

Data Manipulation

1 Create the table

The image consists of two screenshots of the pgAdmin 4 interface, demonstrating the steps to create a database schema and a table.

Top Screenshot: Create - Schema

- The **Object Explorer** on the left shows the database structure: Servers (1) > Anibal Server > Databases (2) > Infor_Sepropa_DB > postgres.
- The **Create - Schema** dialog box is open, with the **SQL** tab selected. The SQL editor contains the following code:

```
1 CREATE SCHEMA data_manipulation_test
2 AUTHORIZATION odoo;
```
- The background shows the **Database sessions** and **Tuples in** monitors.

Bottom Screenshot: Create - Table

- The **Object Explorer** on the left shows the database structure: Servers (1) > Anibal Server > Databases (2) > Infor_Sepropa_DB > data_manipulation_test.
- The **Create - Table** dialog box is open, with the **SQL** tab selected. The SQL editor contains the following code:

```
1 CREATE TABLE data_manipulation_test."Products"
2 (
3     "ID" serial NOT NULL,
4     "Supplier IDs" text NOT NULL,
5     "Product Code" text NOT NULL,
6     "Product Name" text NOT NULL,
7     "Standard Cost" integer,
8     "List Price" integer,
9     "Reorder Level" integer,
10    "Target Level" integer,
11    "Quantity Per Unit" text NOT NULL,
12    "Discontinued" boolean NOT NULL,
13    "Minimum Reorder Quantity" integer,
14    "Category" text NOT NULL,
15    PRIMARY KEY ("ID")
16 );
17
18 ALTER TABLE IF EXISTS data_manipulation_test."Products"
19 OWNER to odoo;
```
- The background shows the **Transactions** and **Comm** monitors.

pgAdmin

FileObjectToolsHelp

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Object Explorer

data_manipulation_test

Aggregates

Collations

Domains

FTS Configurations

FTS Dictionaries

FTS Parsers

FTS Templates

Foreign Tables

Functions

Materialized Views

Operators

Procedures

Sequences

Tables (1)

Products

Columns

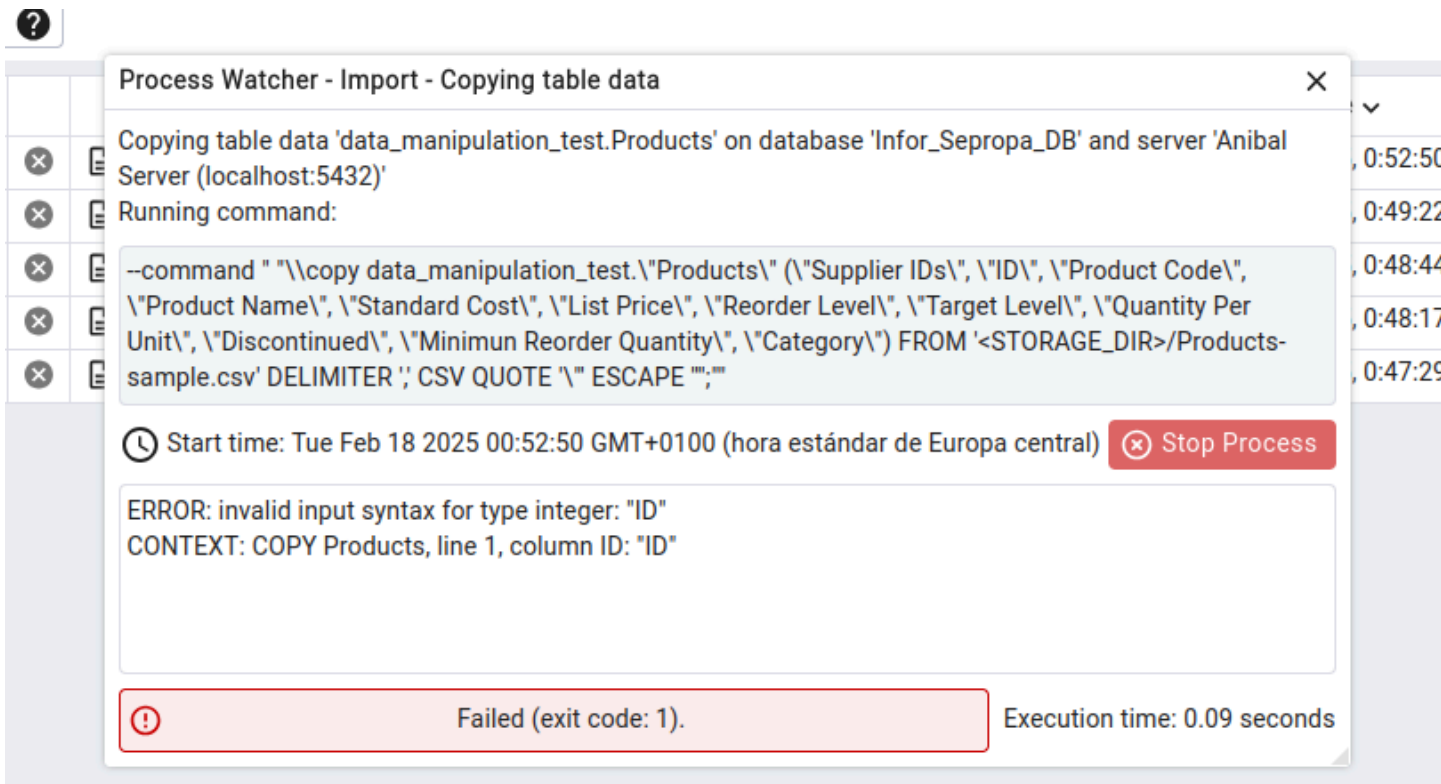
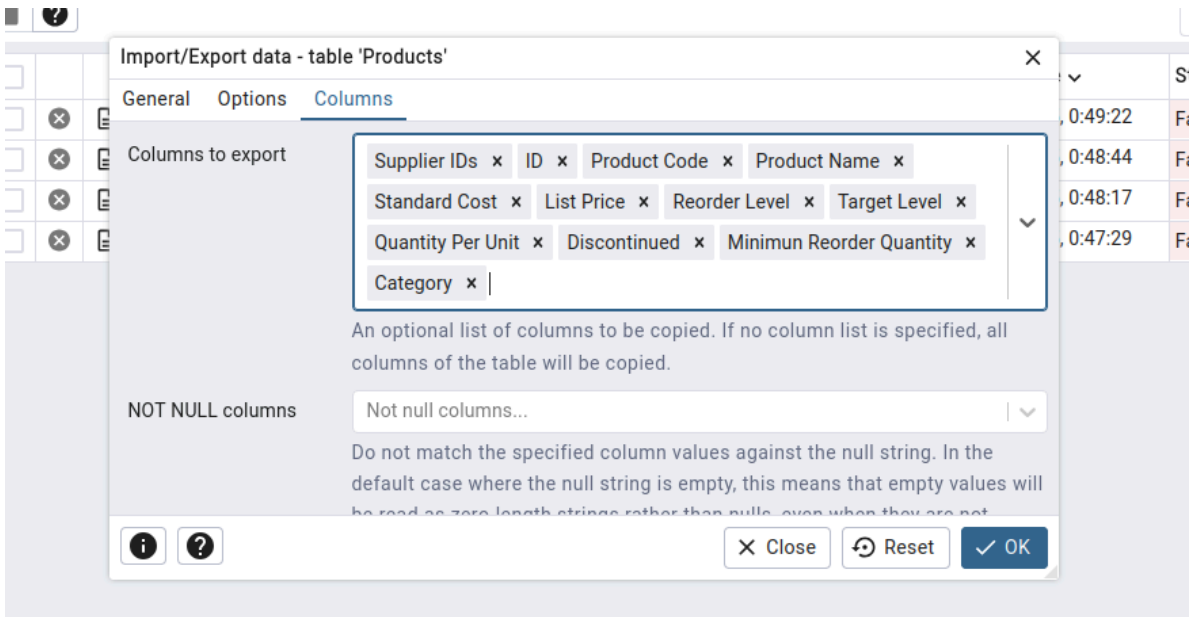
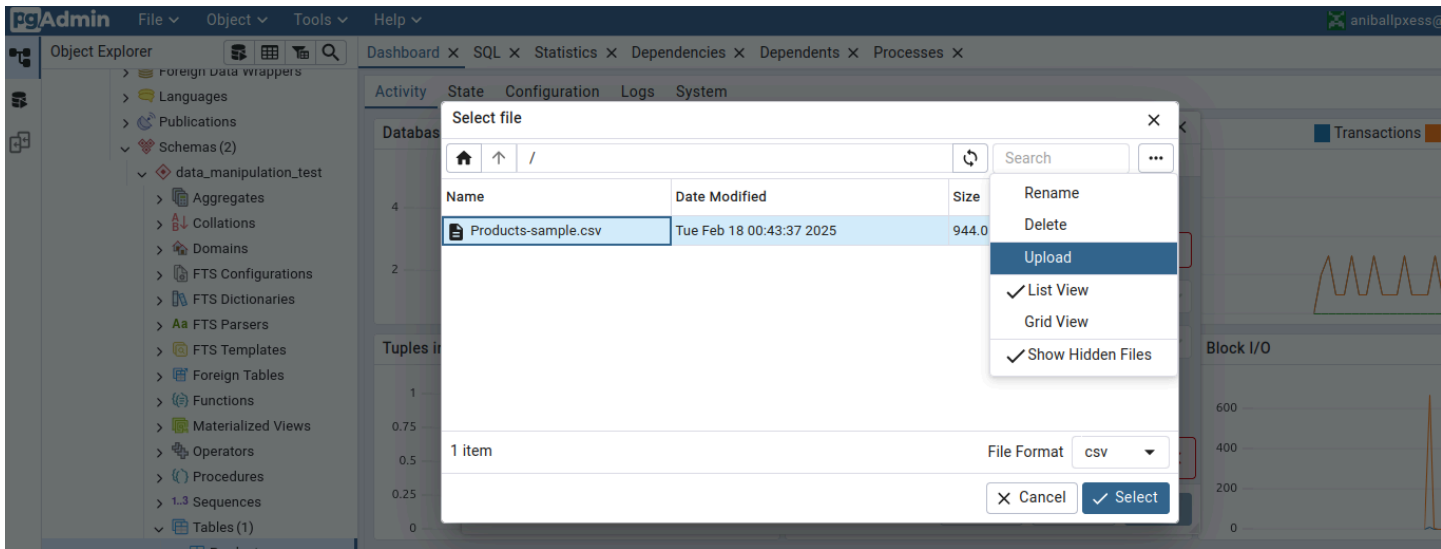
Constraints

Indexes

DashboardPropertiesSQLStatisticsDependenciesDependentsProcesses

Search

2 Fill the table with the data



Aparentemente la vague al crear la tabla y no acepta los valores del .csv (me pasa por crearme más listo que chatGPT en algo tan elemental) pero si eso no hubiera pasado los demás comandos deberían de funcionar bien y sin problema (también pudiera haberlo metido toda la info del .csv por INSERT)

3 List products from "Supplier A"

```
SELECT * FROM data_manipulation_test."Products"  
WHERE "Supplier IDs" LIKE '%Supplier A%';
```

4 Discontinue "Olive Oil"

```
UPDATE data_manipulation_test."Products"  
SET "Discontinued" = TRUE  
WHERE "Product Name" = 'Olive Oil';
```

5 Delete "Dried Apple"

```
DELETE FROM data_manipulation_test."Products"  
WHERE "Product Name" = 'Dried Apples';
```