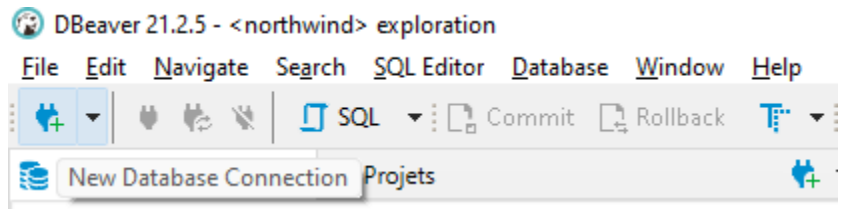
Training with Northwind and DBeaver

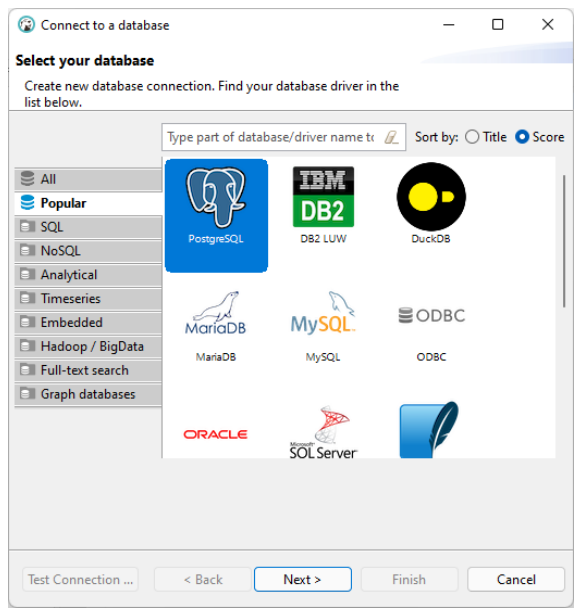
For this session, it will be necessary to train with **DBeaver**, as it will be the tool used during the exam

- download it and choose your preferred installation - *portable zip works perfectly on Windows*
- Download this script Northwind database

Importation in DBeaver

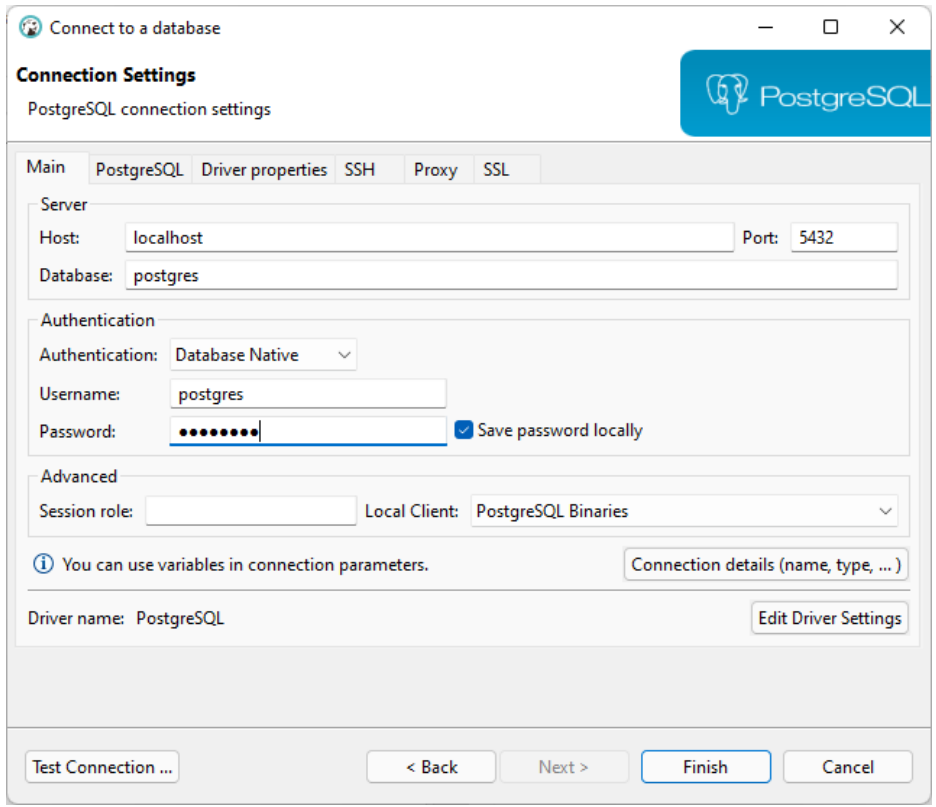
- **1.**Once the tool is started, create a new connection
- **2.**Then choose PostgreSQL





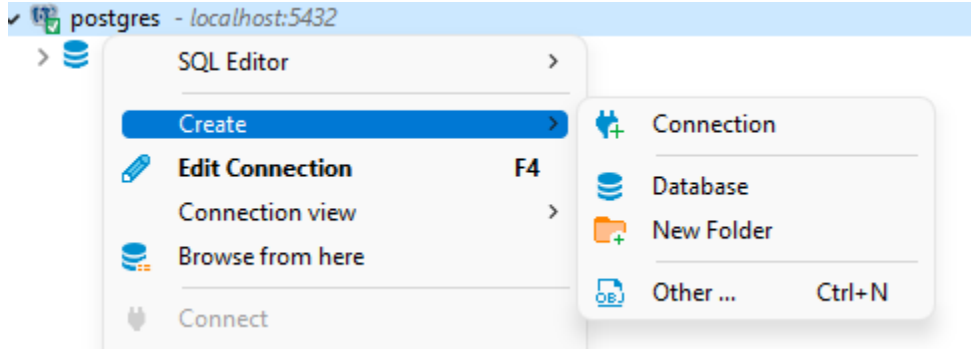
Importation in DBeaver (2)

- **3.** then create the connection to the **postgres db**

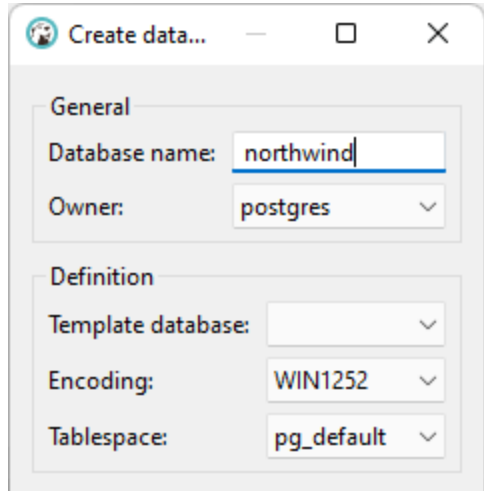


Importation in DBeaver (3)

- **4.** Then right click on postgres connection > create > Database



- **5.** Then fill the required information



Importation in DBeaver (4)

- Then open an SQL Console from the northwind connection and copy-paste the init script downloaded
- Open an SQL Script to type a query

```
SELECT * FROM categories c
```

- Check the results

Data extraction - 1

```
-- 1. list of customers
-- 2. number of different products?
-- 3. count of employees
-- 4. total overall revenue
-- 5. total revenue for one specific year
-- 6. list of countries covered by delivery
-- 7. list of available transporters
-- 8. number of customer per countries
-- 9. number of orders which are "ordered" but not shipped
-- 10. all the orders from france and belgium
```

Data extraction - 2

```
-- 11. most expensive products
-- 12. list of discontinued products
-- 13. count of product per category
-- 14. average order price
-- 15. revenue per category
-- 16. number of orders per shipper
-- 17. number of orders per employee
-- 18. total revenue per supplier
```

Data insertions - 1

```
-- 19. insert a product with its category
-- 20. create an order (what is required?)
-- 21. change the shipped delivery date
```