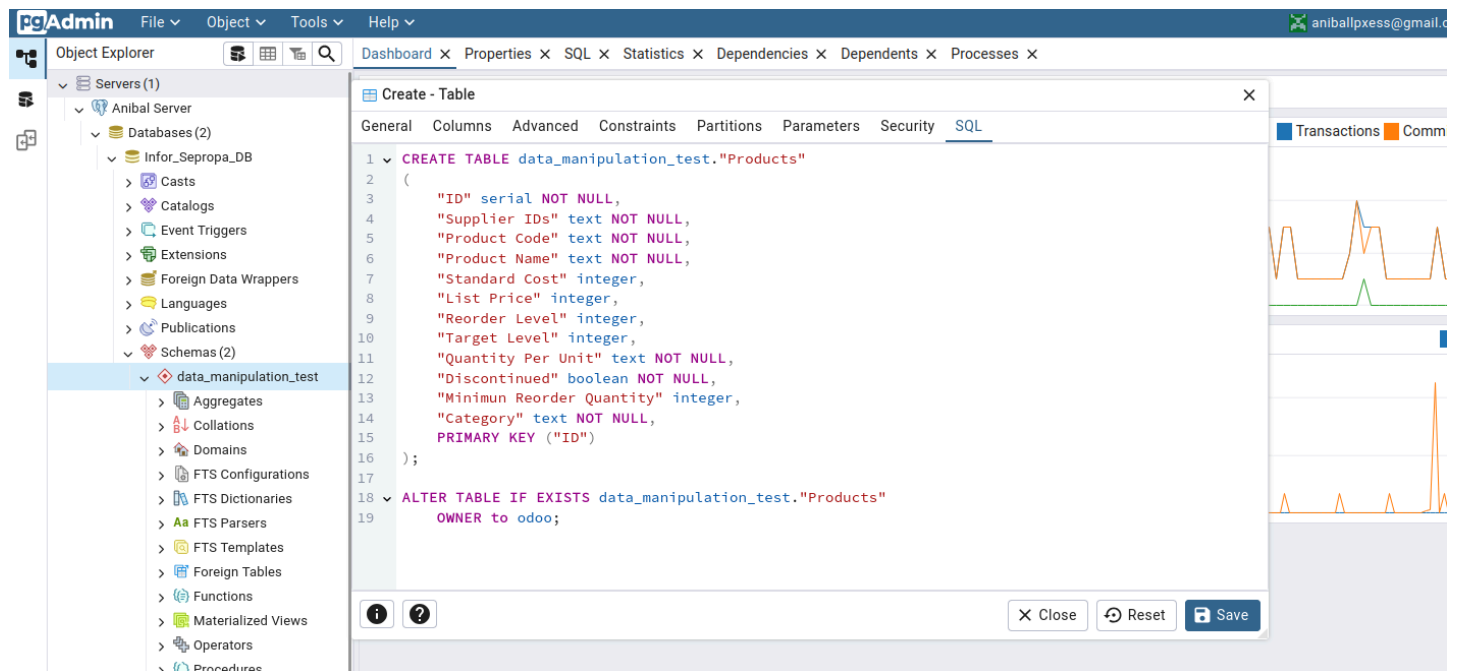
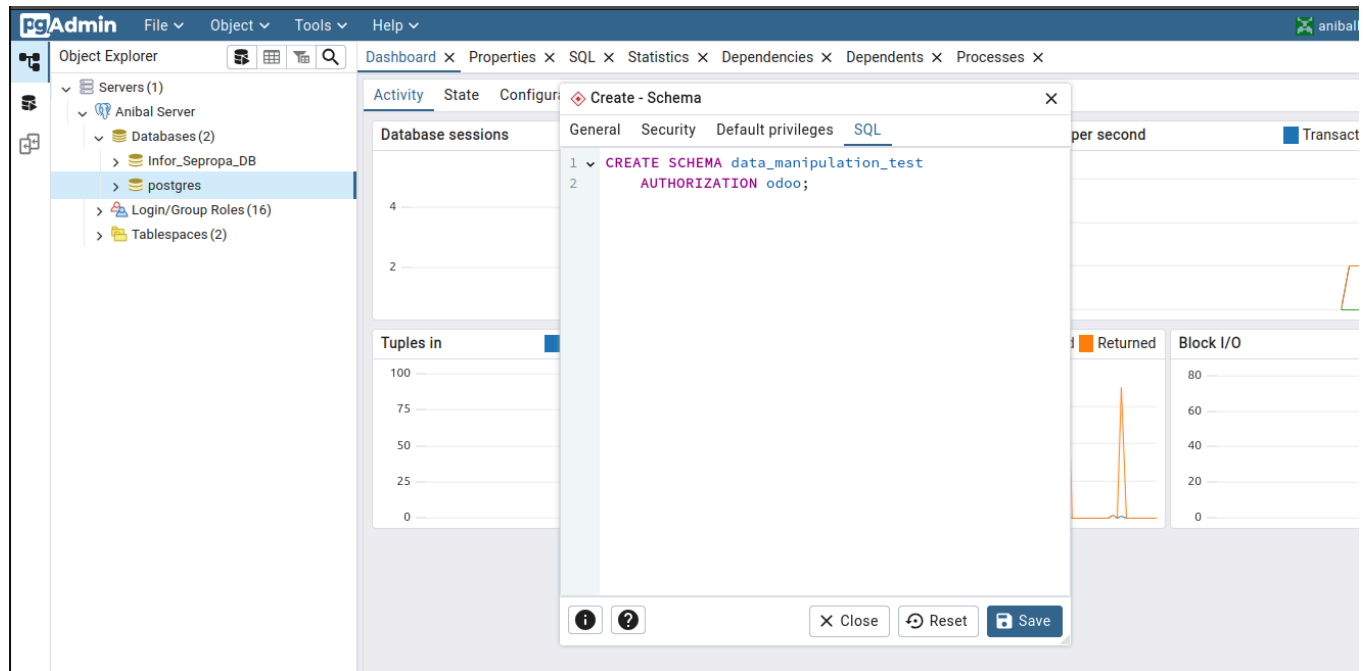


# Data Manipulation

## 1 Create the table



pgAdmin

FileObjectToolsHelp

anibalpxess@gr

Object Explorer

data\_manipulation\_test

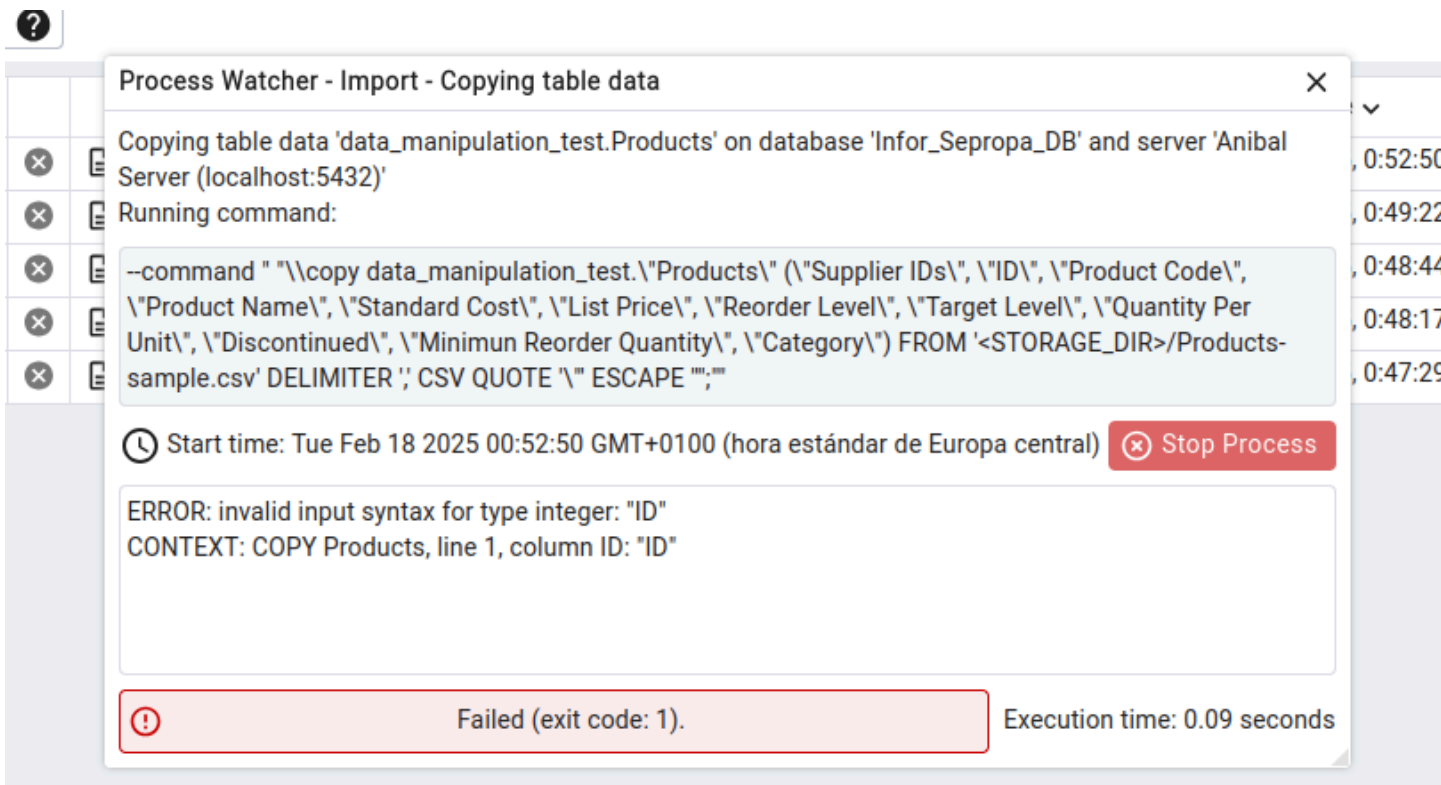
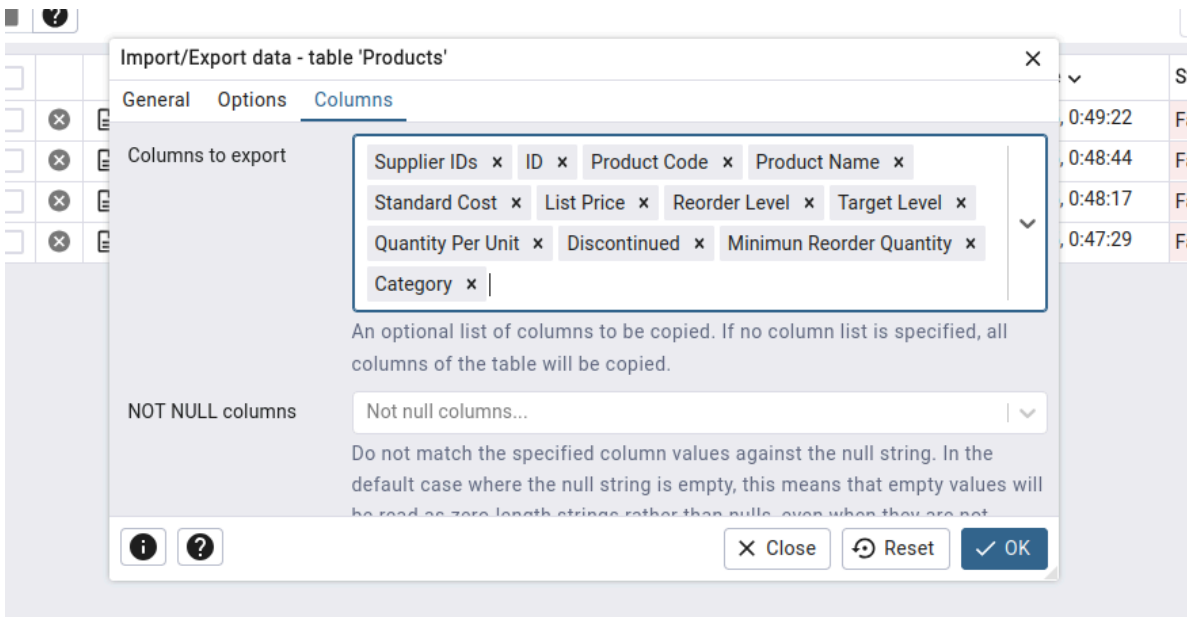
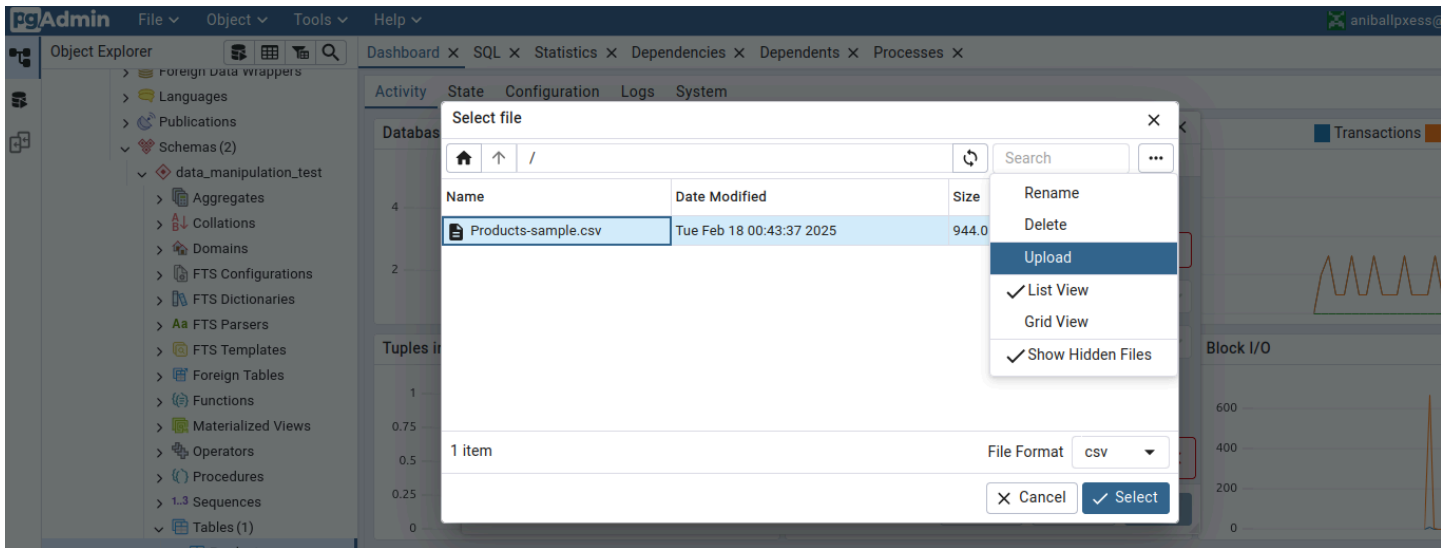
- Aggregates
- Collations
- Domains
- FTS Configurations
- FTS Dictionaries
- FTS Parsers
- FTS Templates
- Foreign Tables
- Functions
- Materialized Views
- Operators
- Procedures
- Sequences
- Tables (1)
  - Products
    - Columns
    - Constraints
    - Indexes

DashboardPropertiesSQLStatisticsDependenciesDependentsProcesses

Search

<input type="checkbox"/>	Name	Data type	Not NULL?	Primary key?	Comment
<input type="checkbox"/>	ID	integer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	Supplier IDs	text	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	Product Code	text	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	Product Name	text	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	Standard Cost	integer	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	List Price	integer	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	Reorder Level	integer	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	Target Level	integer	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	Quantity Per Unit	text	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	Discontinued	boolean	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	Minimun Reorder Quantity	integer	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	Category	text	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

2 Fill the table with the data



Cometí un error al olvidarme de indicar que la primera fila del .csv son los Headers de la tabla y, por lo tanto, pedir que la ignore al importar.

Import/Export data - table 'Products'

GeneralOptionsColumns

OID

Header

Delimiter

Quote

,

Specifies the character that separates columns within each row (line) of the file. The default is a tab character in text format, a comma in CSV format. This must be a single one-byte character. This option is not allowed when using binary format.

"

Process Watcher - Import - Copying table data

Copied table data 'data\_manipulation\_test.Products' on database 'Infor\_Sepropa\_DB' and server 'Anibal Server (localhost:5432)'

Running command:

--command " "\\copy data\_manipulation\_test.\"Products\" (\"Supplier IDs\", \"ID\", \"Product Code\", \"Product Name\", \"Standard Cost\", \"List Price\", \"Reorder Level\", \"Target Level\", \"Quantity Per Unit\", \"Discontinued\", \"Minimun Reorder Quantity\", \"Category\") FROM '<STORAGE\_DIR>/Products-sample.csv' DELIMITER ',' CSV HEADER QUOTE '\"' ESCAPE '\"','\"'

⌚ Start time: Mon Feb 24 2025 01:36:34 GMT+0100 (hora estándar de Europa central)

⊗ Stop Process

COPY 10

✓ Successfully completed.

Execution time: 0.25 seconds

### 3 List products from "Supplier A"

The screenshot shows a context menu for a table named "Products". The menu options include: Count Rows, Create, Delete, Delete (Cascade), Refresh..., Restore..., Backup..., Import/Export Data..., Reset Statistics, ERD For Table, Maintenance..., Scripts, Truncate, View/Edit Data, Search Objects..., Query Tool, and Properties... The "View/Edit Data" option is selected, and a sub-menu is open showing: All Rows, First 100 Rows, Last 100 Rows, and Filtered Rows... The background shows a table structure with columns: ID, Supplier IDs, Product Code, Product Name, Standard Cost, List Price, Reorder Level, Target Level, Quantity Per Unit, Discontinued, Minimun Reorder Quantity, and Category.

The screenshot shows a database management tool interface. The top bar displays the connection: "data\_manipulation\_test.Products/Infor\_Sepropa\_DB/odoo@Anibal Server". The query editor shows the following SQL query:

```
1 SELECT * FROM data_manipulation_test."Products"
2 WHERE "Supplier IDs" = 'Supplier A'
3 ORDER BY "ID" ASC
```

The query history tab is also visible, showing the same query.

	ID [PK] int	Supplier IDs text	Product Code text	Product Name text	Standard Cost integer	List Price integer	Reorder Level integer	Target Level integer	Quantity Per Unit text	Discontinued boolean	Minimun Reorder Quantity integer	Category text
1	52	Supplier A	G-52	Long Grain Rice	5	7	25	100	16 - 2 kg boxes	false	25	Grains
2	57	Supplier A	P-57	Ravioli	15	20	20	80	24 - 250 g pkgs.	false	20	Pasta
3	86	Supplier A	BGM-86	Cake Mix	11	16	10	20	4 boxes	false	5	Baked Goods & Mixes

4 Discontinue "Olive Oil"

Query

Query History

Show queries generated internally by pgAdmin?

Remove

Remove All

Today - 24/2/2025

COMMIT;

01:59:50

UPDATE data\_manipulation\_test."Products" SET "Discontinued" = true::bool...

01:59:50

BEGIN;

01:59:50

24/2/2025 1:59:50

3

Date

Rows affected

Duration

Copy

Copy to Query Editor

UPDATE data\_manipulation\_test."Products" SET

"Discontinued" = true::boolean WHERE

"ID" = 5;

	ID [PK] integer	Supplier IDs text	Product Code text	Product Name text	Standard Cost integer	List Price integer	Reorder Level integer	Target Level integer	Quantity Per Unit text	Discontinued boolean	Minimum Reorder Quantity integer	Category text
1	5	Supplier J	O-5	Olive Oil	16	21	10	40	36 boxes	true	10	Oil

## 5 Delete “Dried Apples”

The screenshot shows the Data Editor interface for a table. The table has the following columns: ID [PK] integer, Supplier IDs text, Product Code text, Product Name text, Standard Cost integer, List Price integer, Reorder Level integer, Target Level integer, Quantity Per Unit text, Discontinued boolean, Minimum Reorder Quantity integer, and Category text. A context menu is open over the 'Supplier IDs' column, showing options: Delete, Alt, Shift, and D. The table data includes rows for 'Olive Oil' and 'Dried Apples'.

	ID [PK] integer	Supplier IDs text	Product Code text	Product Name text	Standard Cost integer	List Price integer	Reorder Level integer	Target Level integer	Quantity Per Unit text	Discontinued boolean	Minimum Reorder Quantity integer	Category text
1	5	Supplier J	O-5	Olive Oil	16	21	10	40	36 boxes	true	10	Oil
2	51	Supplier B	DFN 51	Dried Apples	40	53	10	40	50-300 g pkgs.	false	10	Dried Fruit & Nuts


Query Query History

Show queries generated internally by pgAdmin?


Remove

Remove All

Today - 24/2/2025

 COMMIT;  
01:59:50

```
DELETE FROM data_manipulation_test."Products" WHERE "ID" IN (51);
01:59:50
```

 BEGIN;  
01:59:50

24/2/2025 1:59:50

3

Date

Rows affected

### Duration

Copy

[Copy to Query Editor](#)

```
UPDATE data_manipulation_test."Products" SET
"Discontinued" = true::boolean WHERE
"ID" = 5;
```