

# ***ICT & Business Intelligence & CRM***

## ***Tool: DBeaver***

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# General Information

- We will use a software for querying and manipulating databases:
  - **Dbeaver:** <https://dbeaver.io/>
  - We will use the *community edition*, which is:
    - Free, open source, multi-platform
    - Easy to use!

# Install

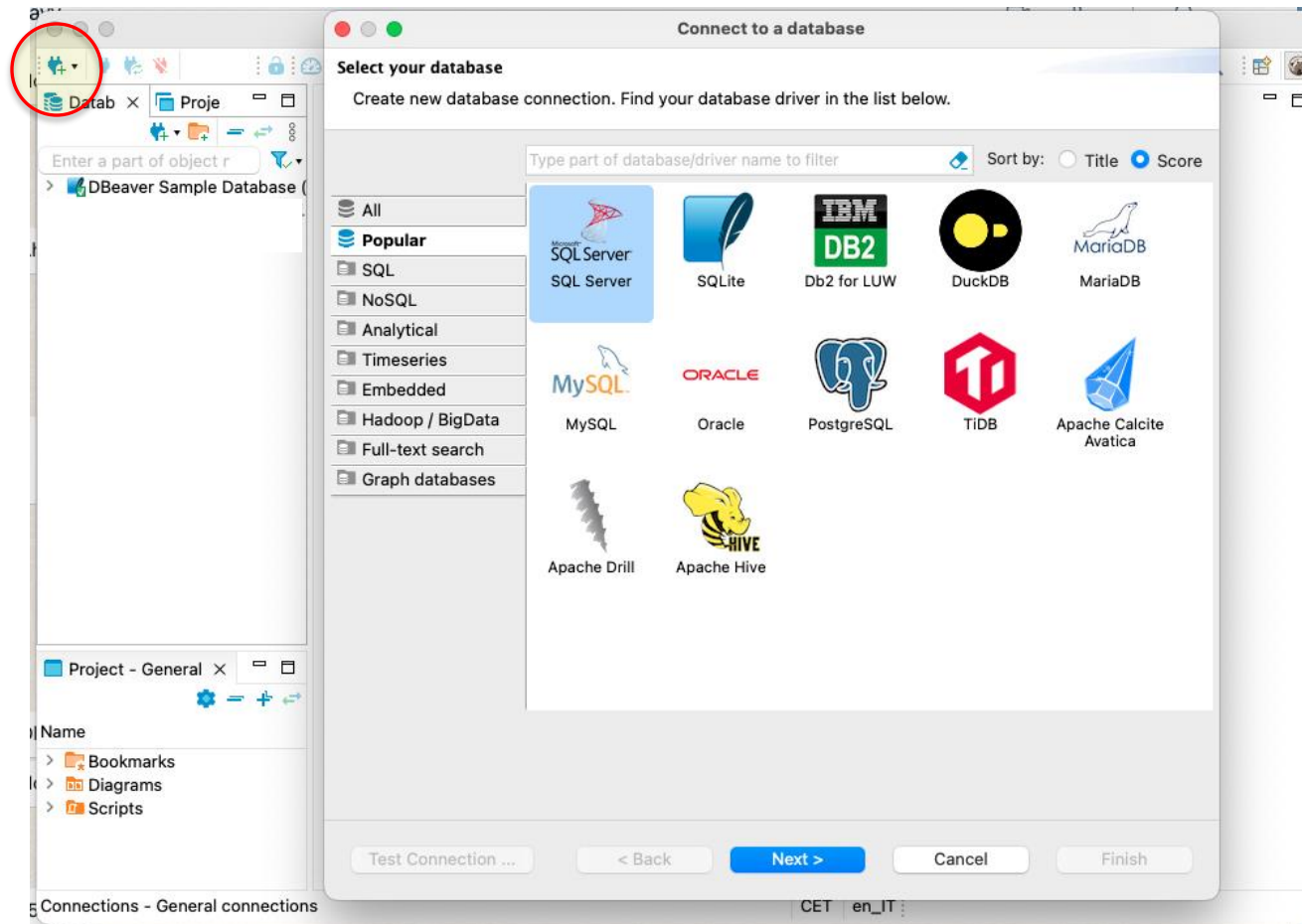
- Just visit the homepage of the tool and download it
  - <https://dbeaver.io/>

# Access a shared DB: University

- We will exemplify notions using an online accessible database: **University**
- It allows to store information about
  - courses,
  - teachers,
  - students and
  - examsof a university

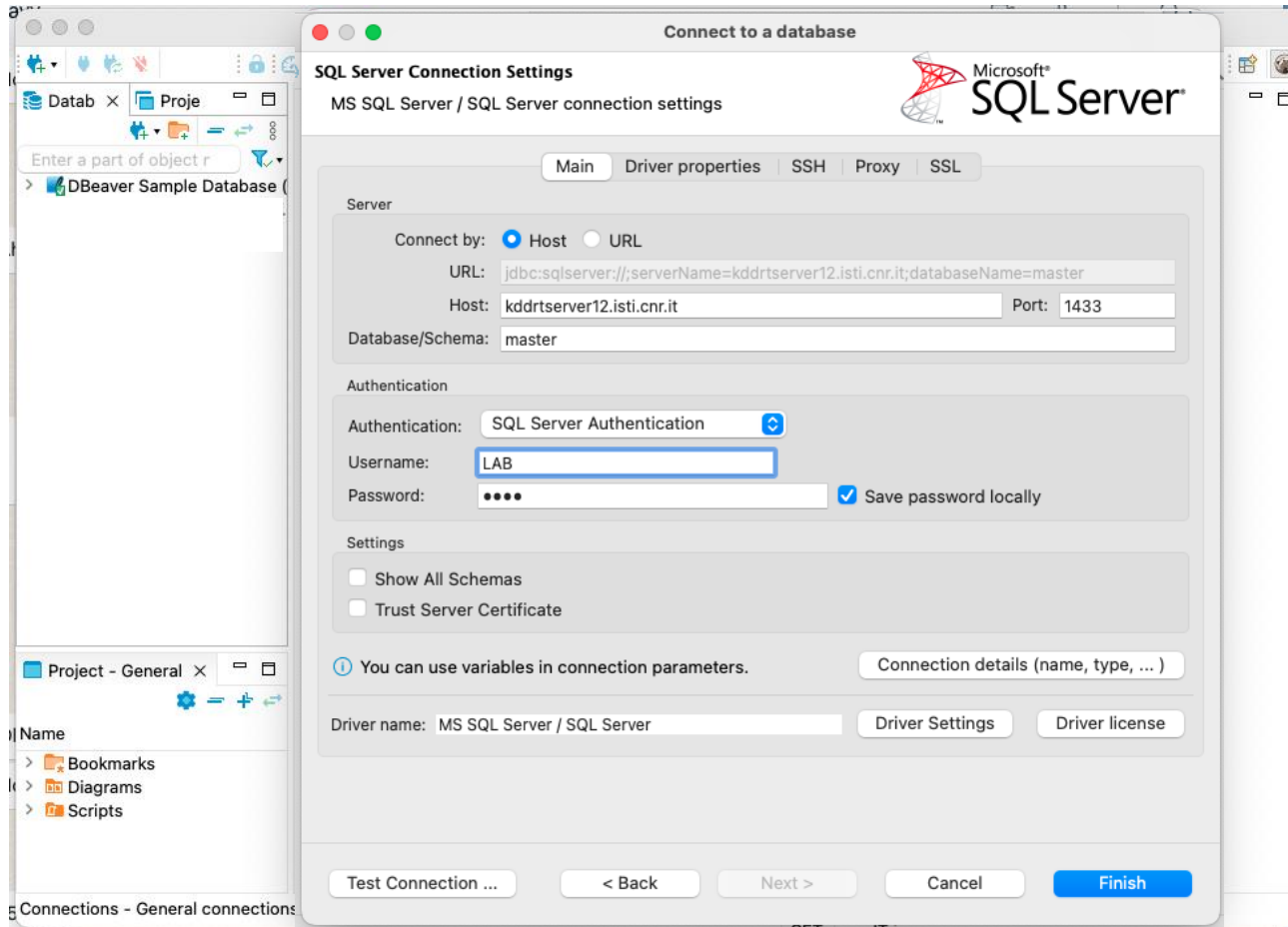
# Access a shared DB: University

- Open Dbeaver
- Click on: the blue plug with plus -> Popular -> SQL Server -> Next



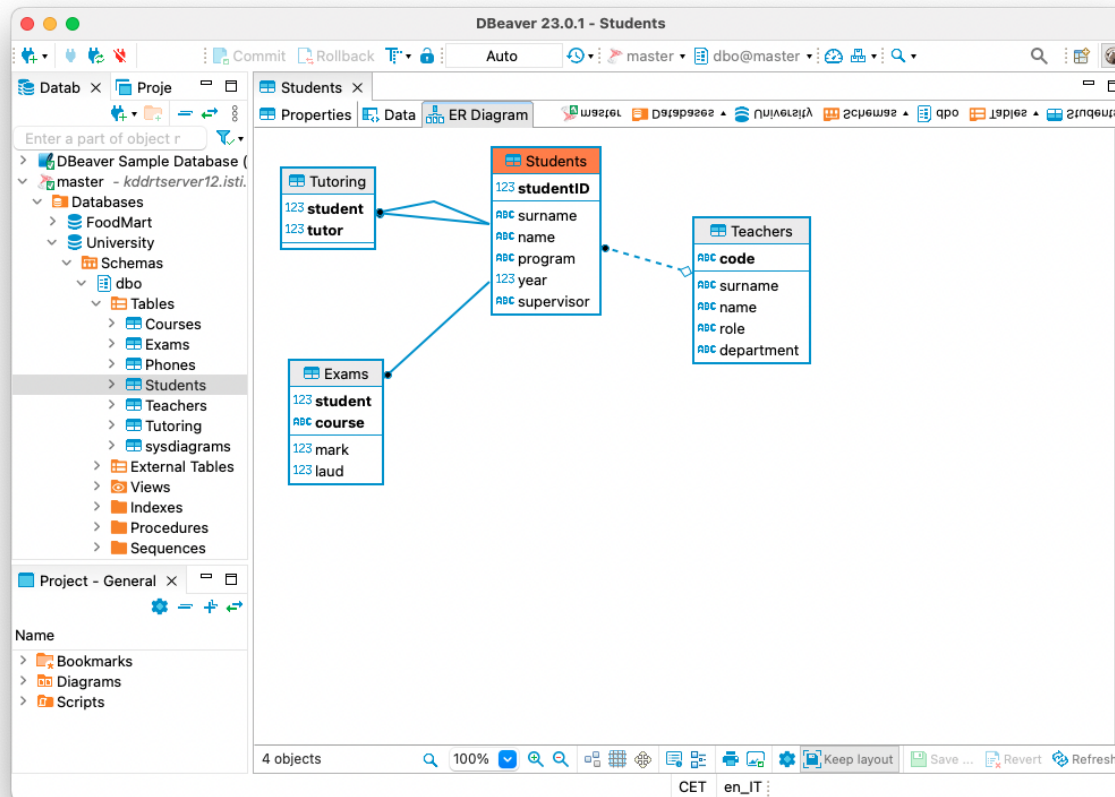
# Access a shared DB: University

- Open Dbeaver
- Click on: the blue plug with plus -> Popular -> SQL Server -> Next
- Set **Host** to **kddrtserver12.isti.cnr.it**, **Username** to **LAB** and **Password** to **pisa**.
- Click on Test Connection ... and install the required drivers. Click finish



# Access a shared DB: University

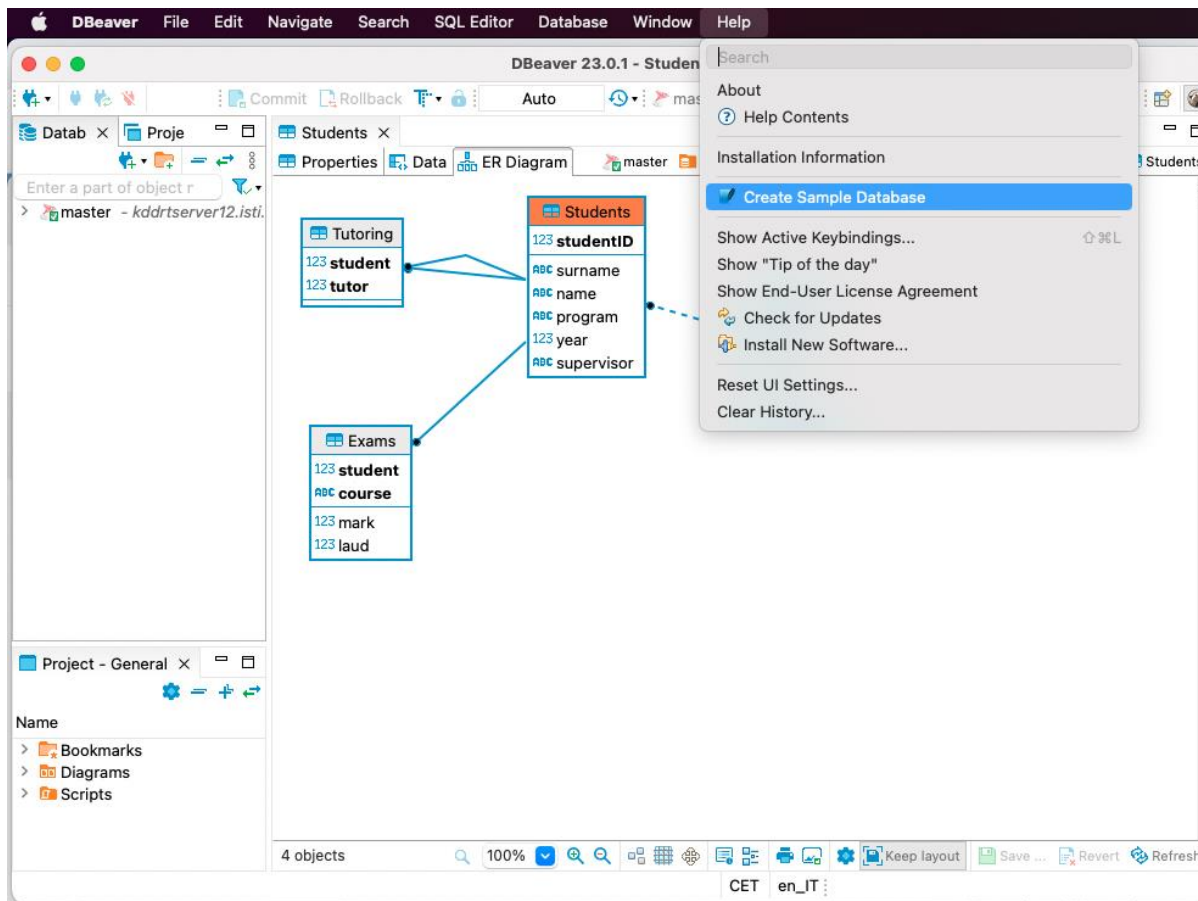
- You are now ready to go
- A 'master' project should have appeared in the left menu area.
- Unfold it as shown in the screenshot below and open the Students table
  - Look at the different tabs (ER Diagram in the screenshot)



# Create a local sample DB:

## DBeaver Sample Database (SQLite)

- We will exemplify notions also using a local database: **Music**
- Open Dbeaver
- Click on: help -> Create Sample Database [this on Mac. On windows/linux it might slightly differ]





# Create a local sample DB:

## DBeaver Sample Database (SQLite)

- You are now ready to go
- A 'Dbeaver Sample Database (SQLite)' should appear in the left menu area.
- Unfold it as shown in the screenshot below and open the Album table

