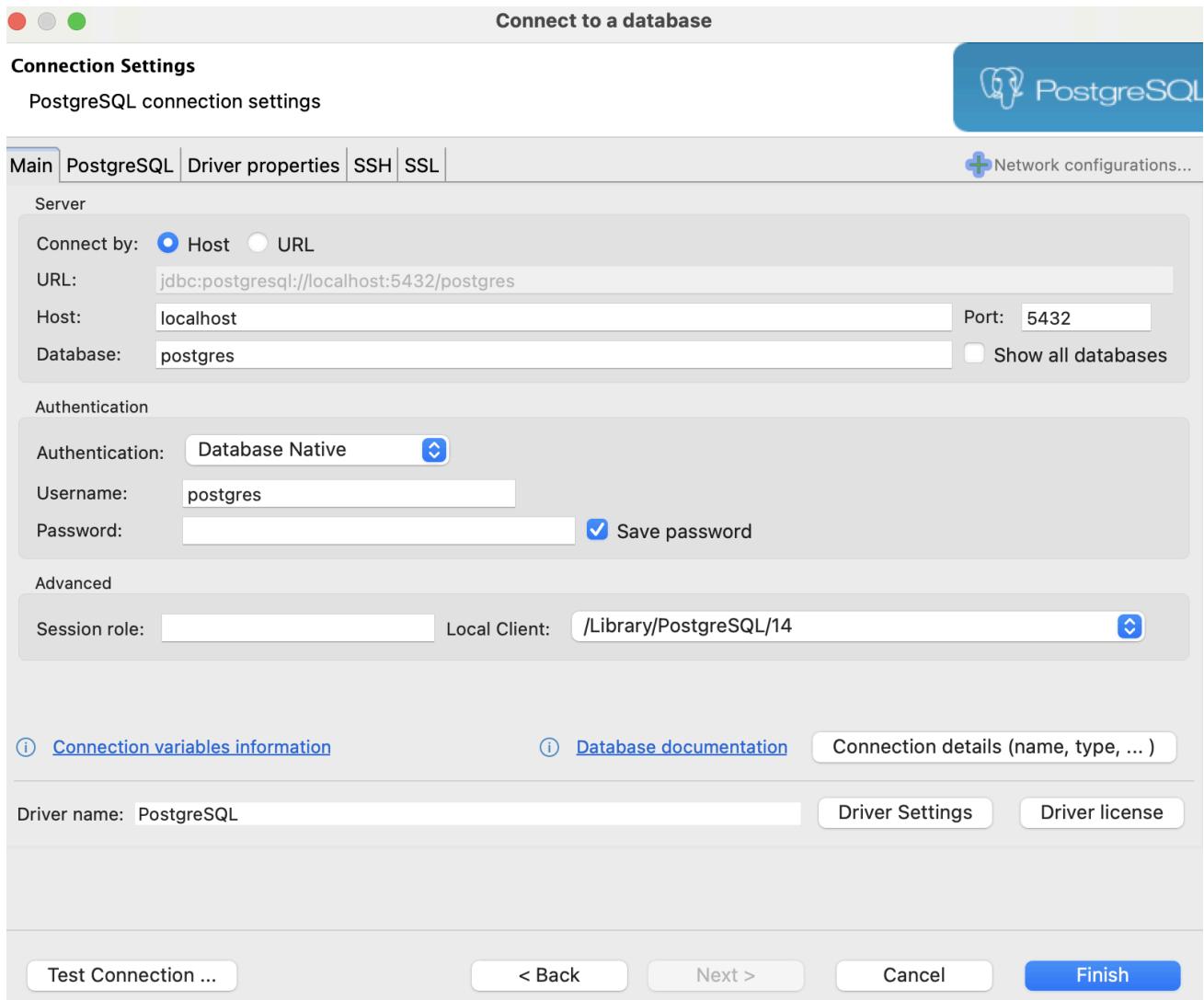


You'll see the Connect to a Database window.



Step 2: Choose the vendor of the database you are connecting to, and click Next.

Step 3: Enter the details for your specific database.



The details will depend on:

- your database vendor (for example, Oracle, SQL Server, MySQL, or Oracle)
- where your database is (for example, on your computer, your company's server, or cloud hosted)
- the username and password that has been set up for you

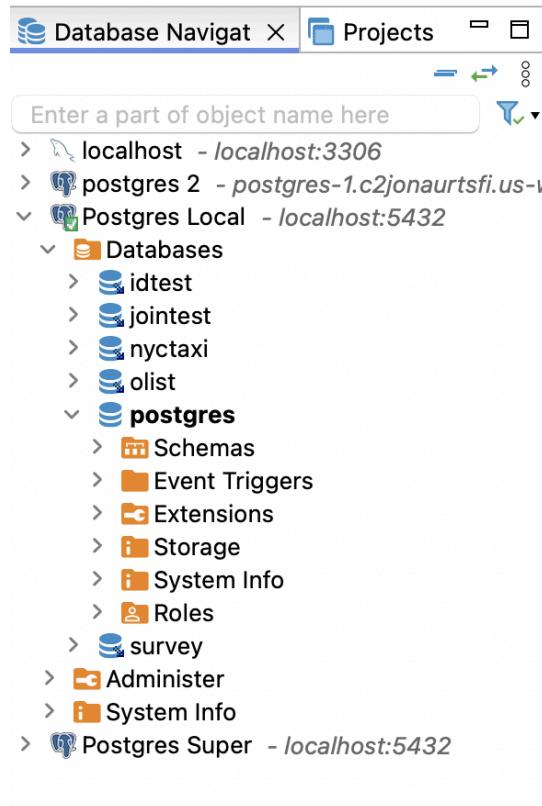
Step 4: Click the Test Connection button to test that the details are correct.

Step 5: Once the details are correct, click Finish. The connection will be saved, and you can see it in the Database Navigator panel.

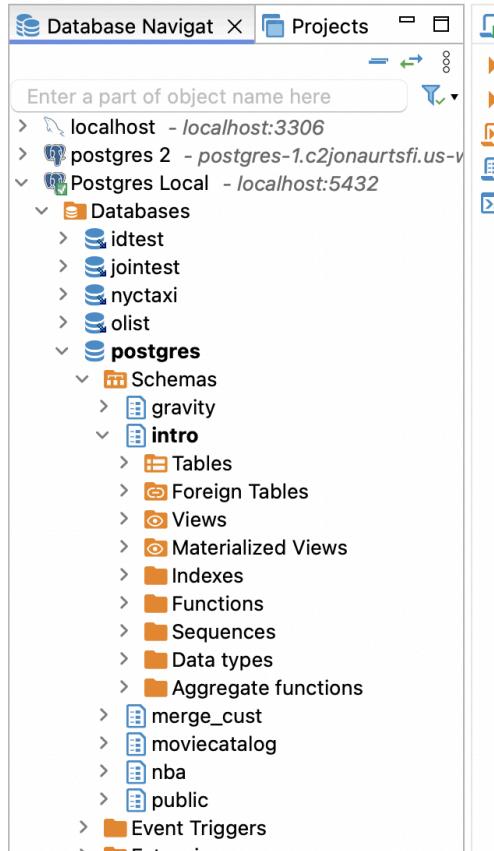
See Tables in the Database

To see a list of tables in your database, you can use the Database Navigator.

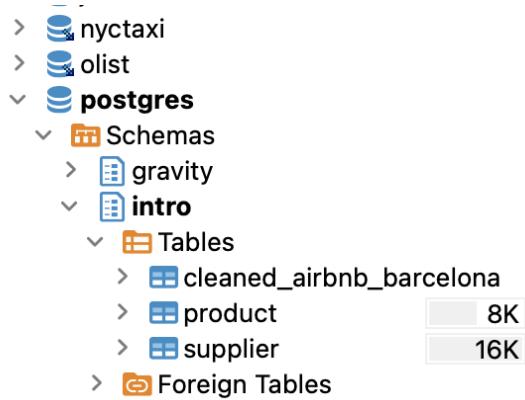
Step 1: Expand your connection in the Database Navigator, then Databases, then your database.



Step 2: If your database has Schemas, expand the Schemas entry, then your schema.



Step 3: Expand the Tables entry.



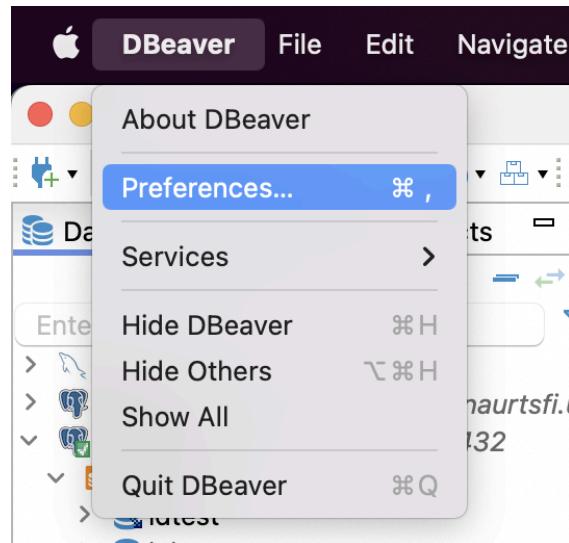
You'll then see a list of the tables in your database.

Set Dark Mode

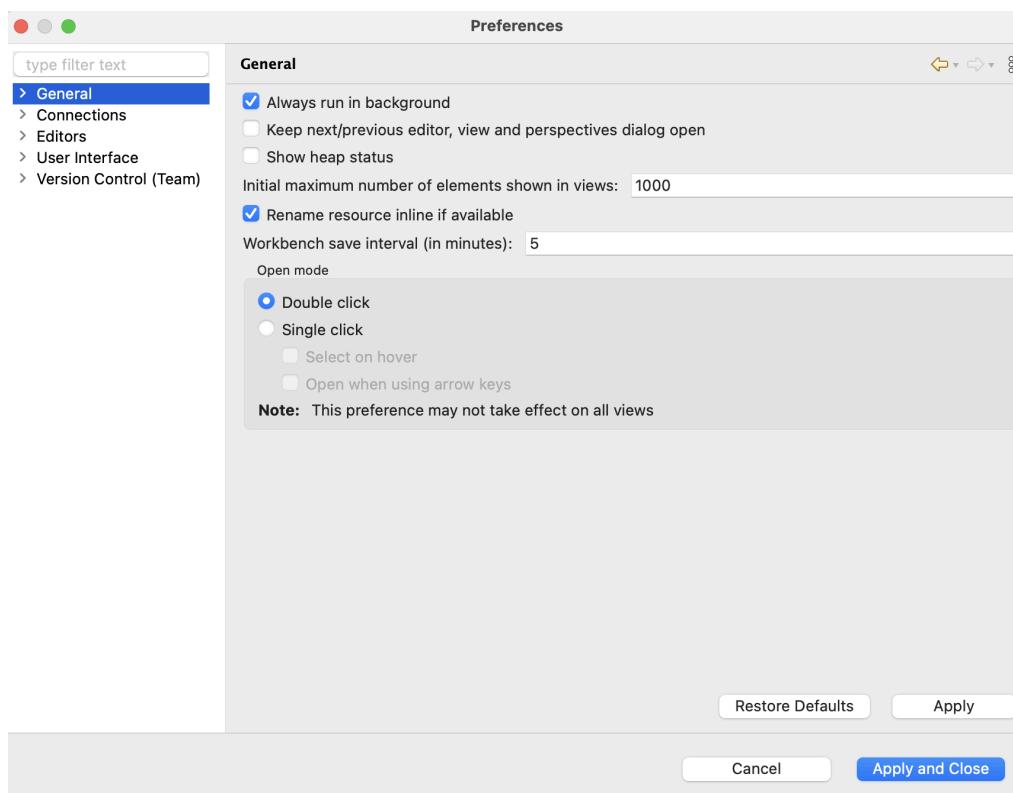
DBeaver comes with Dark Mode.

To enable this:

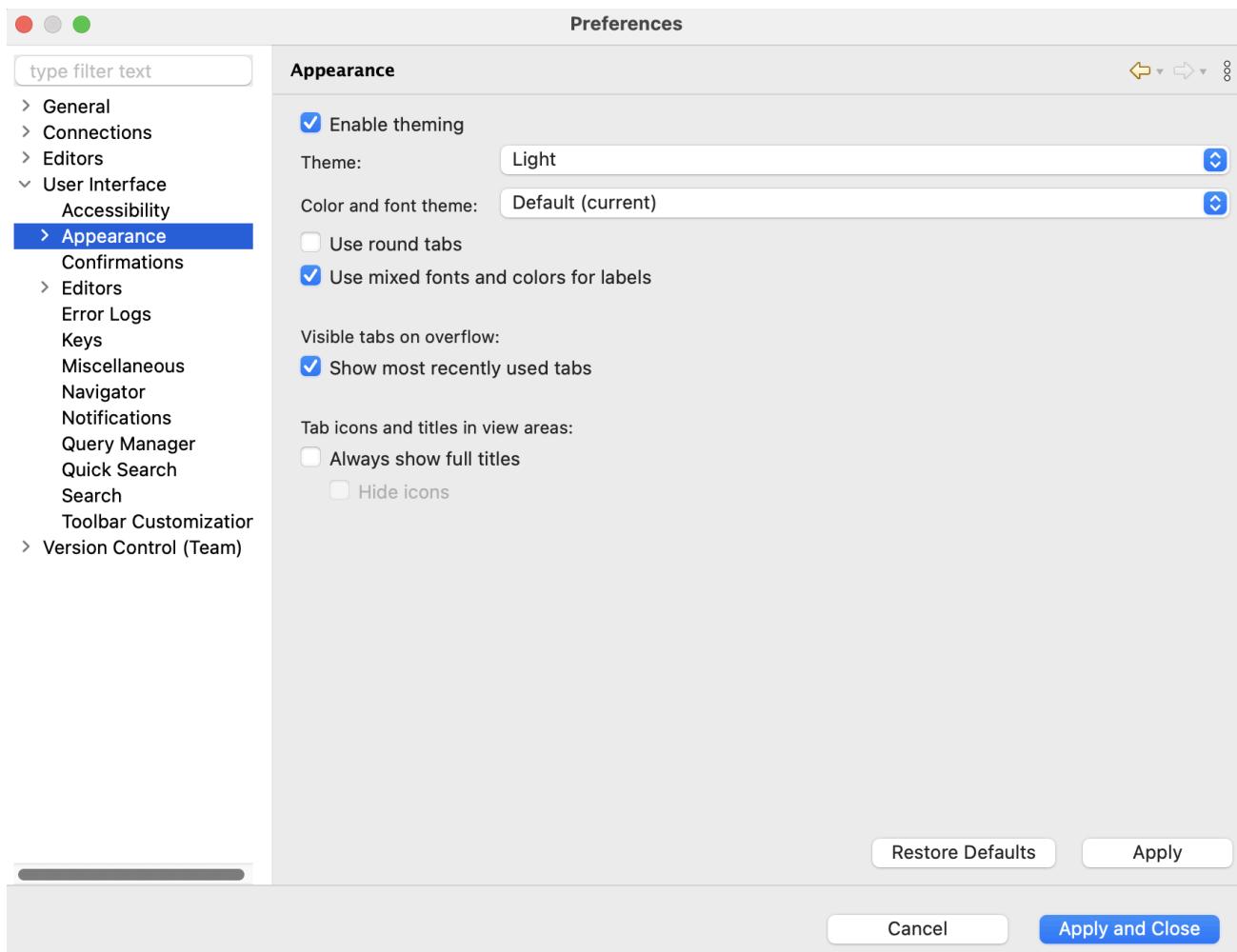
Step 1: Go to the DBeaver menu and select Preferences.



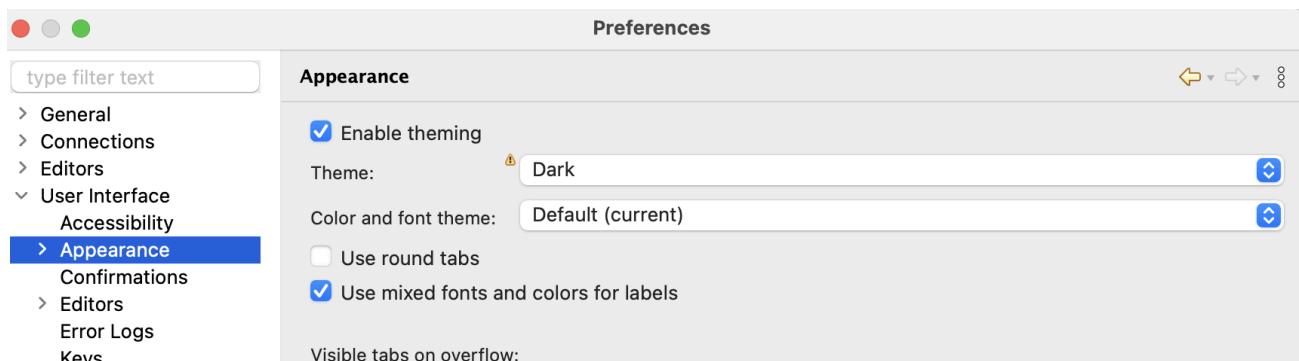
You'll see the Preferences window.



Step 2: Expand the User Interface entry on the left, and select Appearance.

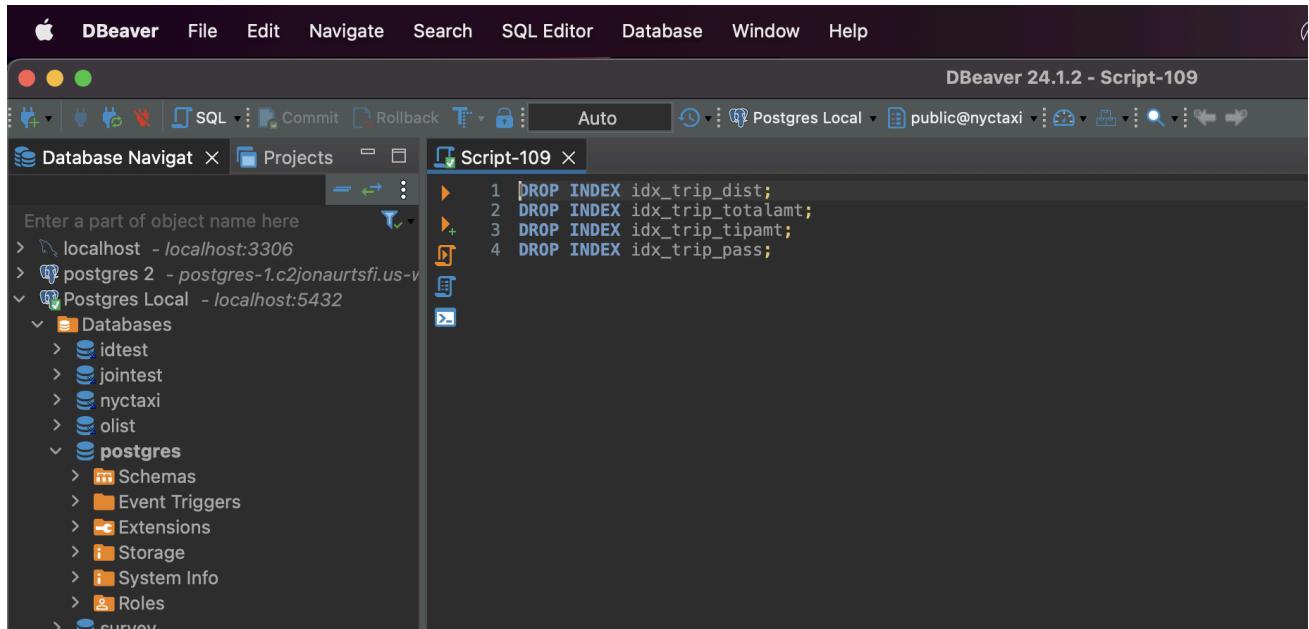


Step 3: In the Theme drop-down, select Dark.



Step 4: Click Apply and Close.

The Dark Mode theme will be applied.



To change it back, repeat the above steps and select the Light theme.

Helpful Shortcuts

Here are some helpful shortcuts to remember when using DBeaver.

Action	Shortcut (Windows)	Shortcut (Mac)
New SQL Script	Ctrl +]	Ctrl +]
Open SQL Script	F3	F3
Open File	Ctrl + O	Ctrl + O
Quick Search	Ctrl + Alt + Shift + F	Ctrl + Option + Shift + F
Save	Ctrl + S	Cmd + S
New Database Connection	Ctrl + Shift + N	Ctrl + Shift + N
Execute SQL query	Ctrl + Enter	Cmd + Enter
Execute SQL script	Alt + X	Option + X
Explain Execution Plan	Ctrl + Shift + E	Option + Shift + E
Toggle Results Panel	Ctrl + T	Option + T
Toggle block selection in the editor	Alt + Shift + A	Option + Shift + A

Conclusion

I hope you find this cheat sheet helpful when you use DBeaver.

If you have any questions, let me know at ben@databasestar.com

Thanks,

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