

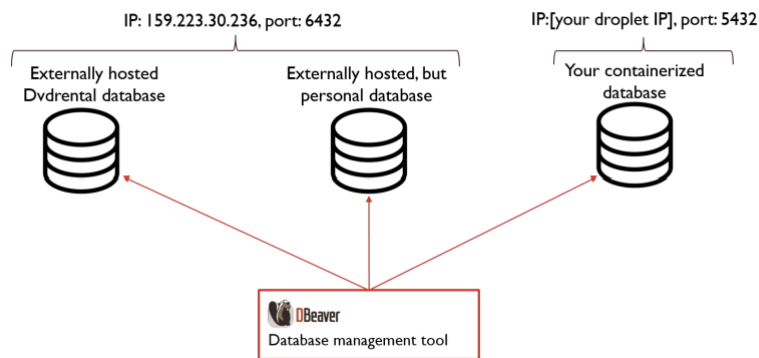
## Databasse Management and Theory

### Connect to DBBeaver

#### What is DBeaver?

- Free Graphical User Interface (GUI) database management tool
- Supports a range of SQL implementations, for example MySQL, PostgreSQL, MariaDB, SQL Server and Azure Databases
- DBeaver will be installed locally on your computer
- You can connect DBeaver to multiple databases
- You will send commands from DBeaver to the database, and you will see the results in DBeaver
- Install DBeaver on your computer: <https://dbeaver.io/download/>

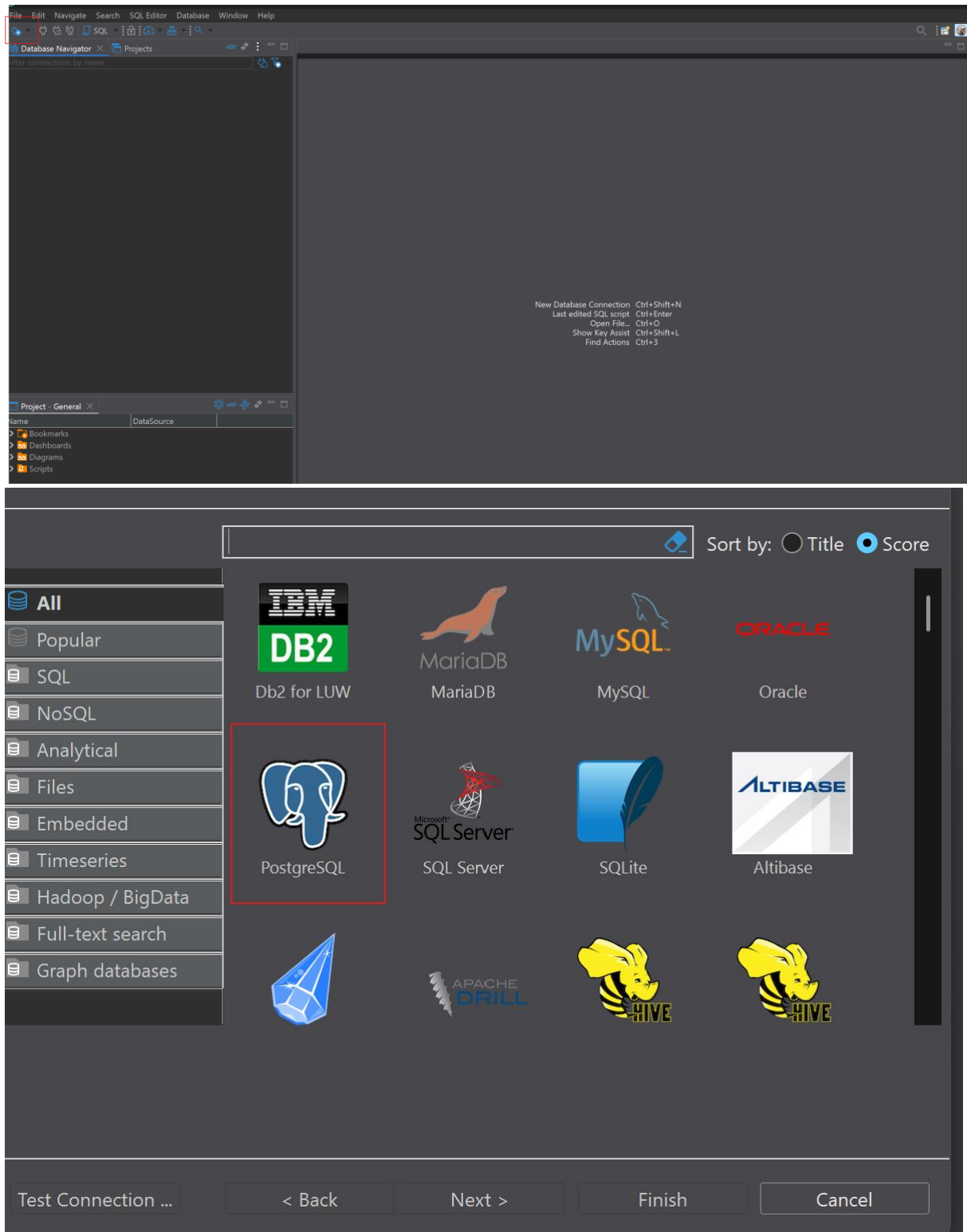
#### Datbase Connection in this course



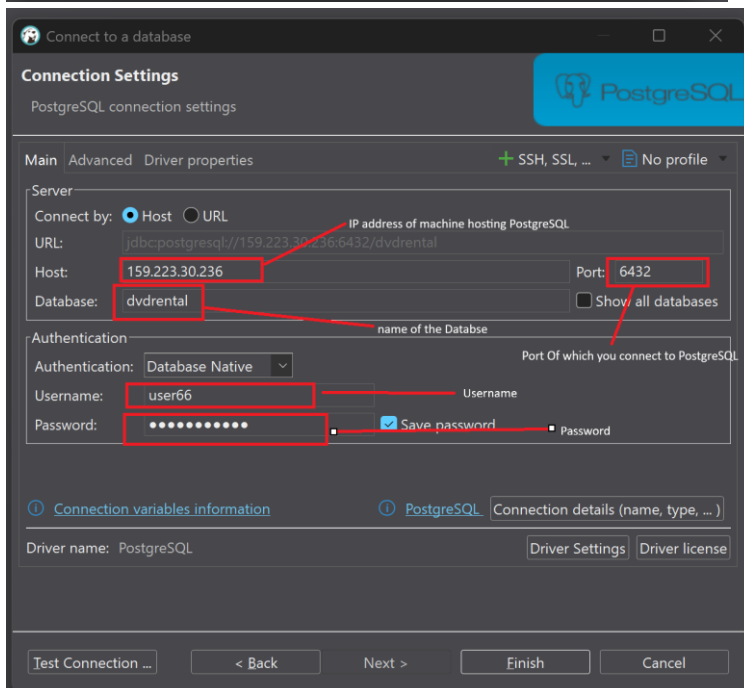
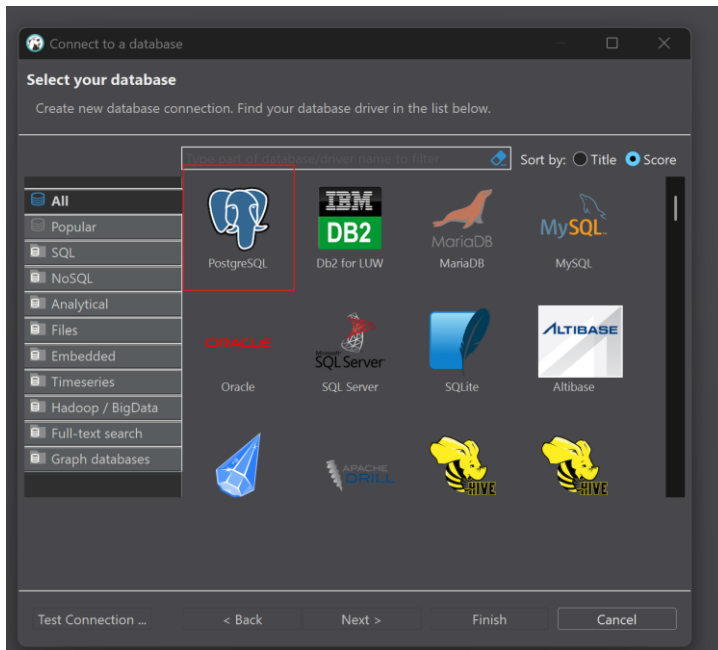
Type of connection	Host (IP)	Port	Database name	Username	Password
SQL database in your container with admin permission.	IP address of your digital ocean droplet	5432	postgres	postgres	The password for your postgresql container
Personal SQL database with read and write permission and hosted externally	159.223.30.236	6432	See brightspace for your database name	See brightspace for your username	See brightspace for your password
dvdrental database with only read permission and hosted externally	159.223.30.236	6432	dvdrental	See brightspace for your username	See brightspace for your password

\* It is important that you use the correct port number for the externally hosted databases. By using the correct port number, your connection will go through a load balancer, and we thereby avoid the external database getting overwhelmed by the many connections (it is a relatively small droplet that is hosting the database).

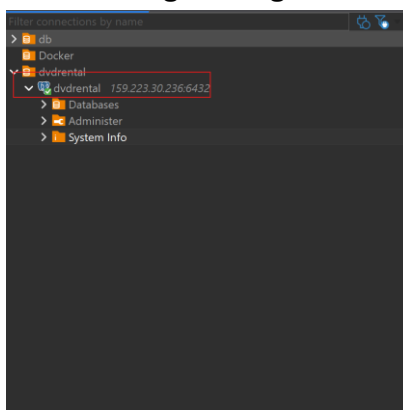
## Connect to database with DBBeaver



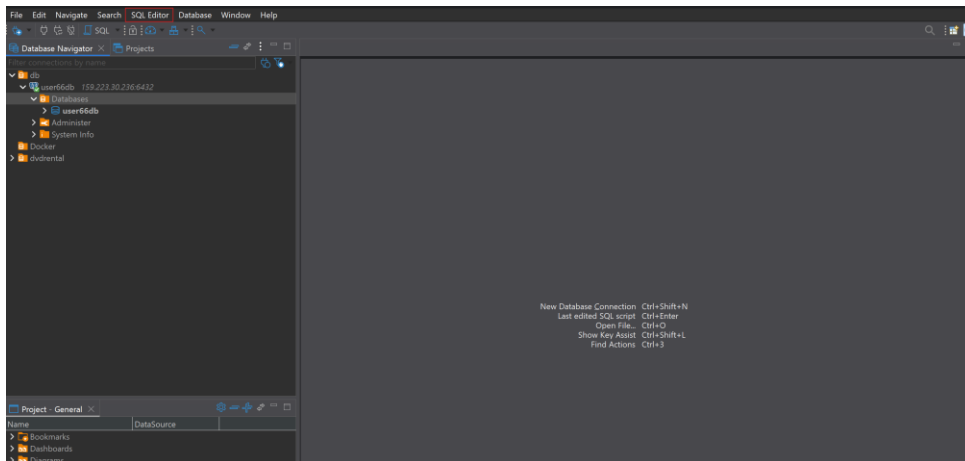
Or right click the folder where you want to create it -> Create -> connection



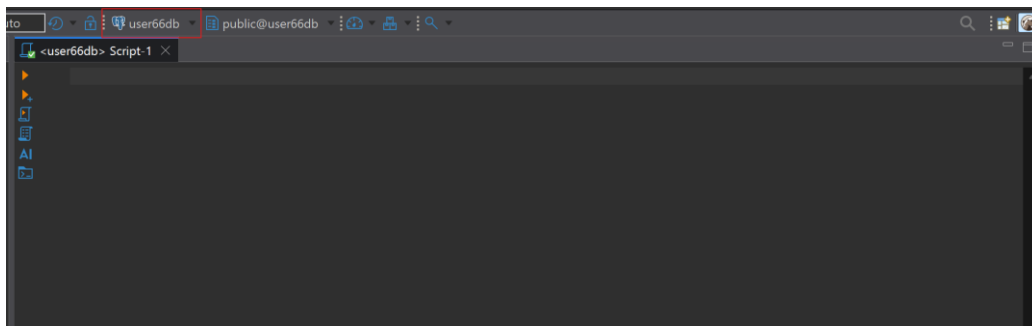
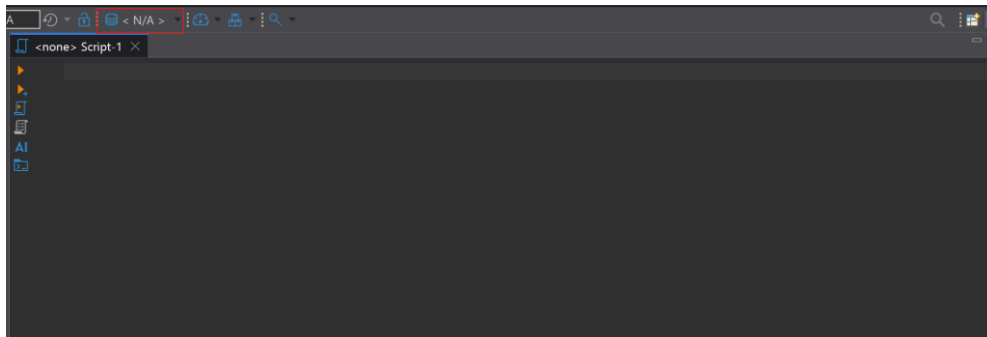
If it worked green sign



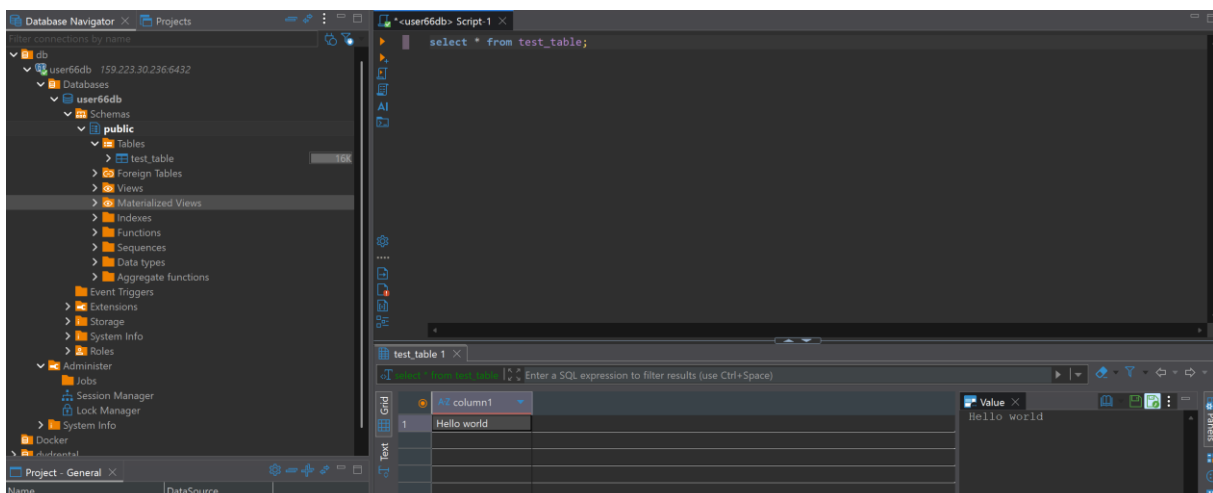
## To open sql script



## Make sure correct data is selected



## To test run



## SQL - Dbeaver

Find Primary key and secondary key and diagram

