Last edited by **Isabel F Freitas** 1 year ago

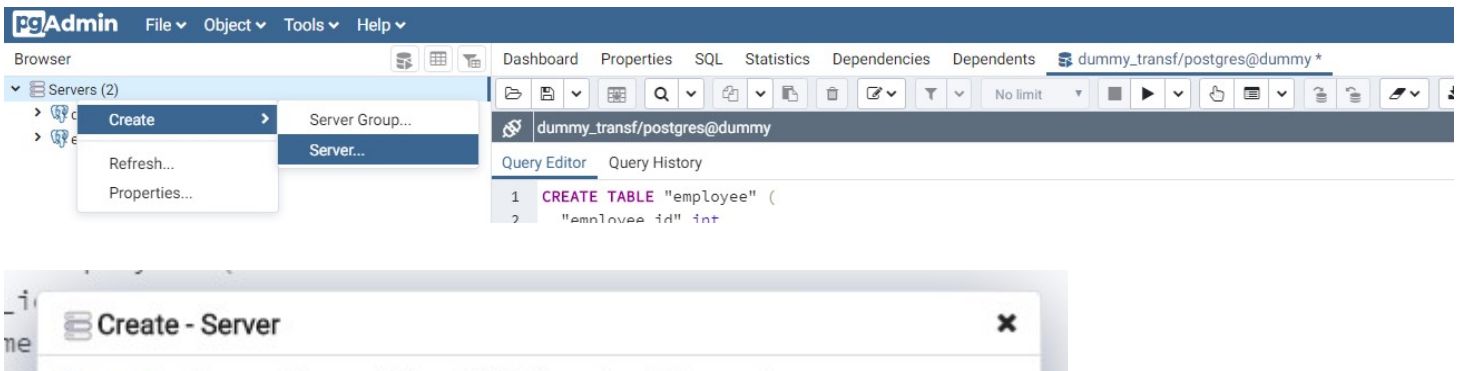
pgAdmin4 and postgres

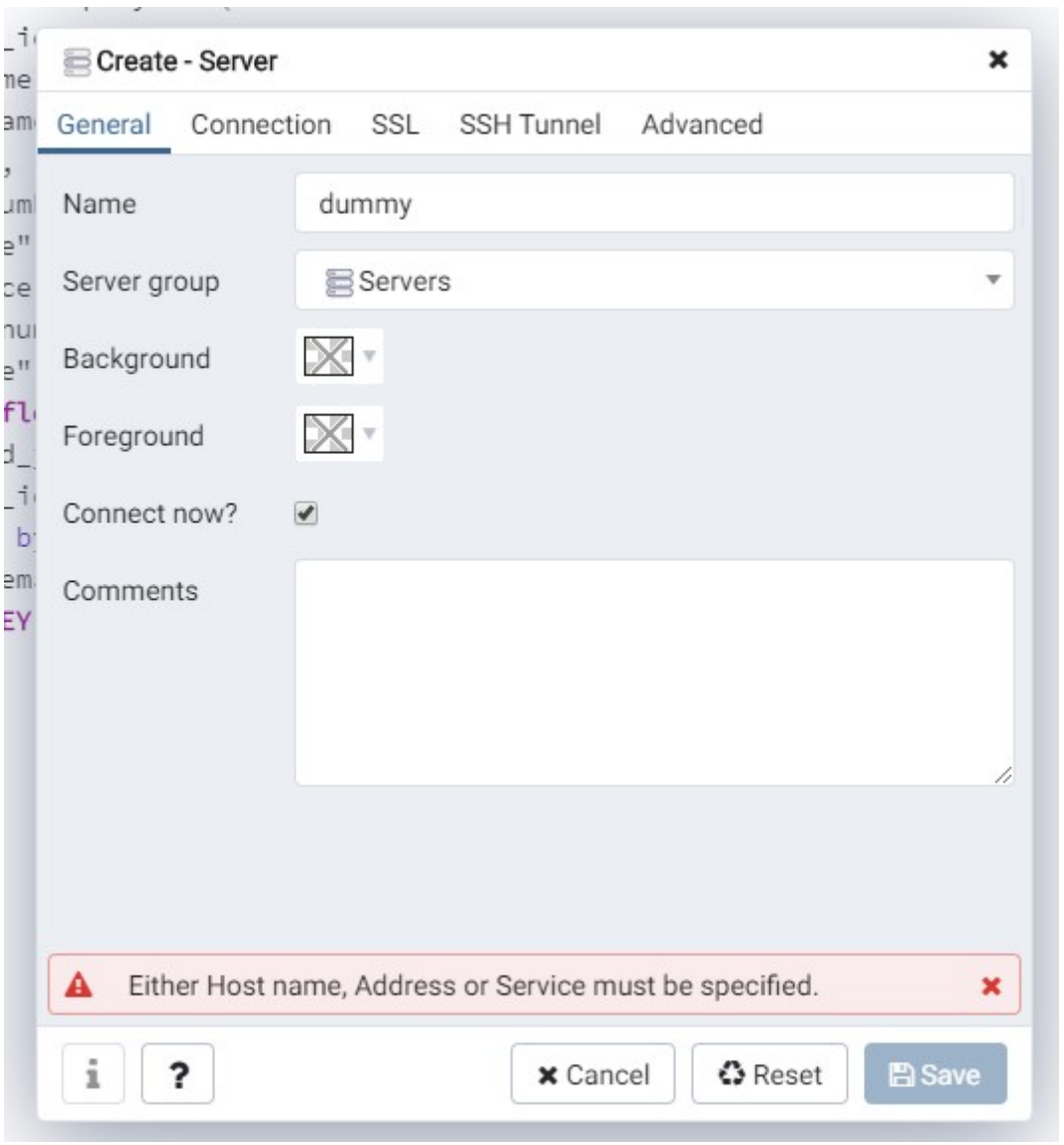
Useful commands

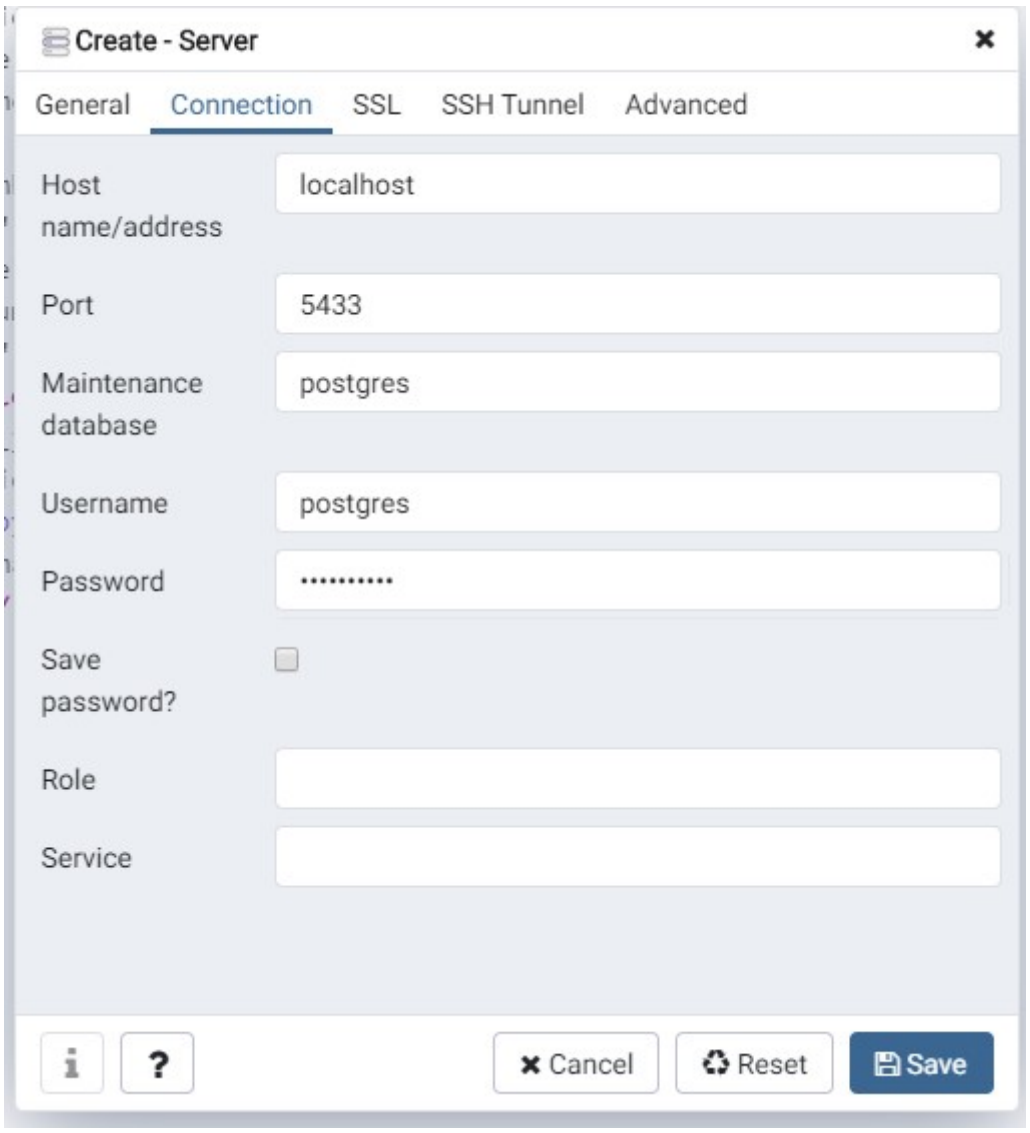
- Find out port: `netstat -nlp|grep postgres` or `netstat -nlp|grep postgresql`
- Find out status: `service postgresql status`
- Check for multiple instances of postgresql: `pg_lsclusters`

How to create a new server instance (e.g. dummy)

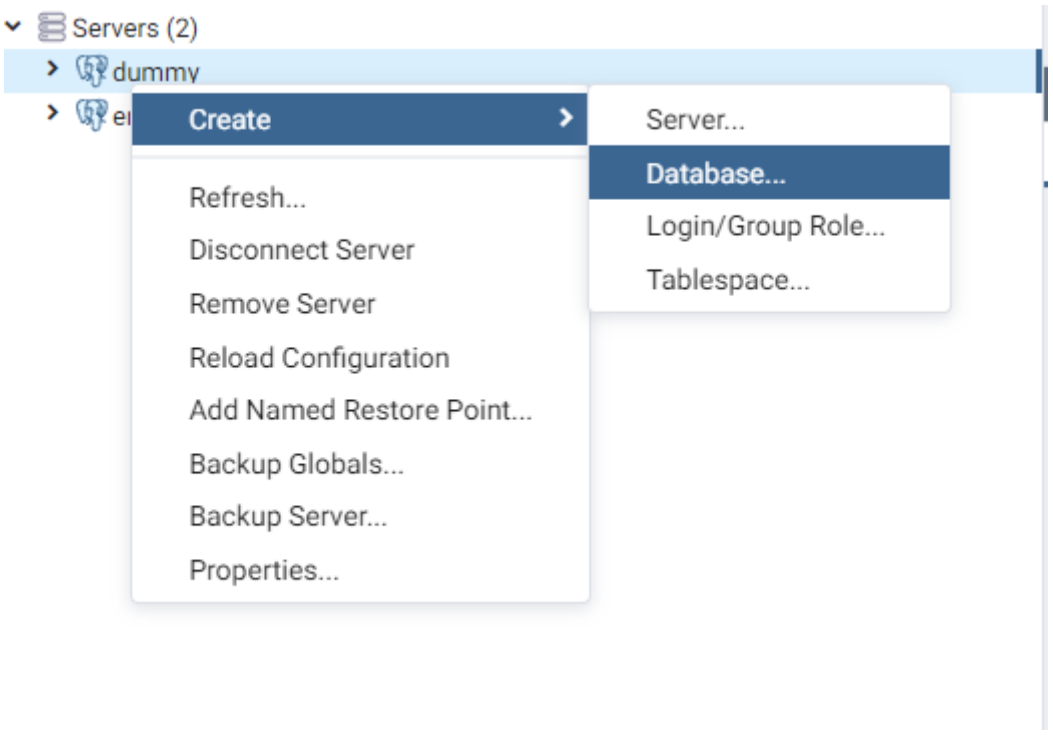
First Open pgAdmin4: http://localhost/pgadmin4/browser/

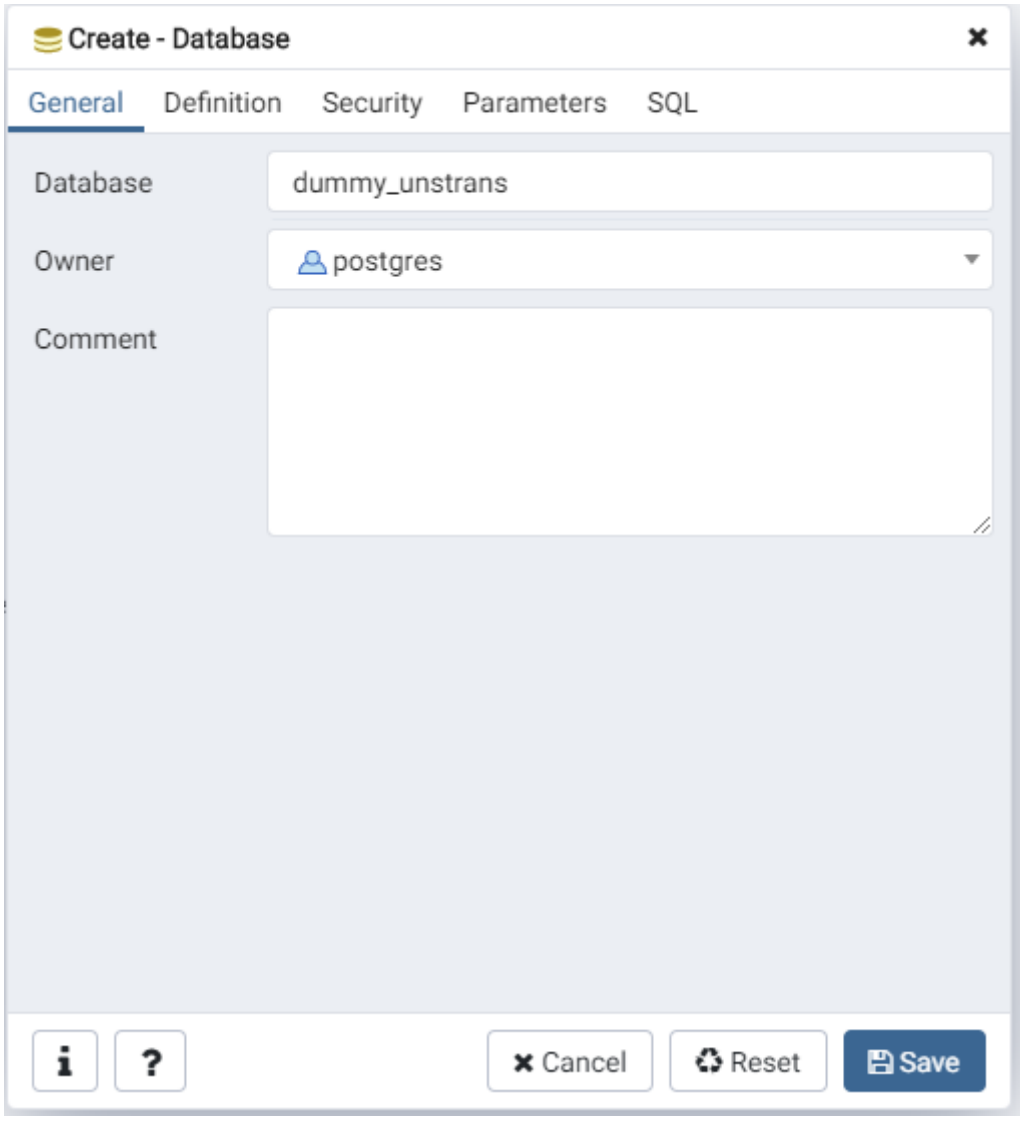






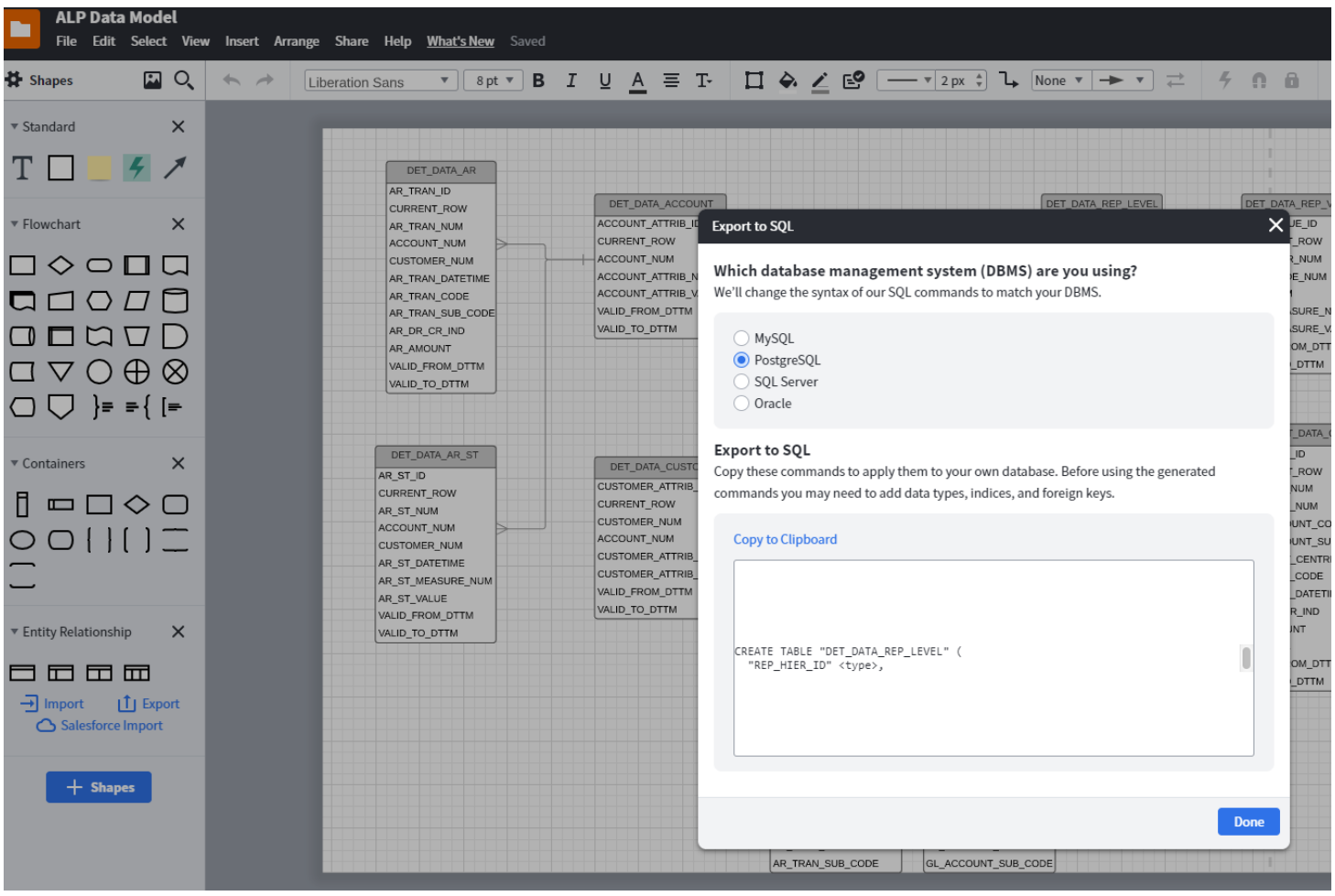
Create a database within that server





Create a schema using the LucidChart SQL from the Entity Relationship Diagram (ERD)

Lucidchart:



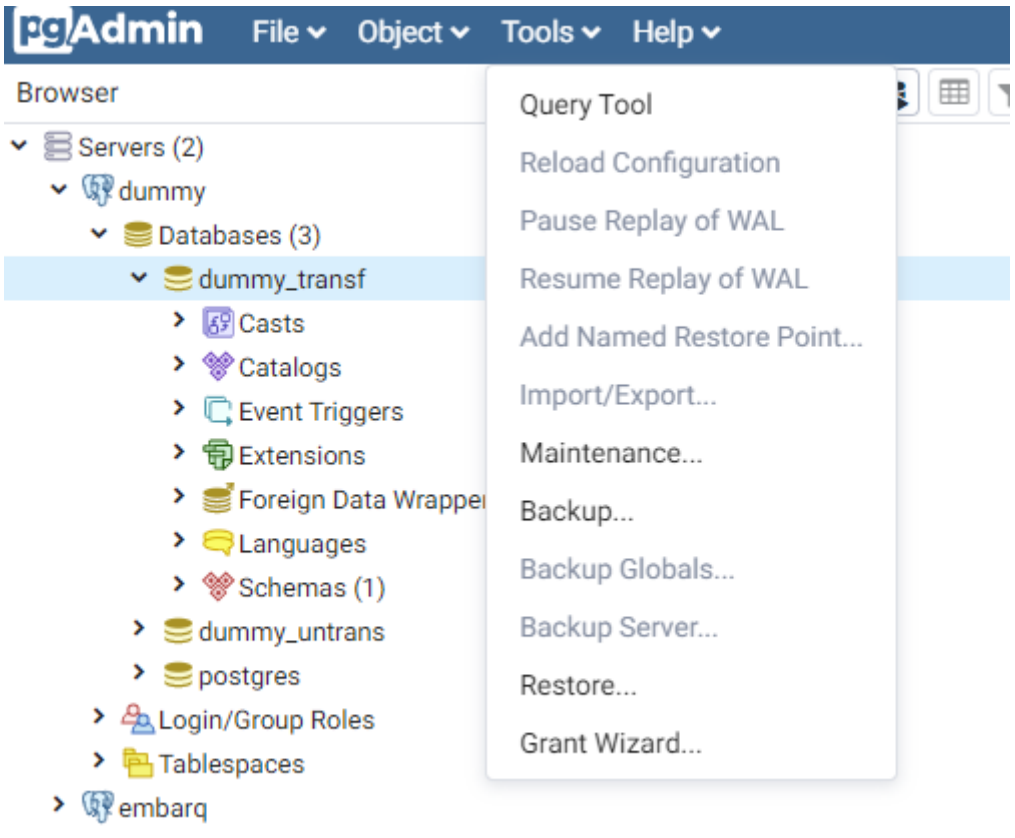
command: Copy the SQL

pgAdmin4:

select the server of interest

select the database of interest

open the query tool



Paste the SQL code from LucidChart

And execute

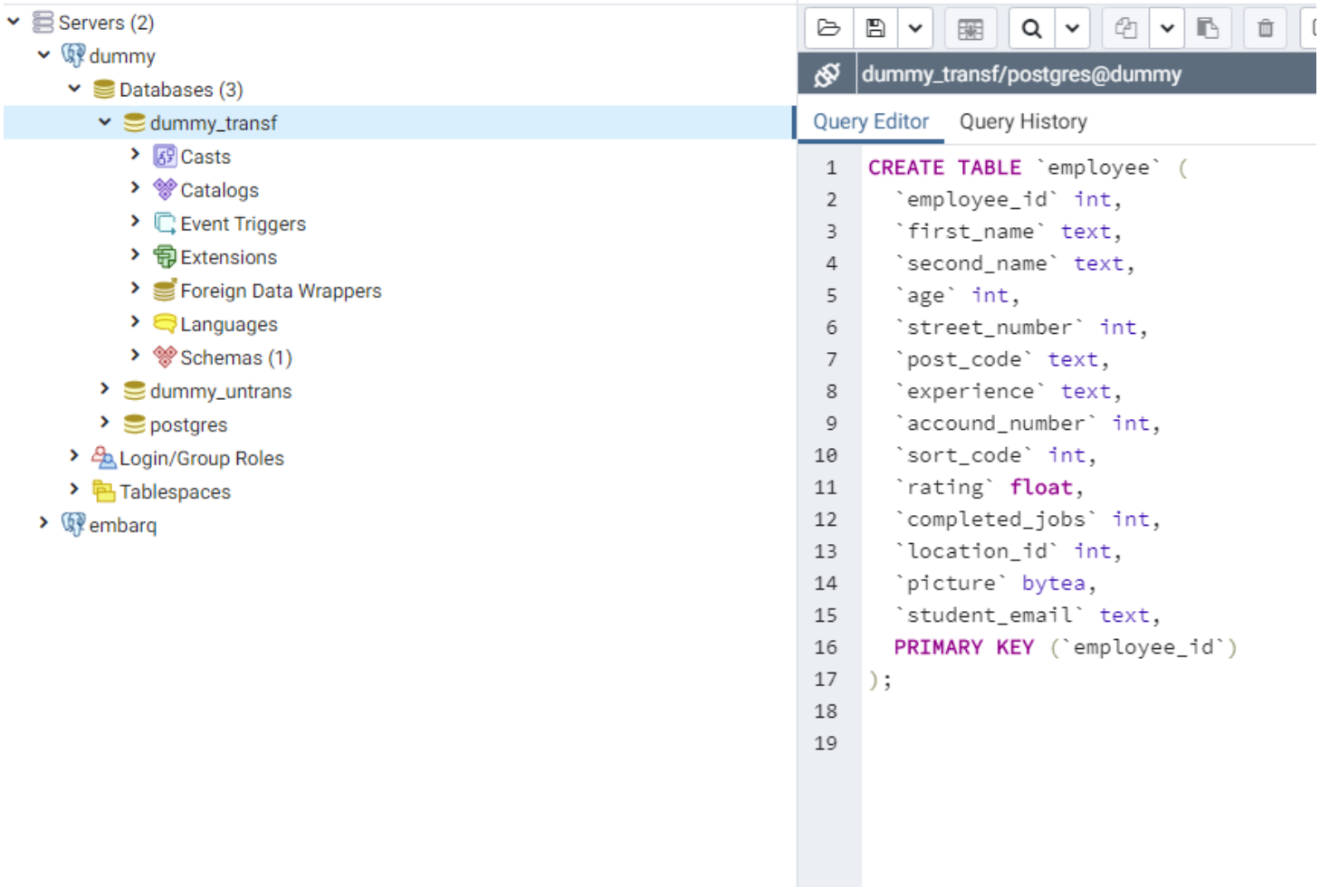
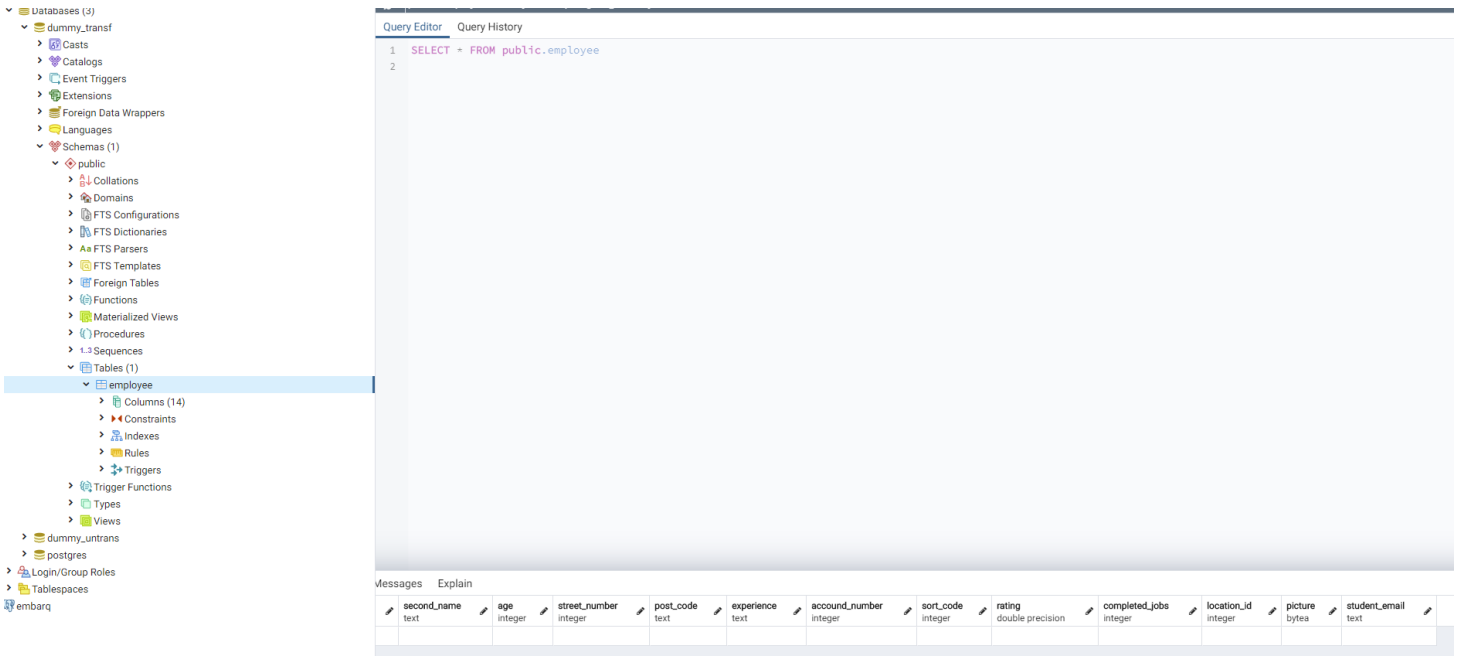


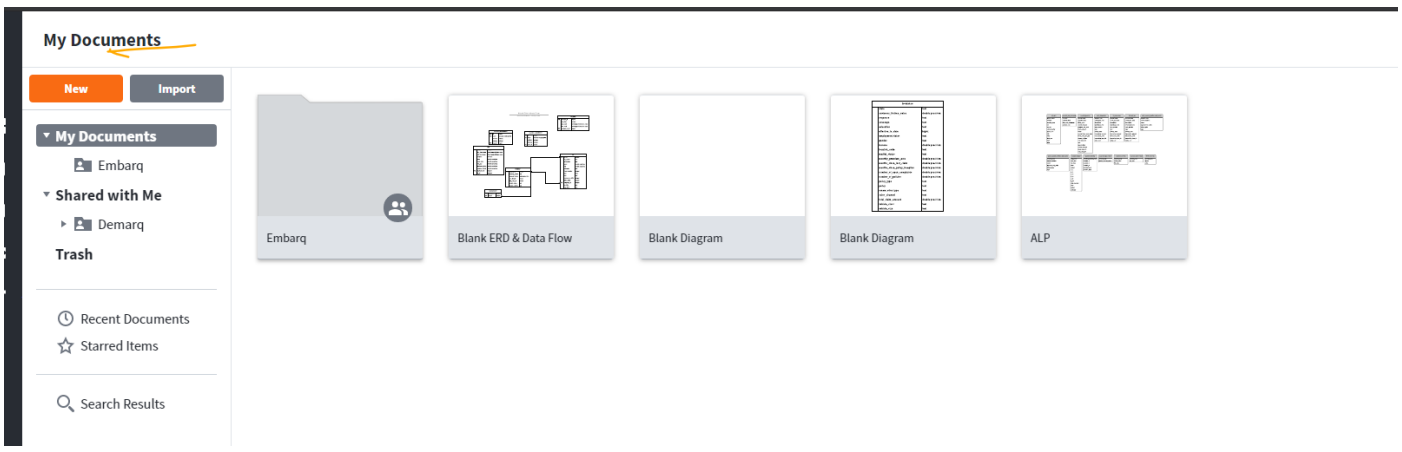
Table will apppear

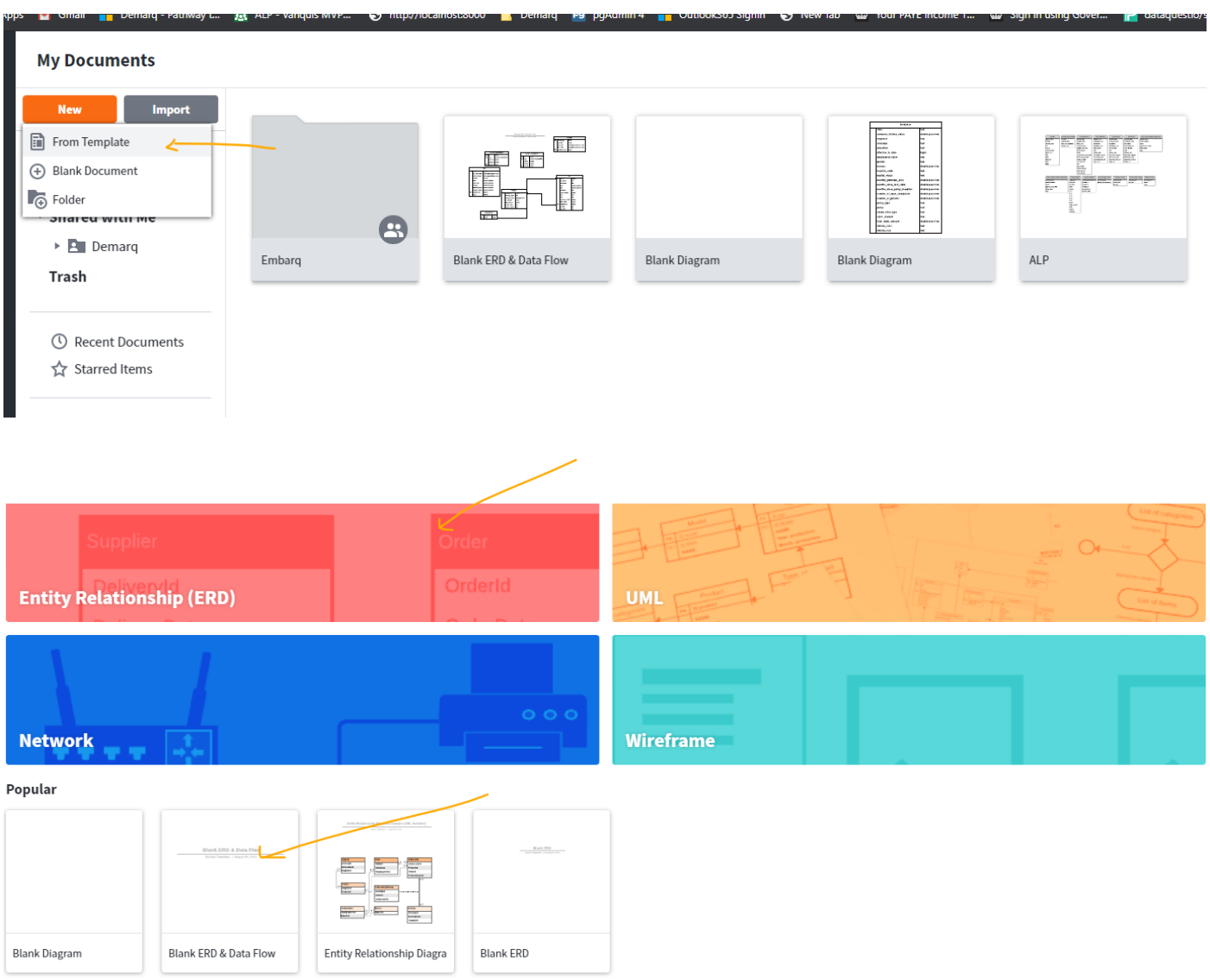


Create a ERD schema using the LucidChart from the Database SQL:

https://www.youtube.com/watch?v=yFjeJnV42Lg

1. Go to LucidCharts and create a new ERD blank document

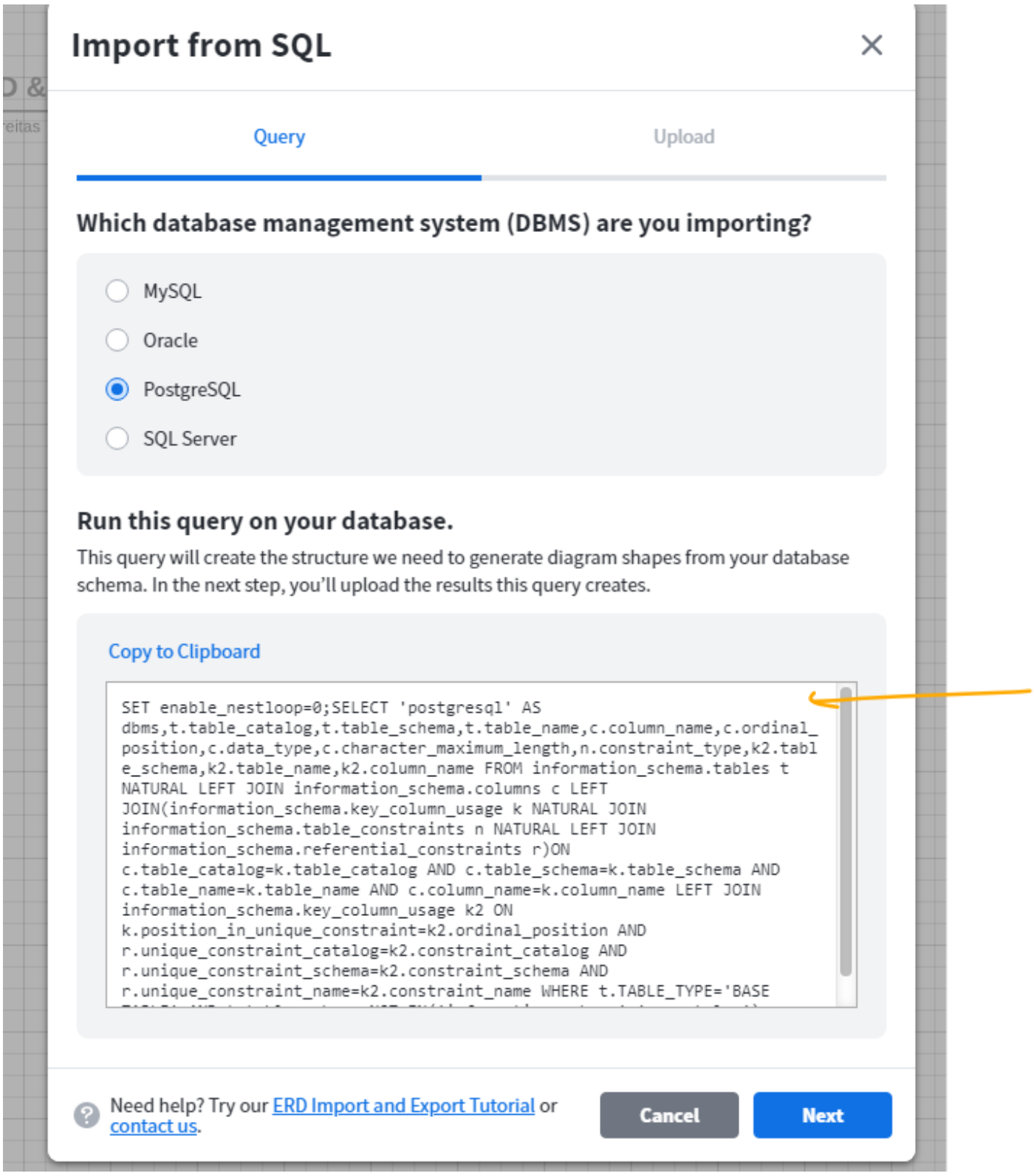




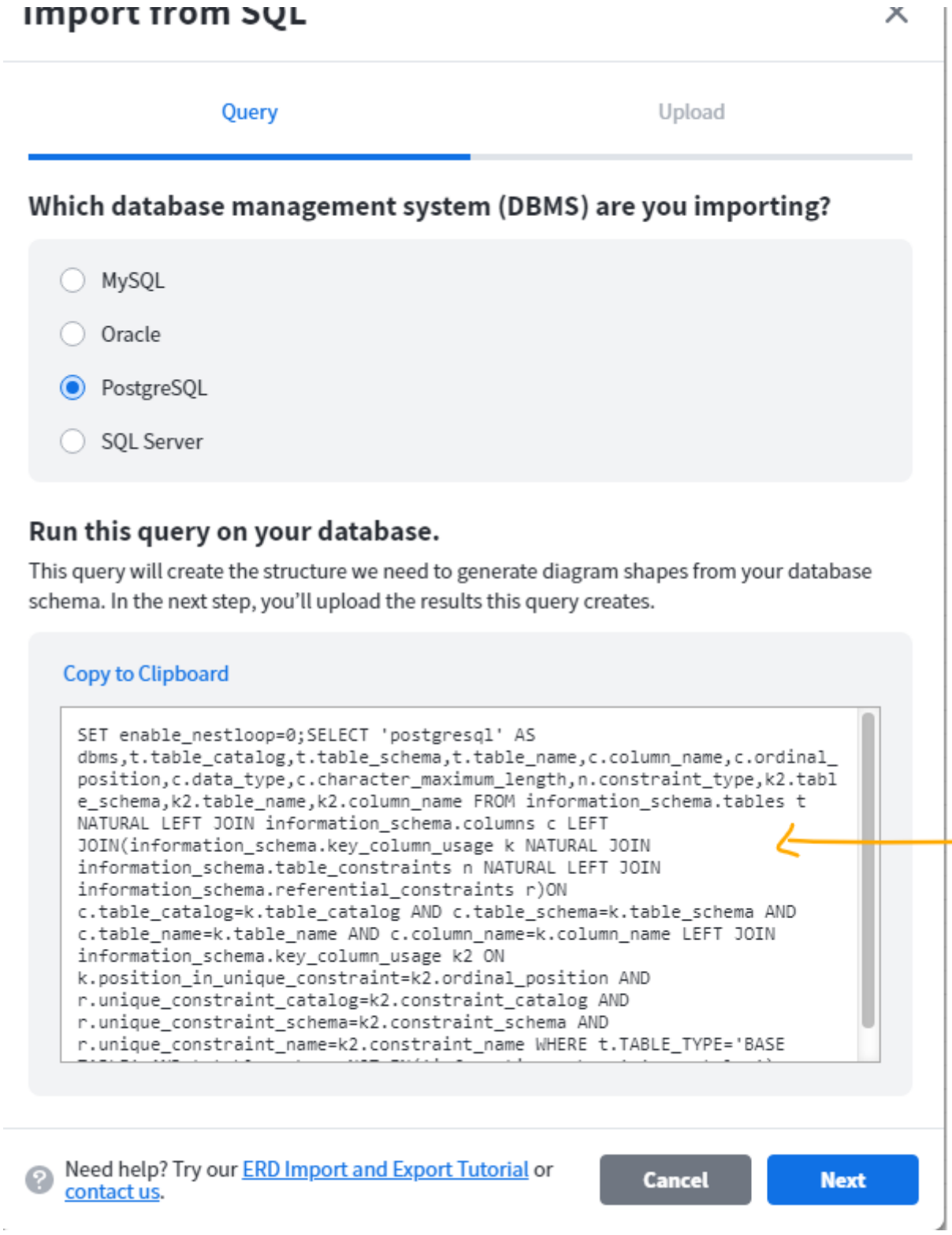
2. In the ERD documnet:

- Under Entity Relationship select **import**:

- Select the **PostgreSQL** option

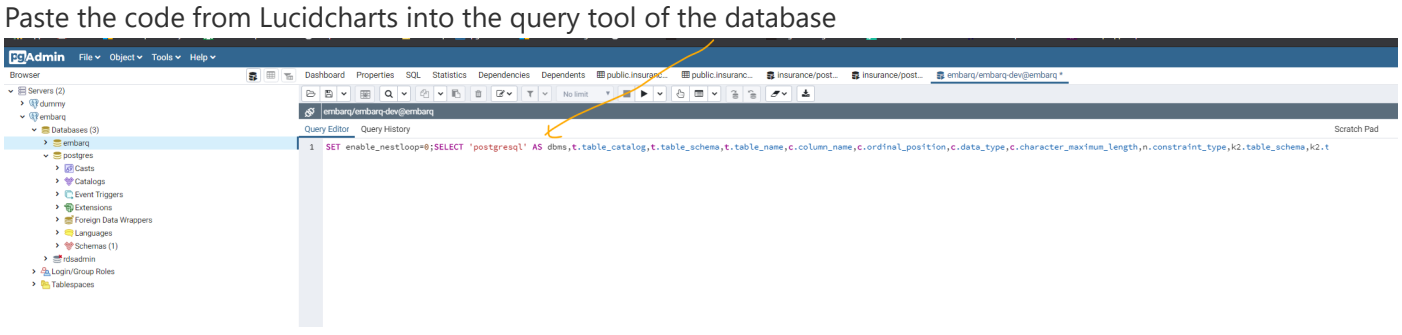


- Copy the code under the **Run this query on your database**

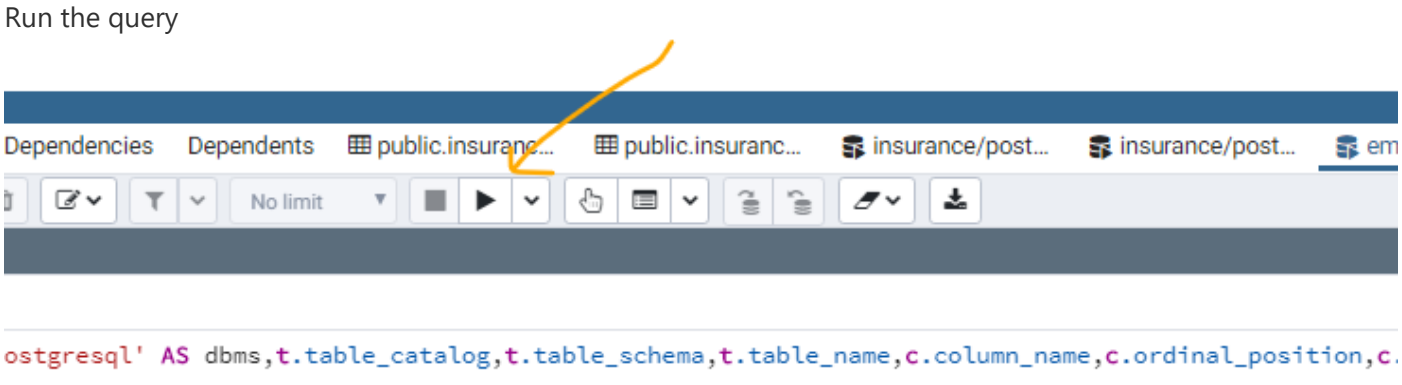


3. On pgAdmin4:

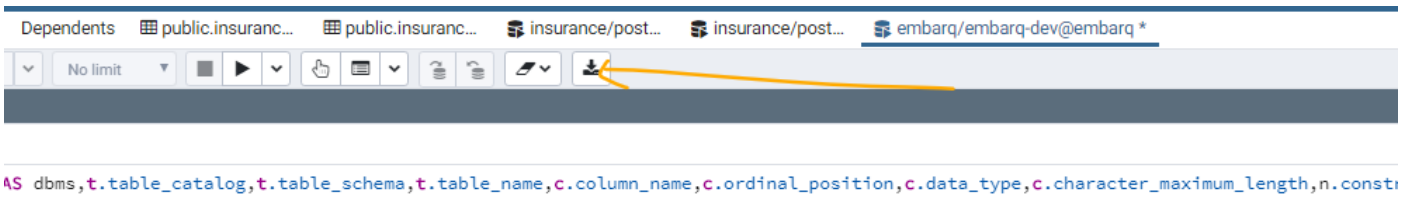
- select the server of interest
- select the database of interest
- open the query tool
- Paste the code from Lucidcharts into the query tool of the database



- Run the query

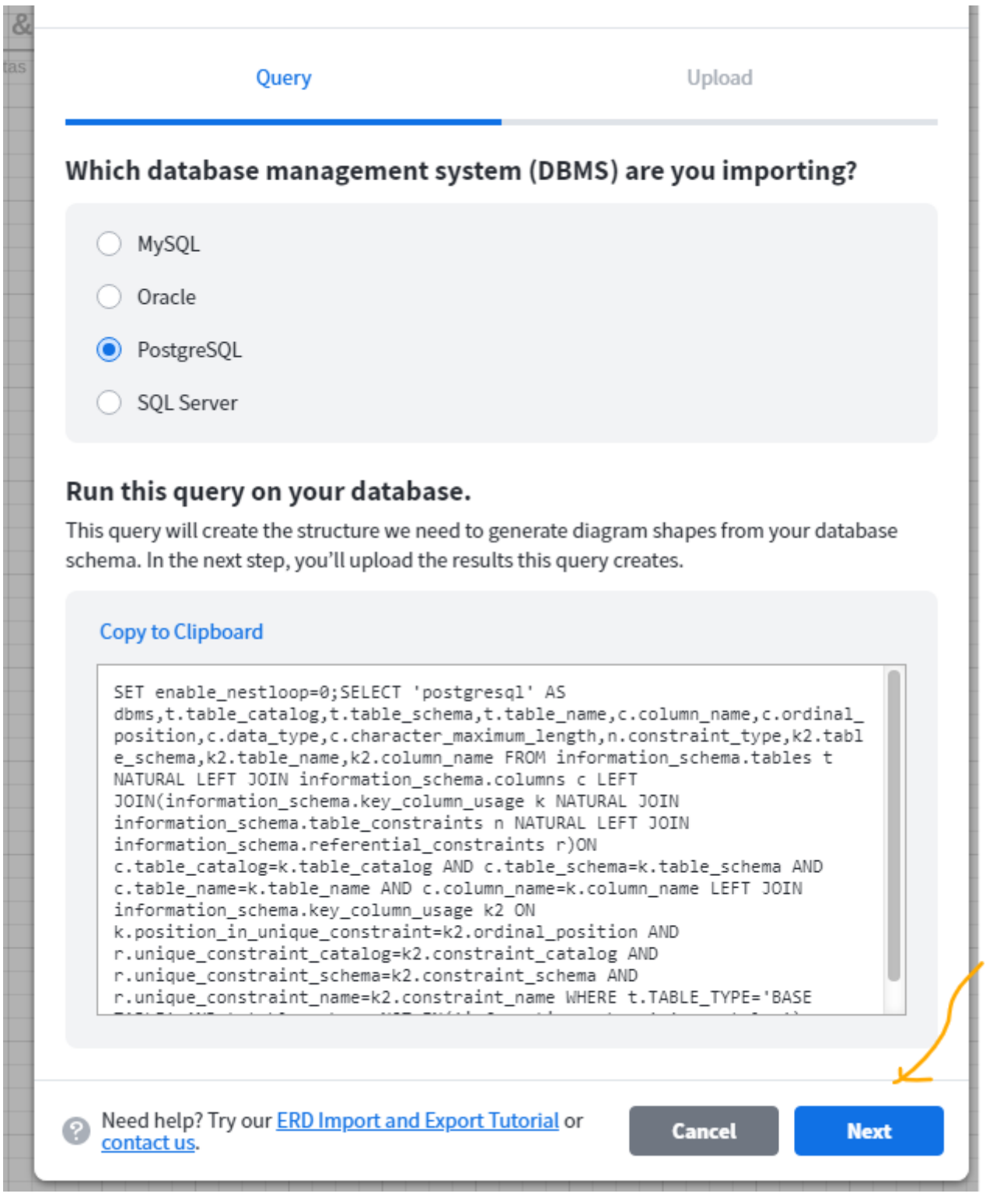


- Download the output (.csv)

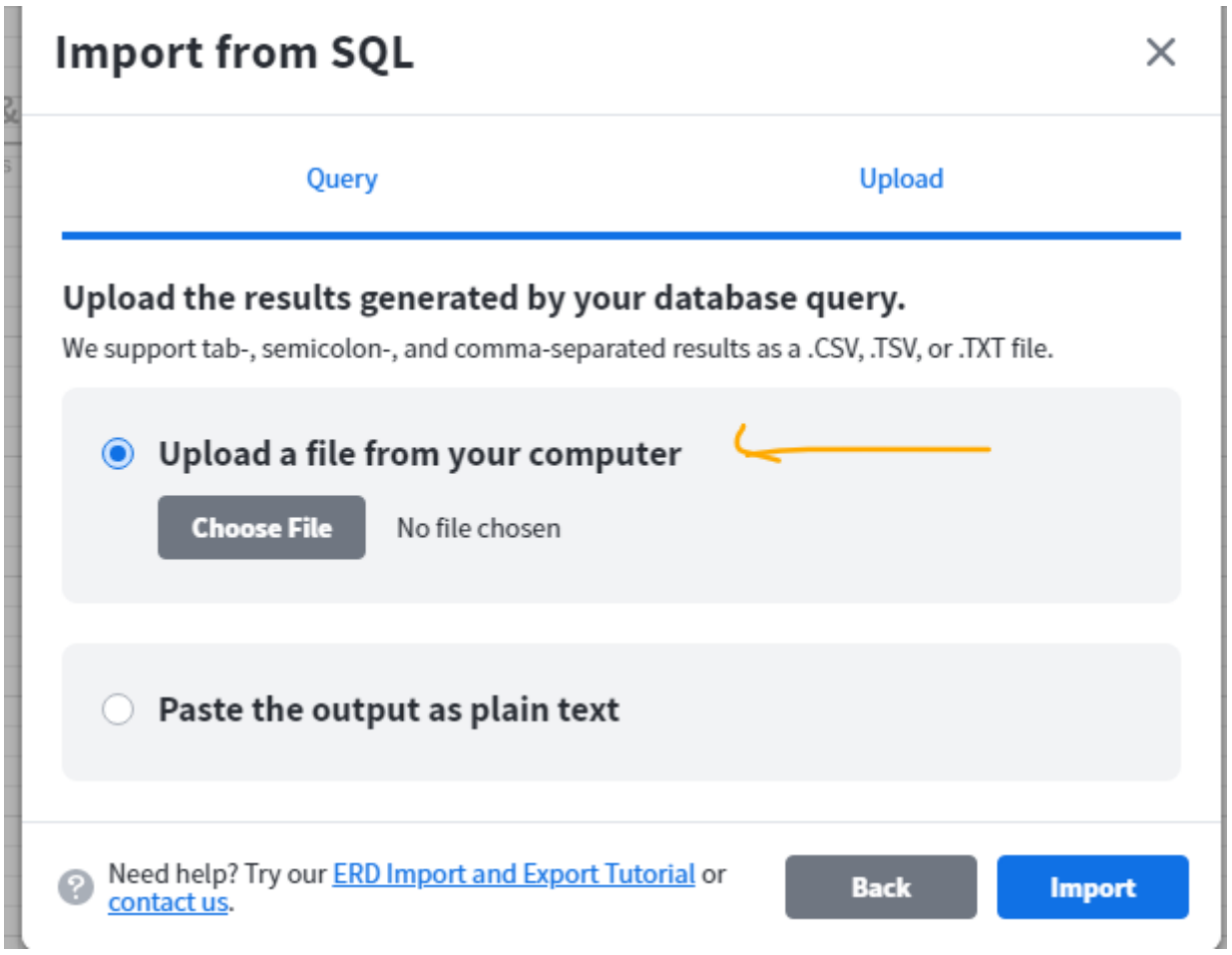


4. On Lucidcharts:

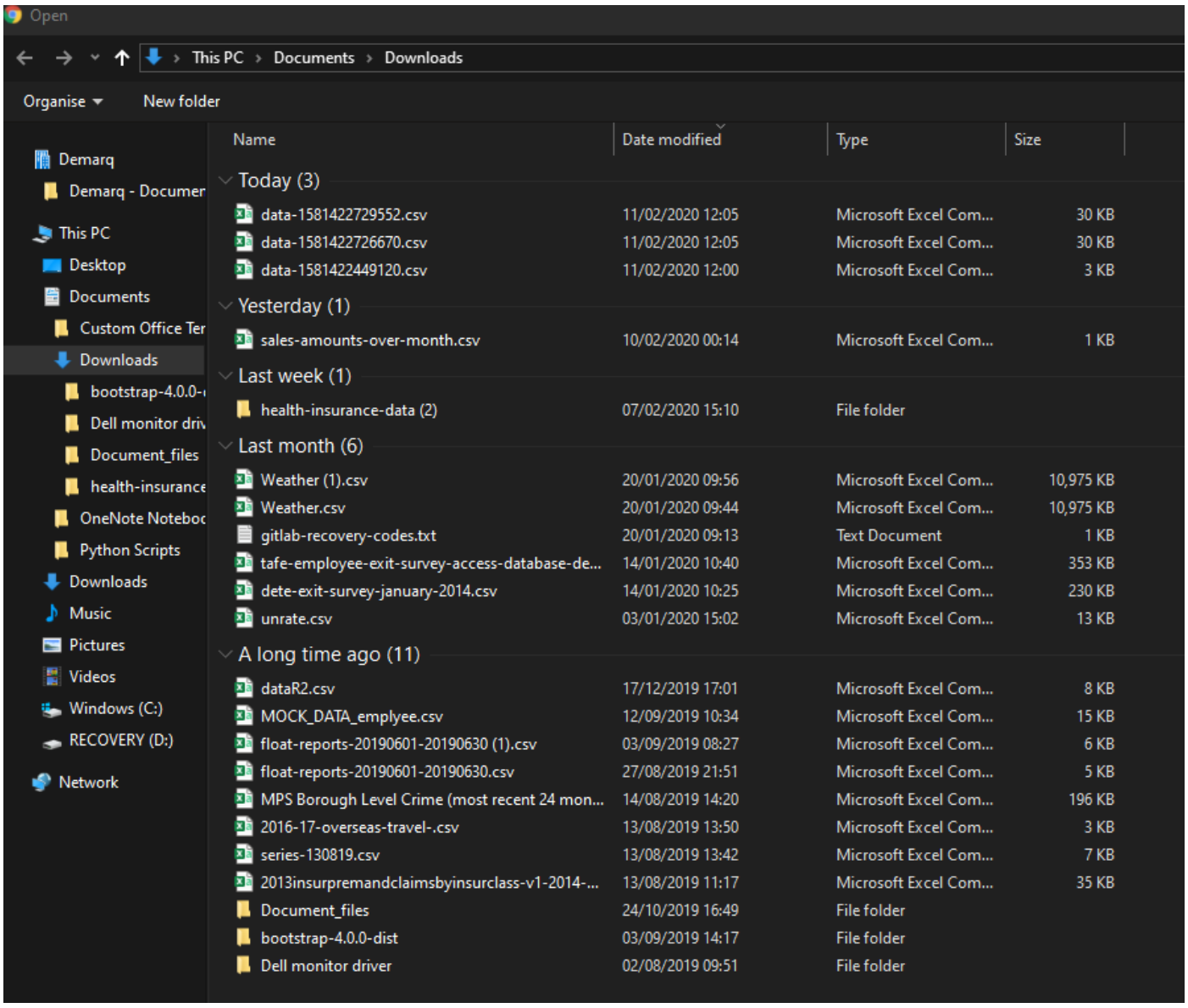
- Click Next



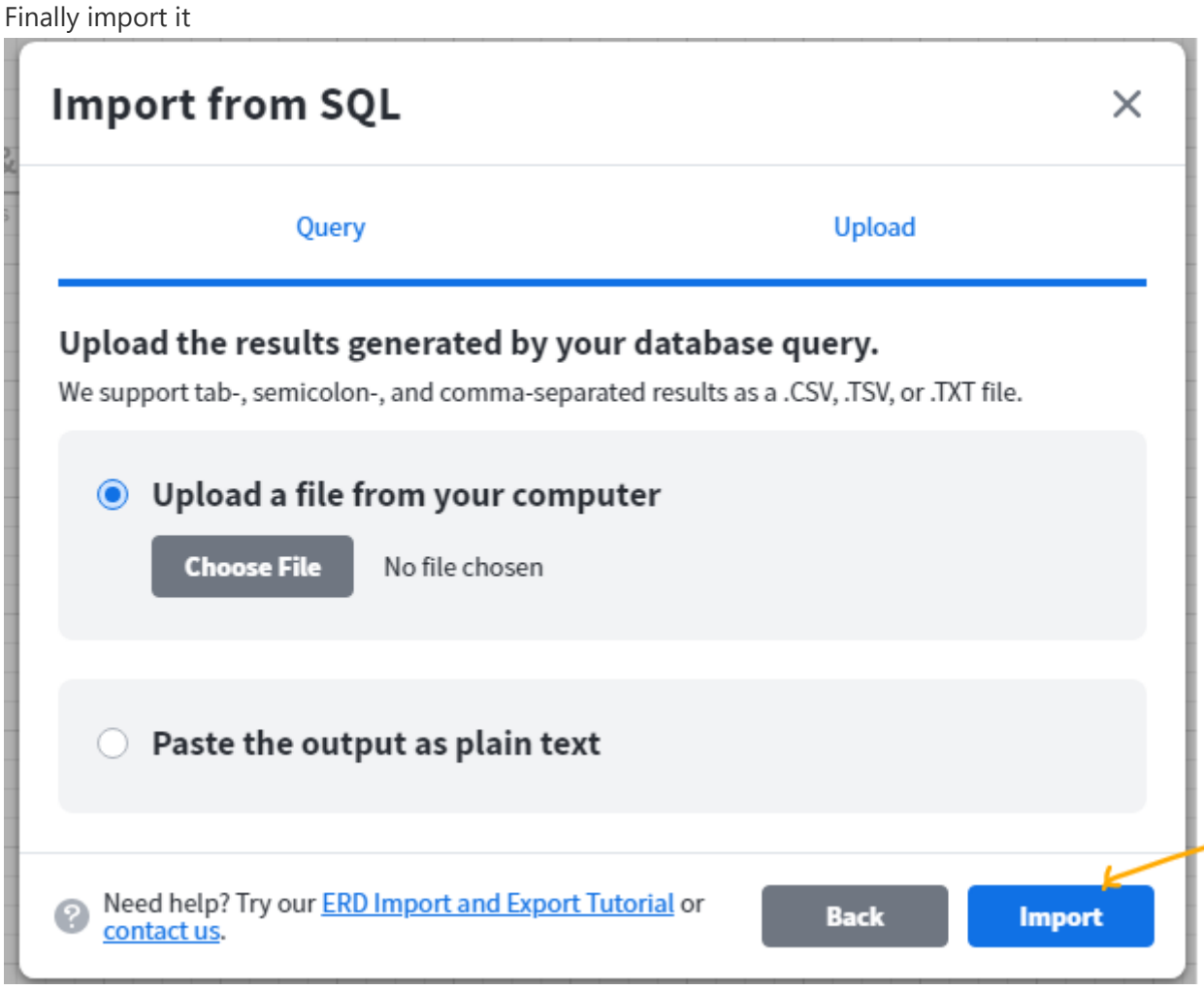
- Chose the **Upload a file from your computer** option and **choose the file**



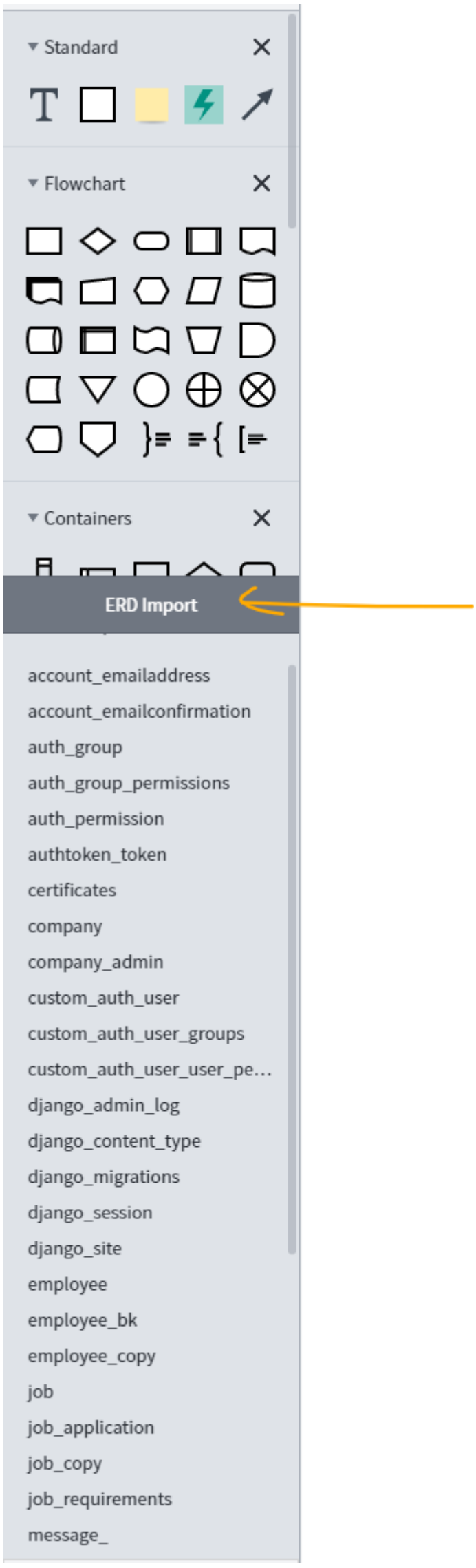
- Chose the file



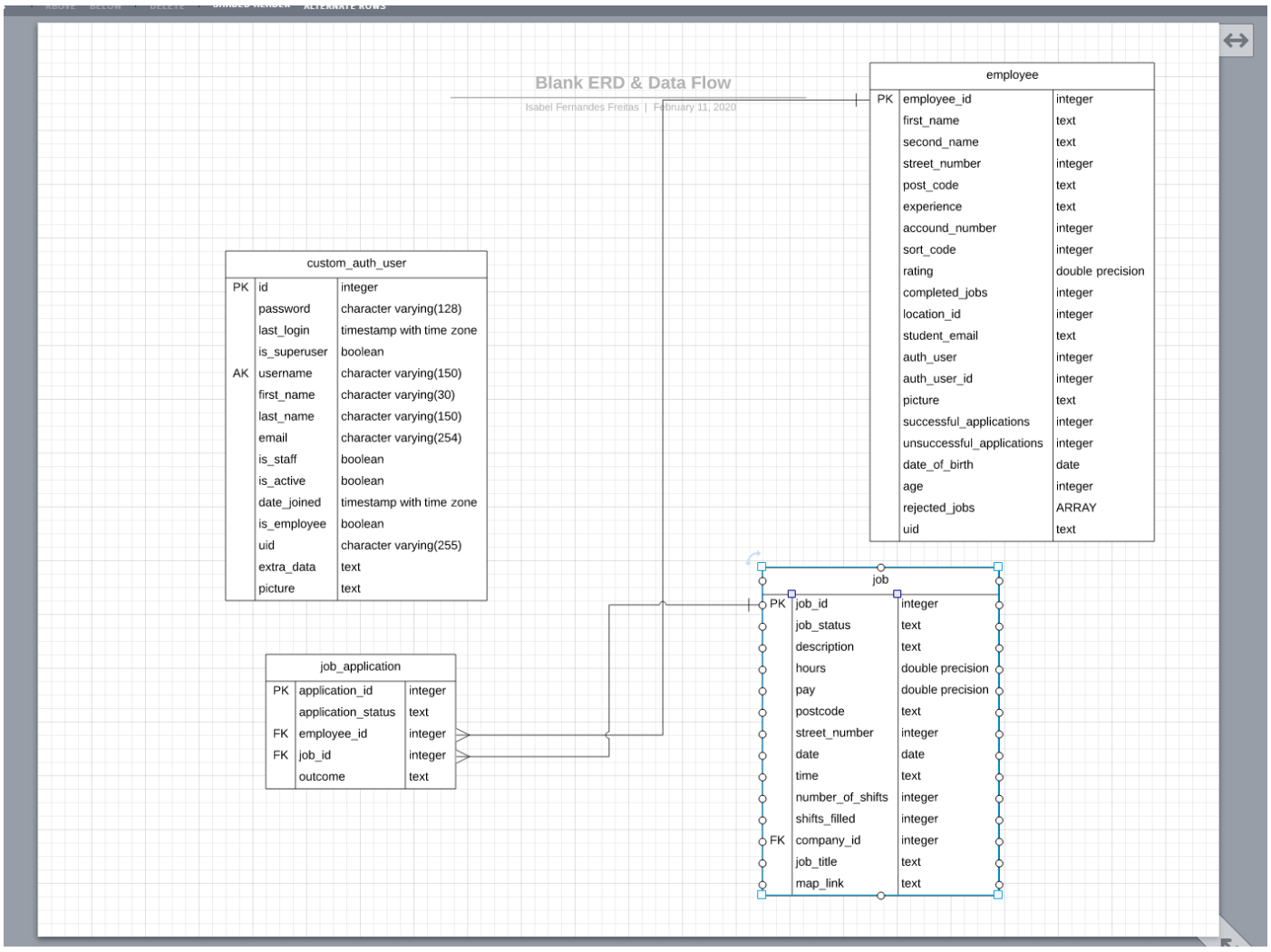
- Finally import it



- Under **ERD Import** all the columns sould be visible



- Drag the entities out and the entity relationships should be kept


Blank ERD & Data Flow
Isabel Fernandes Freitas | February 11, 2020
employee
PK employee_id integer
first_name text
second_name text
street_number integer
post_code text
experience text
accound_number integer
sort_code integer
rating double precision
completed_jobs integer
location_id integer
student_email text
auth_user integer
auth_user_id integer
picture text
successful_applications integer
unsuccessful_applications integer
date_of_birth date
age integer
rejected_jobs ARRAY
uid text
custom_auth_user
PK id integer
password character varying(128)
last_login timestamp with time zone
is_superuser boolean
AK username character varying(150)
first_name character varying(30)
last_name character varying(150)
email character varying(254)
is_staff boolean
is_active boolean
date_joined timestamp with time zone
is_employee boolean
uid character varying(255)
extra_data text
picture text
job
PK job_id integer
job_status text
description text
hours double precision
pay double precision
postcode text
street_number integer
date date
time text
number_of_shifts integer
shifts_filled integer
FK company_id integer
job_title text
map_link text
job_application
PK application_id integer
application_status text
FK employee_id integer
FK job_id integer
outcome text