

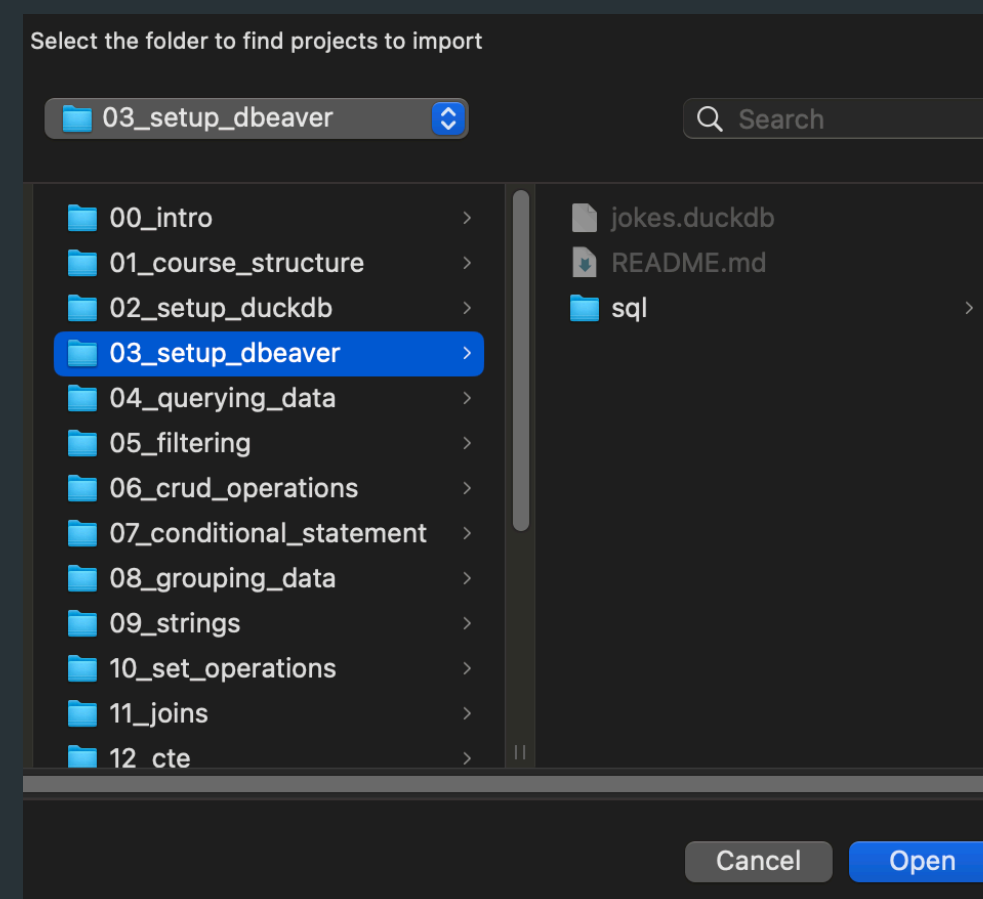
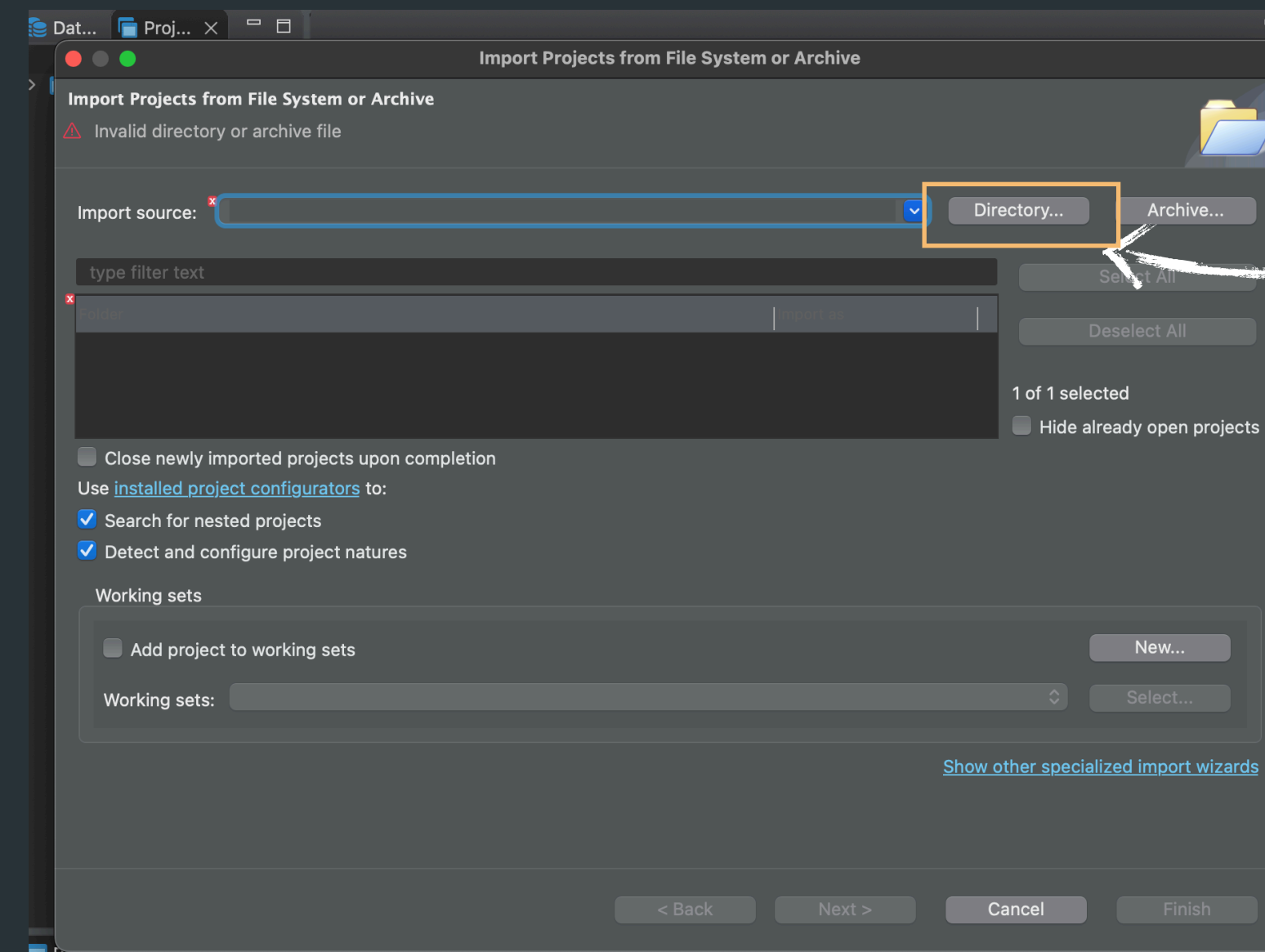
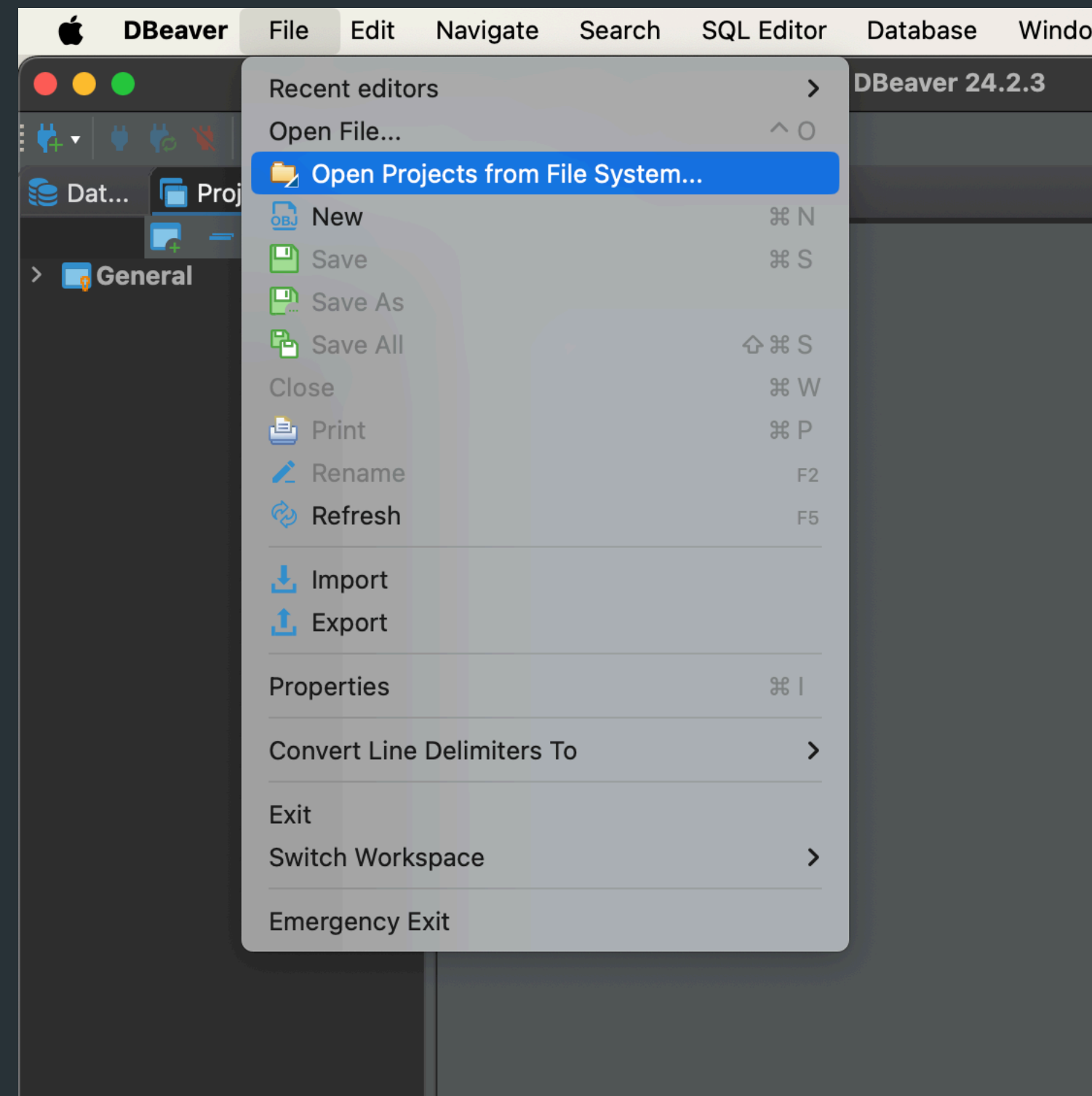
kokchun giang

navigating around
in **dbeaver**, a
universal database
management tool



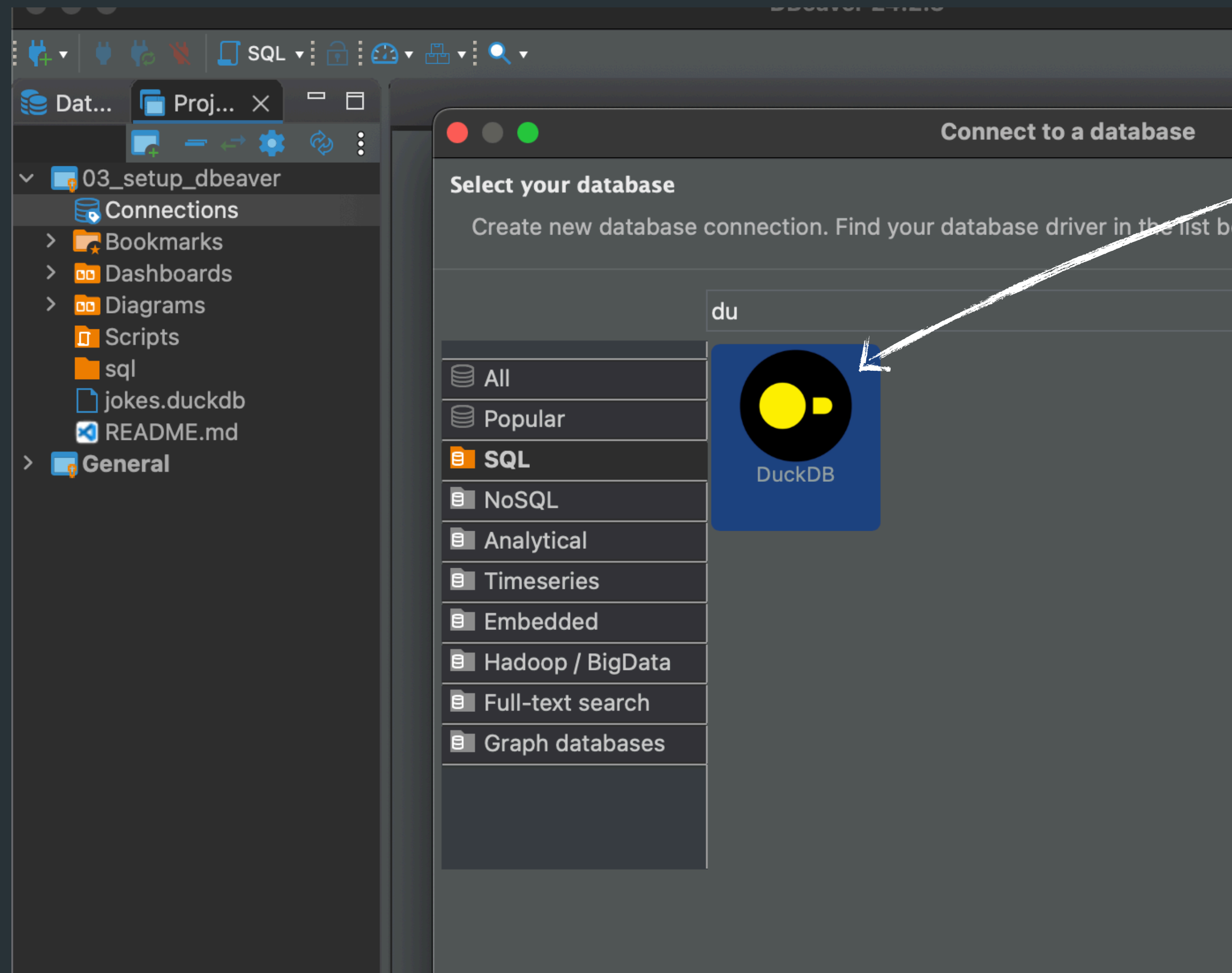
creating a **project** from existing directory

click here to choose
directory to import as
project



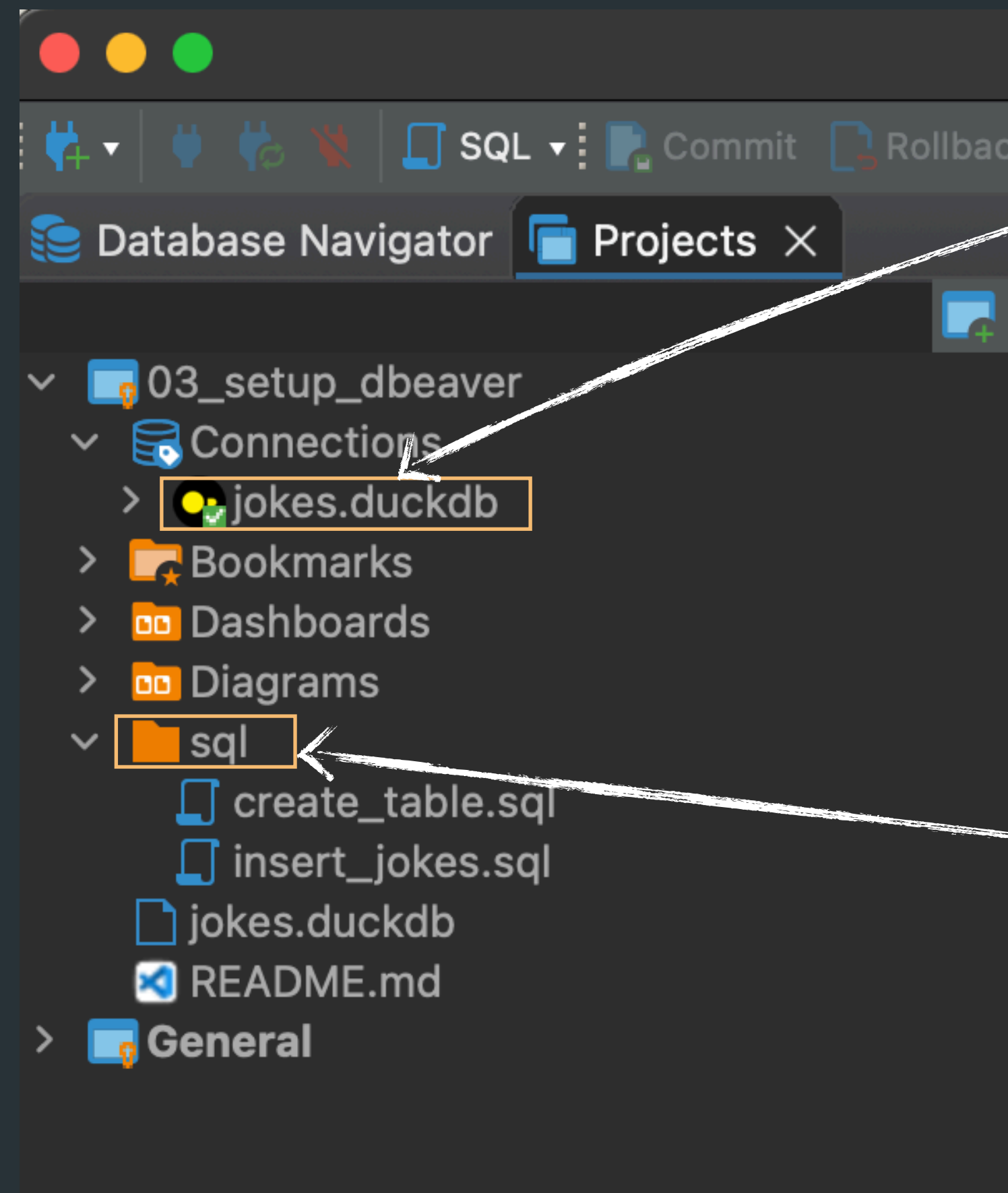
choose the lecture/
directory you currently
work on

creating a **connection** to a duckdb database from your project



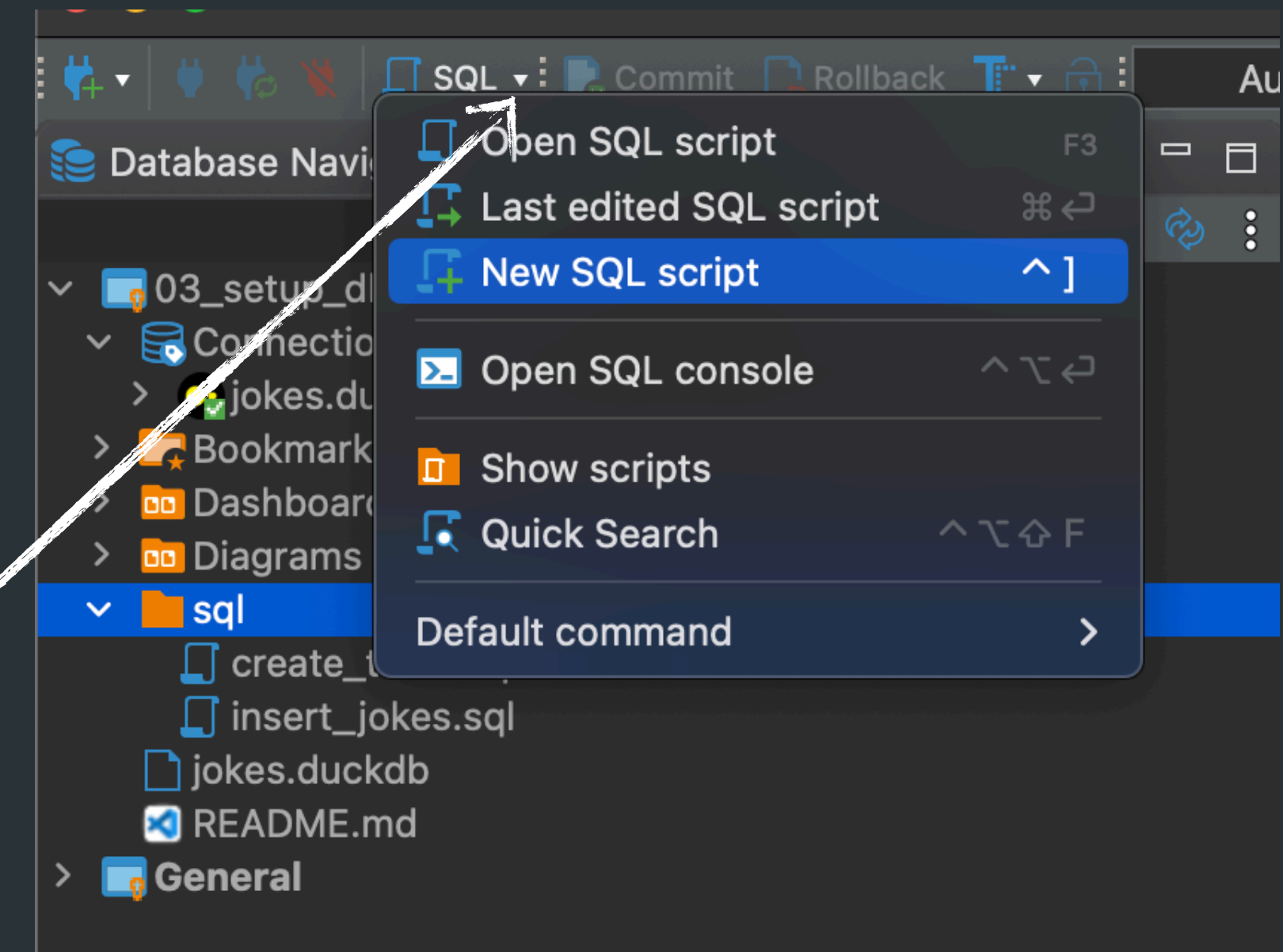
click duckdb and select
path to your database file

creating **sql scripts** to run commands to duckdb connection



green tick indicates
connected to
database
jokes.duckdb

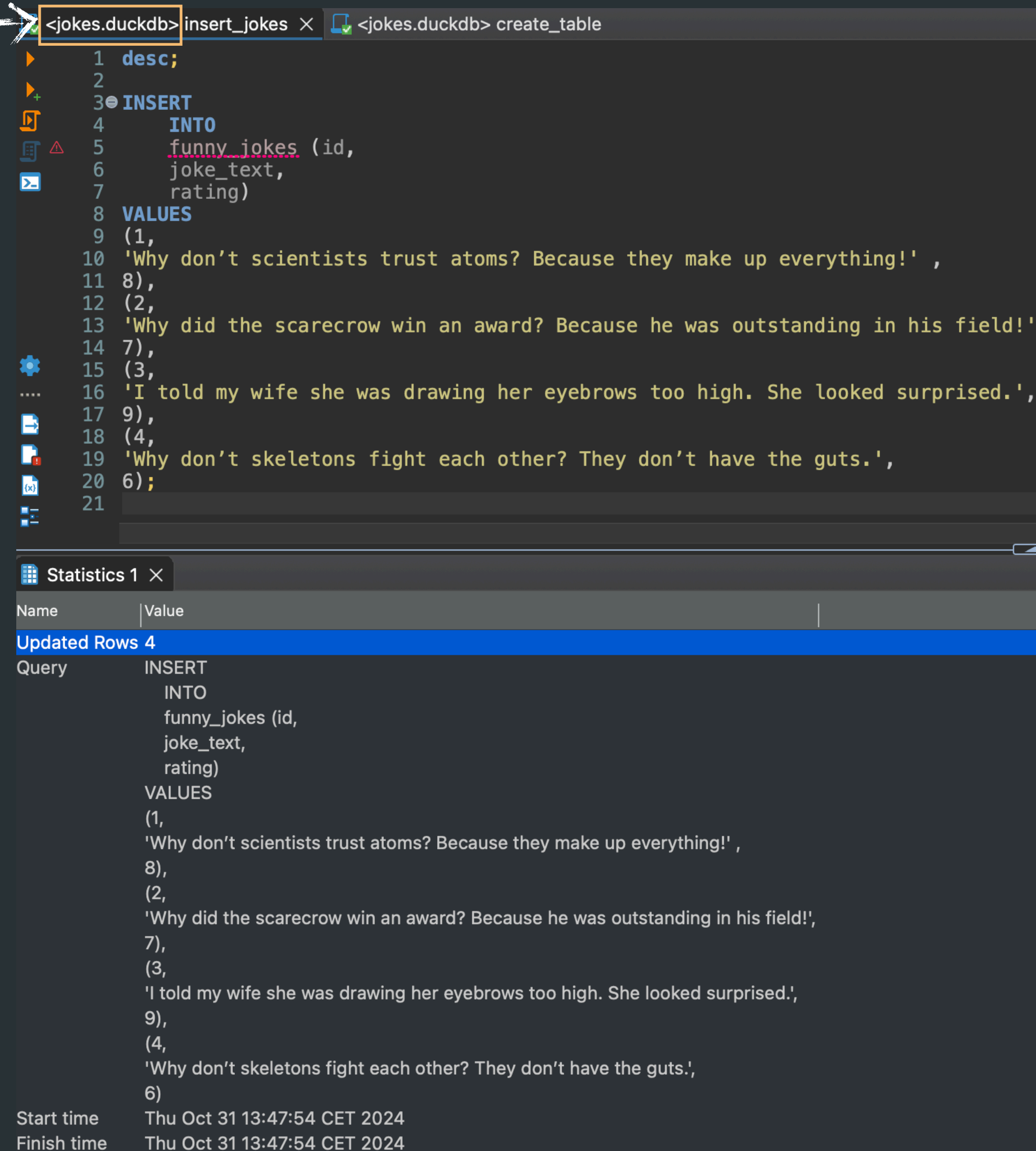
create SQL scripts
here by marking this
folder and clicking the
SQL arrow



inserting data from sql script

this shows the script runs on the connection to jokes.duckdb

if it says none, you need to choose to connect an active data source



The screenshot shows a SQL editor with two tabs: "<jokes.duckdb> insert_jokes" and "<jokes.duckdb> create_table". The active tab contains an SQL script:

```
1 desc;
2
3 INSERT
4 INTO
5   funny_jokes (id,
6   joke_text,
7   rating)
8 VALUES
9 (1,
10 'Why don't scientists trust atoms? Because they make up everything!' ,
11 8),
12 (2,
13 'Why did the scarecrow win an award? Because he was outstanding in his field!',
14 7),
15 (3,
16 'I told my wife she was drawing her eyebrows too high. She looked surprised.',
17 9),
18 (4,
19 'Why don't skeletons fight each other? They don't have the guts.',
20 6);
21
```

Below the script, a "Statistics 1" panel shows the execution results:

Name	Value
Updated Rows 4	
Query	INSERT INTO funny_jokes (id, joke_text, rating) VALUES (1, 'Why don't scientists trust atoms? Because they make up everything!' , 8), (2, 'Why did the scarecrow win an award? Because he was outstanding in his field!', 7), (3, 'I told my wife she was drawing her eyebrows too high. She looked surprised.', 9), (4, 'Why don't skeletons fight each other? They don't have the guts.', 6)
Start time	Thu Oct 31 13:47:54 CET 2024
Finish time	Thu Oct 31 13:47:54 CET 2024

cmd+return (mac) ctrl+return (windows) to run an SQL command

results of sql command

using dbeaver to view the database structure **graphically**

database name

schemas

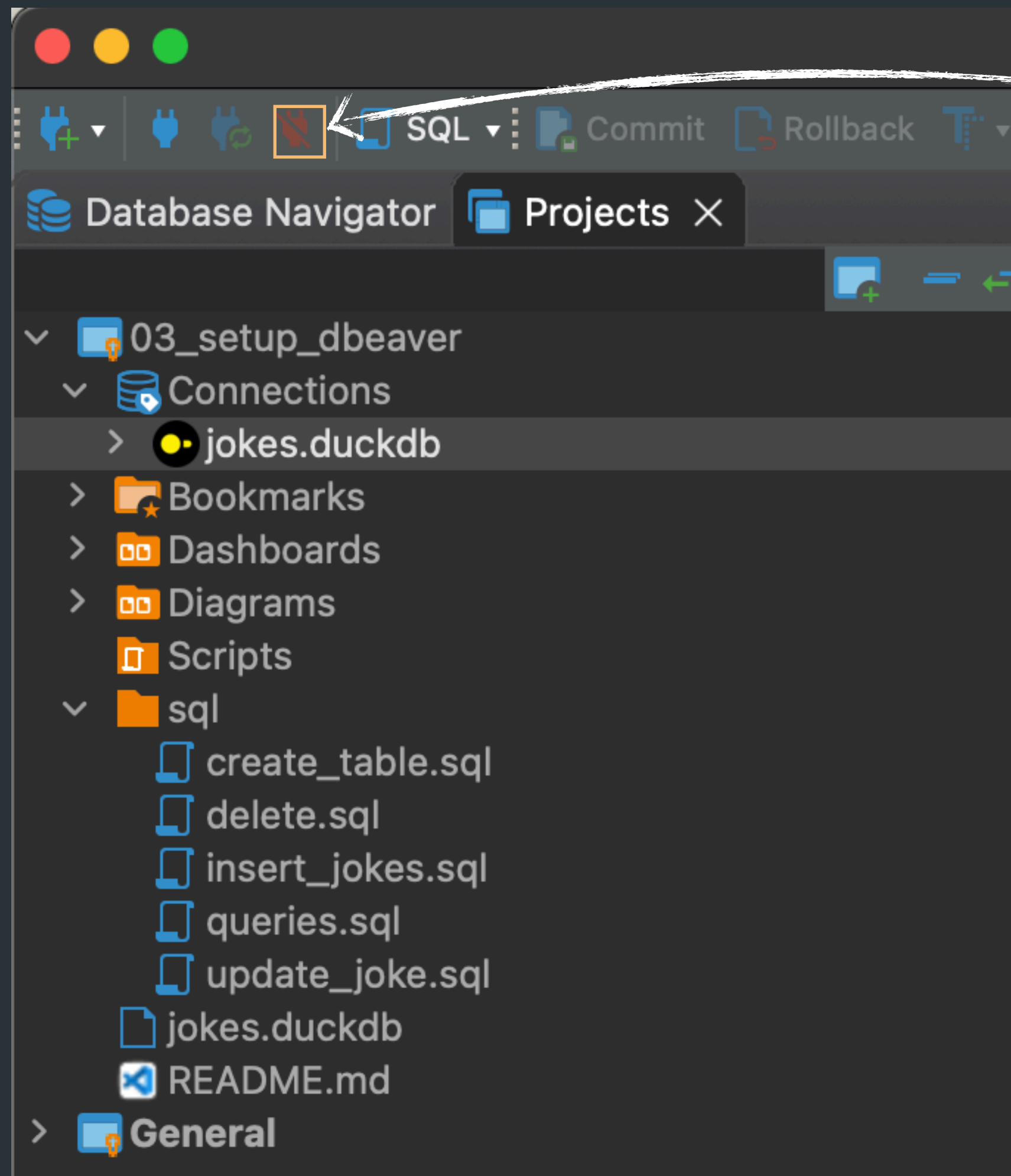
funny_jokes
table

The screenshot shows the DBeaver Database Navigator on the left and the Data Grid on the right. The Navigator shows a tree structure with 'jokes' as a database, 'main' as a schema, and 'funny_jokes' as a table. The Data Grid shows the contents of the 'funny_jokes' table, with columns 'id', 'joke_text', and 'rating'. The data is displayed in a grid format with 8 rows and 3 columns. The 'joke_text' column is highlighted with an orange box, and an arrow points from the 'funny_jokes table' label to this box. Another arrow points from the 'data stored in the table' label to the same box.

	id	joke_text	rating
1	1	Why don't scientists trust atoms? Because they make up everything!	8
2	2	Why did the scarecrow win an award? Because he was outstanding in his field!	7
3	3	I told my wife she was drawing her eyebrows too high. She looked surprised.	9
4	4	Why don't skeletons fight each other? They don't have the guts.	6
5	5	Why don't some couples go to the gym? Because some relationships don't work out.	8
6	6	I would avoid the sushi if I was you. It's a little fishy.	7
7	7	Want to hear a joke about construction? I'm still working on it.	10
8	8	Why don't programmers like nature? It has too many bugs.	9

data stored
in the table

remember to disconnect the **database**
to ensure changes are saved to disk



disconnect button