# Creating the Schema

For the database schema, we identified all the primary keys and foreign keys within each table. We also identified each field’s datatype. Then we used QuickDBD to create the schema. From there we were able to export four files, a pdf, a PNG image file, a SQL schema file, and a text file of the physical schema.

A screenshot of a computer screen

Description automatically generated

# Creating the database within Postgres

We created a new database named “crowdfunding” within Postgres. With the SQL schema file that we had already created, we were able to create four tables within the database: category\_df, subcategory\_df, contacts\_df, and campaign\_df.

After the tables were created, it was time to load the data into the tables. For this process, we use Python code from upload\_csv file.



Below is a screenshot of our SELECT statement and corresponding output to test that the data was loaded into the campaign\_df table. We repeated this process for the other 3 tables.

A screenshot of a computer

Description automatically generated

# Data visualization: Treemap