

Backup Data from the database

Overview:

This guide explains how to export data from the PostgreSQL database named **andromeda** using standard PostgreSQL tools and SQL queries.

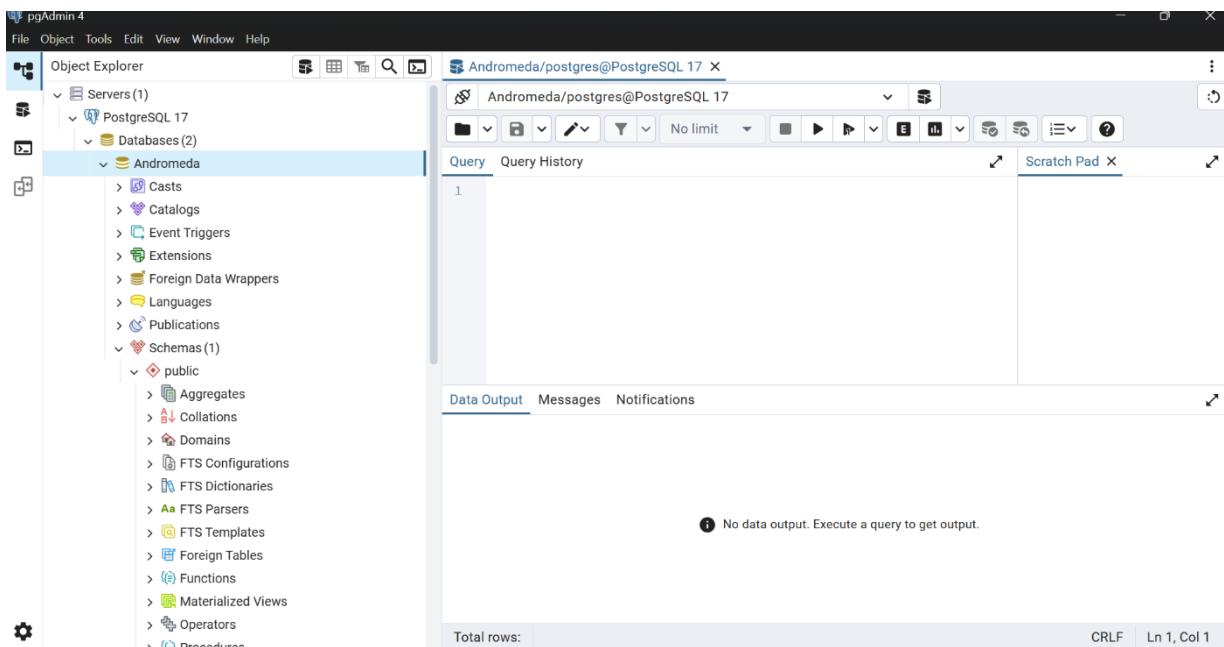
1. Prerequisites

Before exporting data, ensure:

- PostgreSQL is installed on your machine.
- You have access credentials (host, port number, username, password).
- You have permission to read the database/tables.

2. Connecting to the Database in pgAdmin

1. Open **pgAdmin**.
2. In the left panel, right-click on "**Servers**" → **Create** → **Server**.
3. Set connection parameters:
 - **Name:** e.g., Andromeda DB
 - **Host:** e.g., localhost or IP address
 - **Port:** usually 5432
 - **Username and Password:** your PostgreSQL login
4. Click **Save**
5. You should now see the database andromeda listed under your server.



3. Exporting Table Data to CSV

Export via Table View

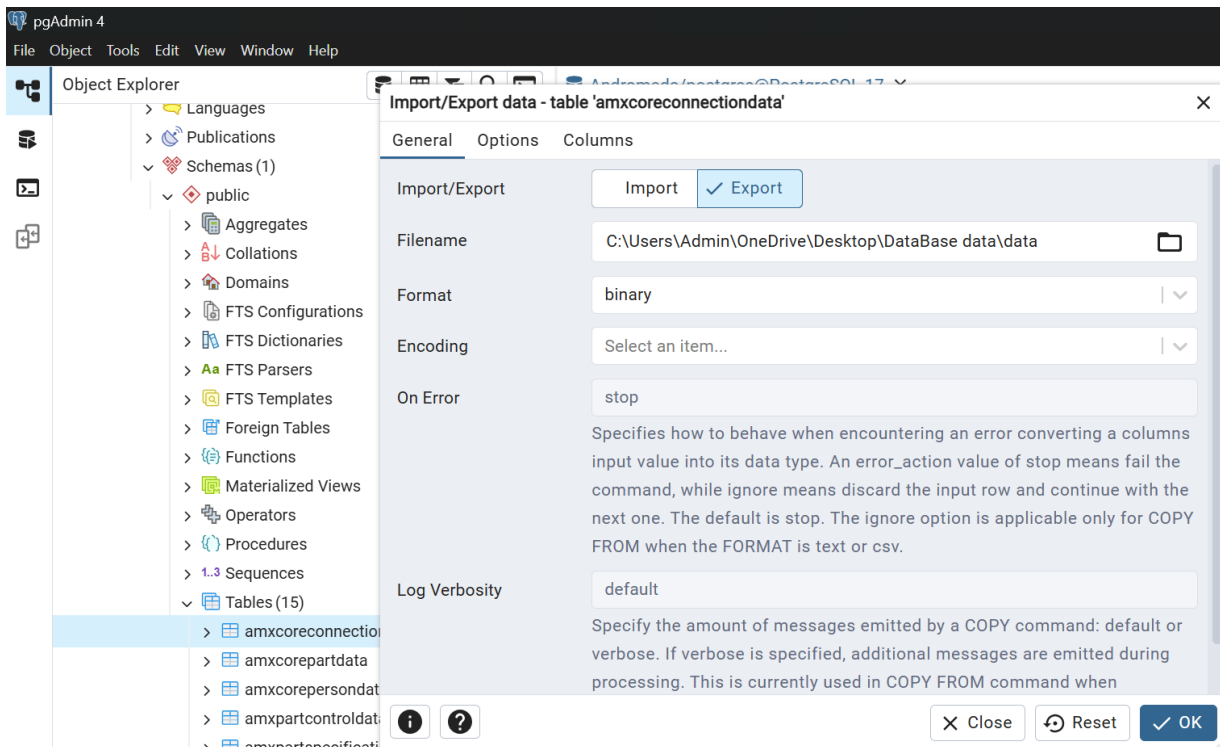
1. Navigate
Servers > [Your Server] > Databases > andromeda > Schemas > public > Tables
2. Right-click the table you want to export → **View/Edit Data** → **All Rows**

to:

3. Once the data loads:

- Click the **"Download as CSV"** button (usually a disk icon or in the toolbar above the grid).
- Choose the save location on your local computer.

That's it — your table is now saved as a .csv file.



4. Exporting with SQL in the Query Tool

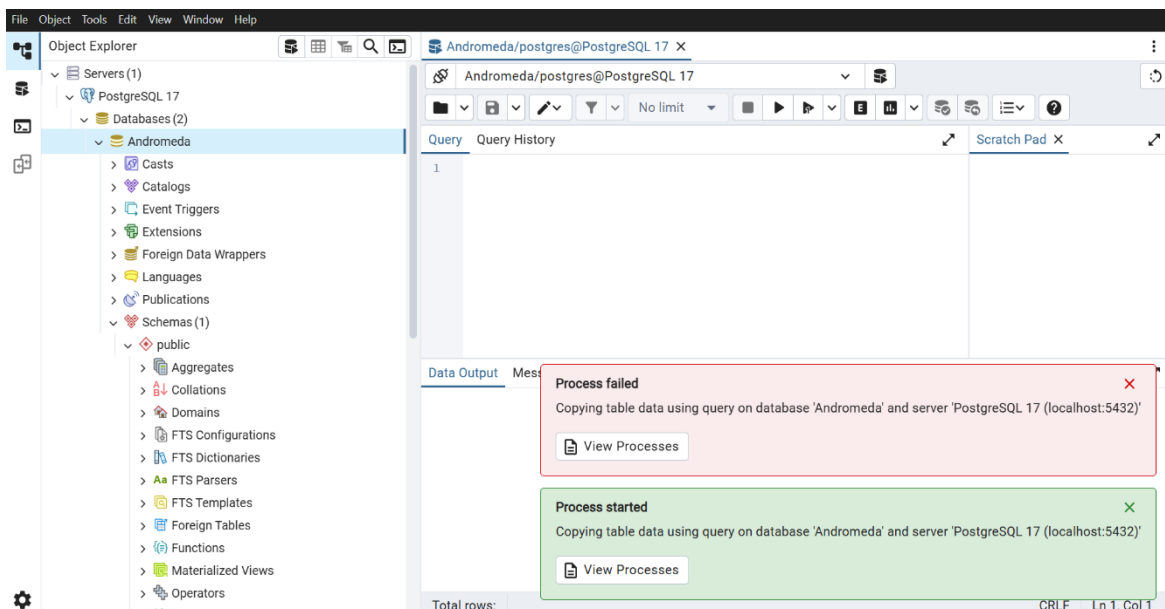
If you want to export filtered or custom data:

1. Right-click the andromeda database → **Query Tool**
2. Run a query like:

```
SELECT * FROM users WHERE created at >= '2025-09-21';
```

3. Once the results show up:

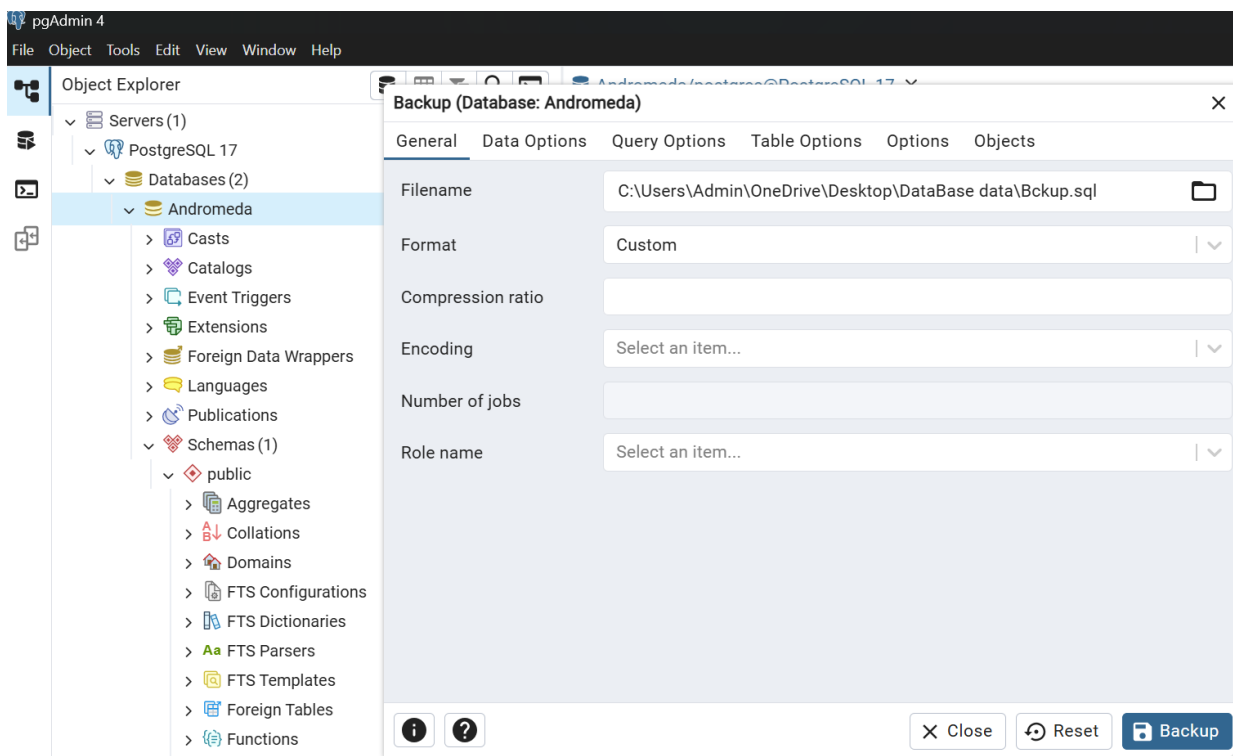
- Right-click the result grid.
- Select **"Save As CSV"**.
- Choose your file location and filename.



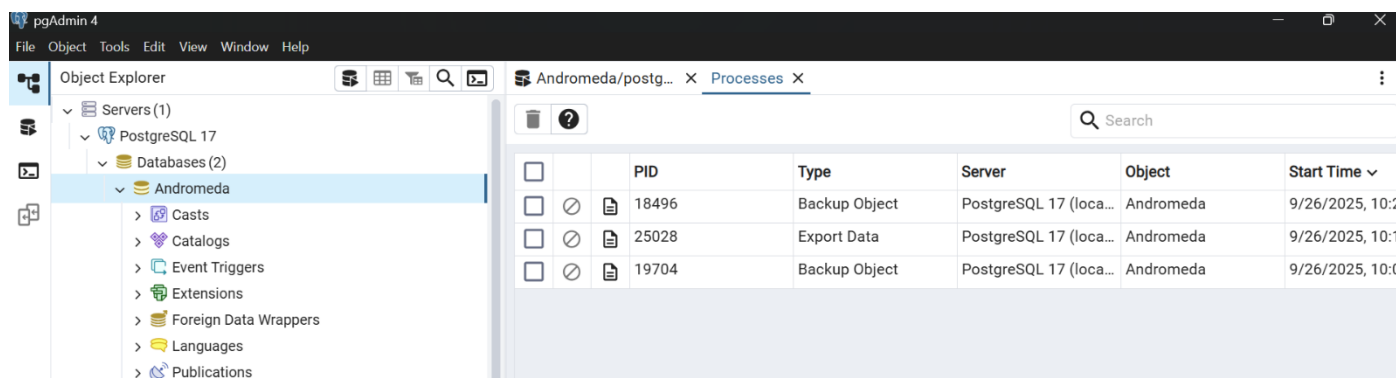
5. Exporting without any Queries:

If you want to export filtered or custom data:

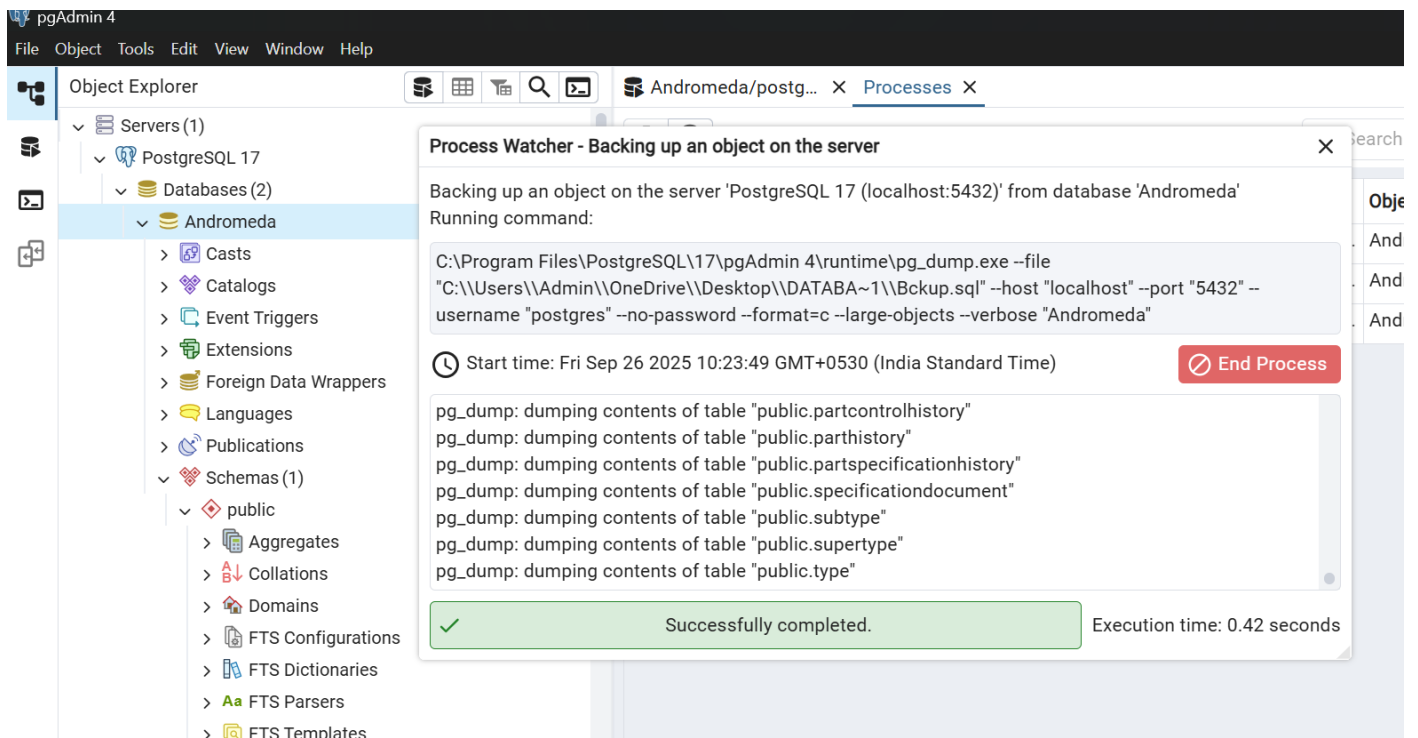
1. Right-click the andromeda database → **Backup**
2. It opens a custom box with required fields like Filename, Format, Encoding type.
3. Once the custom dialog box shows up:
 - Choose your file location and filename.
 - Keep the Format as custom.
 - It looks like this after enter your required fields.
 - Click on “**Backup**”.
 - After that you may see the Process of your data.



- Click on the View process you can see the process of your database is backup in with the details.



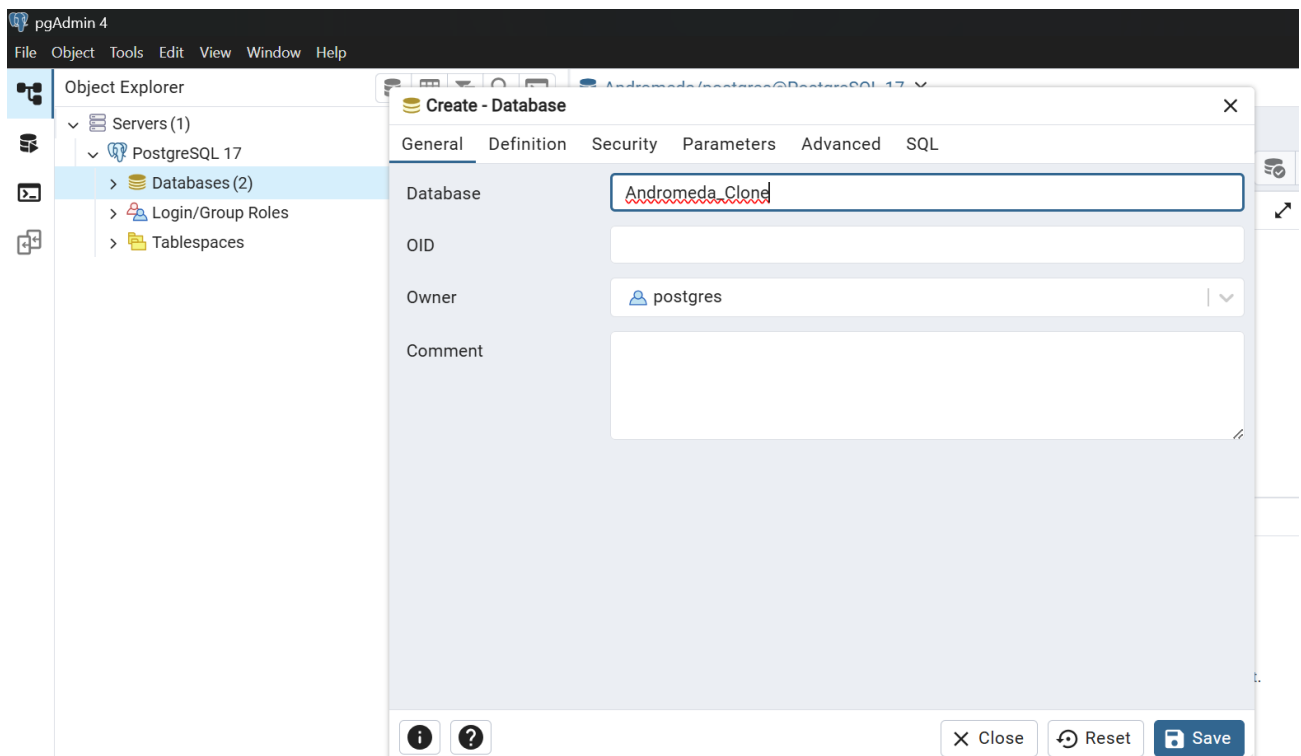
- Here you can notice that the process details of your database exporting details and you can notice that the process and the details of the process.



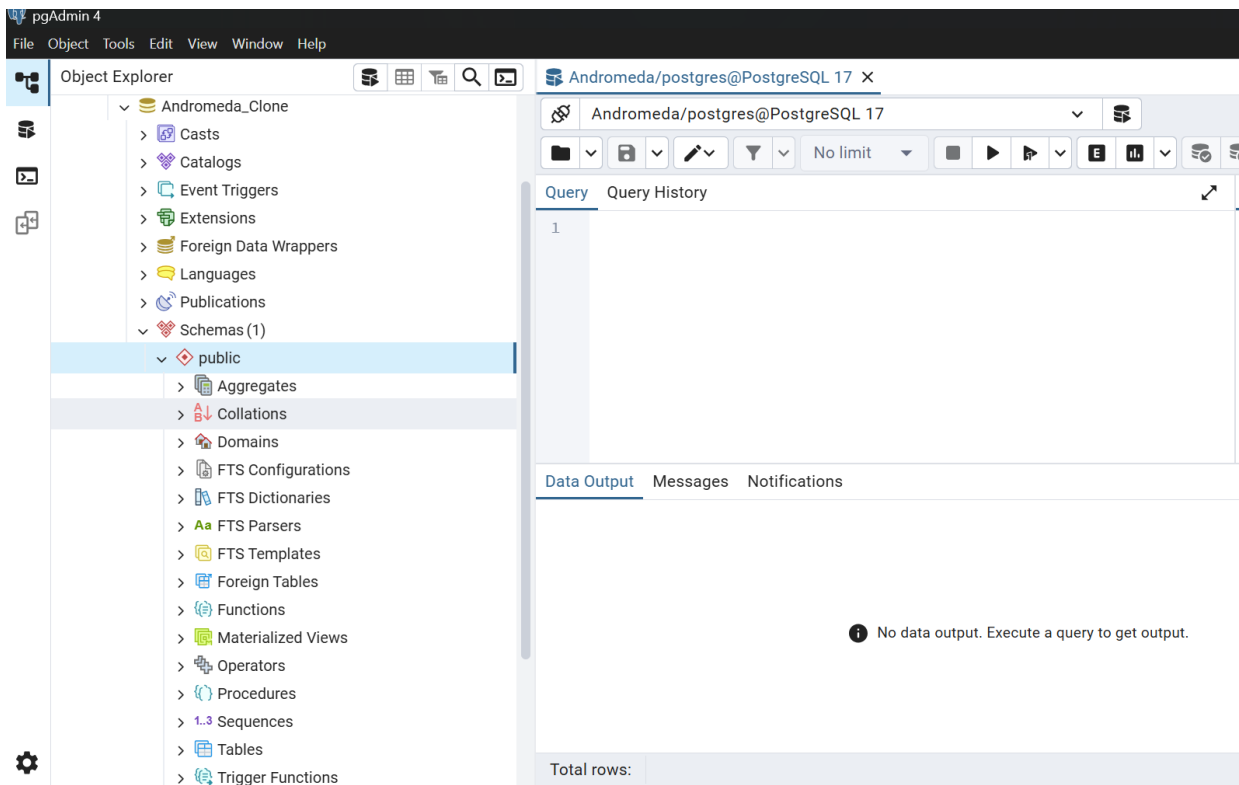
6. Importing the Database data;

If you want to import the exported database data:

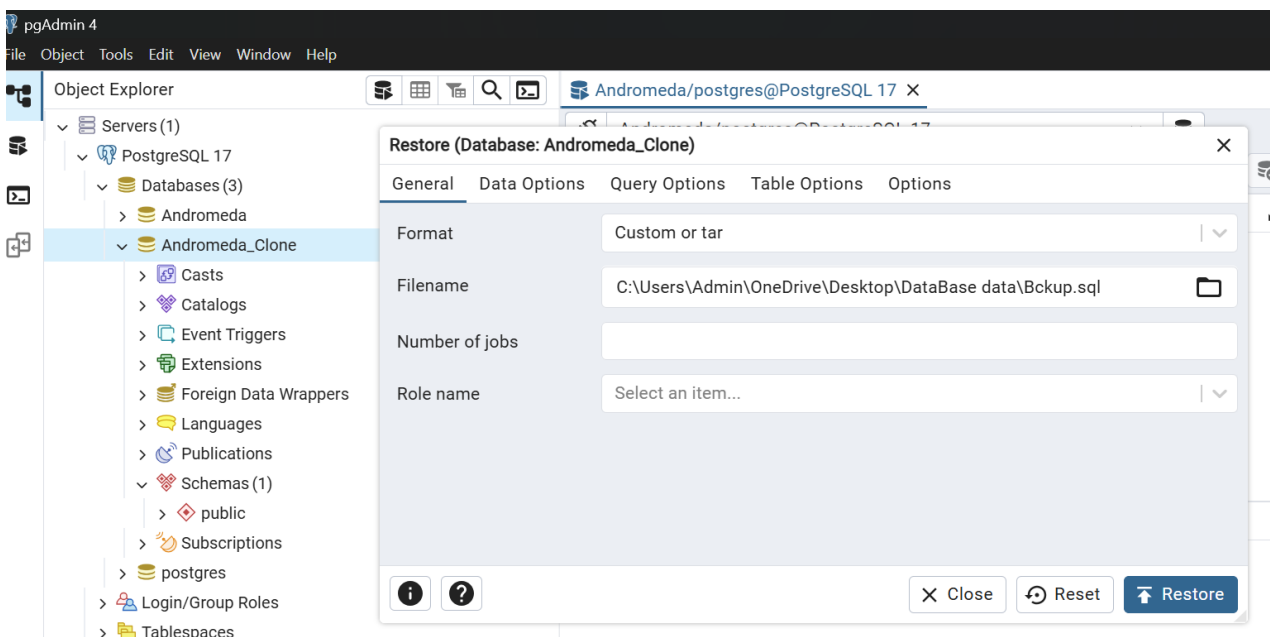
1. In the left panel, right-click on **"Databases"** → **Create** → **"Database"**.
2. Click on the database it opens a custom page like this .



3. Click on save, it will create your new database.
4. Check all the schemas and required data for your database.



- Now Right Click on your Database e.g.: Andromeda_Clone.
- Click on Restore it opens a custom page like this



- Give your filepath in the Filename make the Format as custom as we make the backup data with custom format only.
- After all the required fields are entered then click on the button **Restore**.
- Once we click on the restore button it will restore all the data which you are backed.
- Check all the data is present or not and the tables and the schemas in the database what you are backed for backup.

Process completed

Restoring backup on the server 'PostgreSQL 17 (localhost:5432)'

View Processes

No data out

Process started

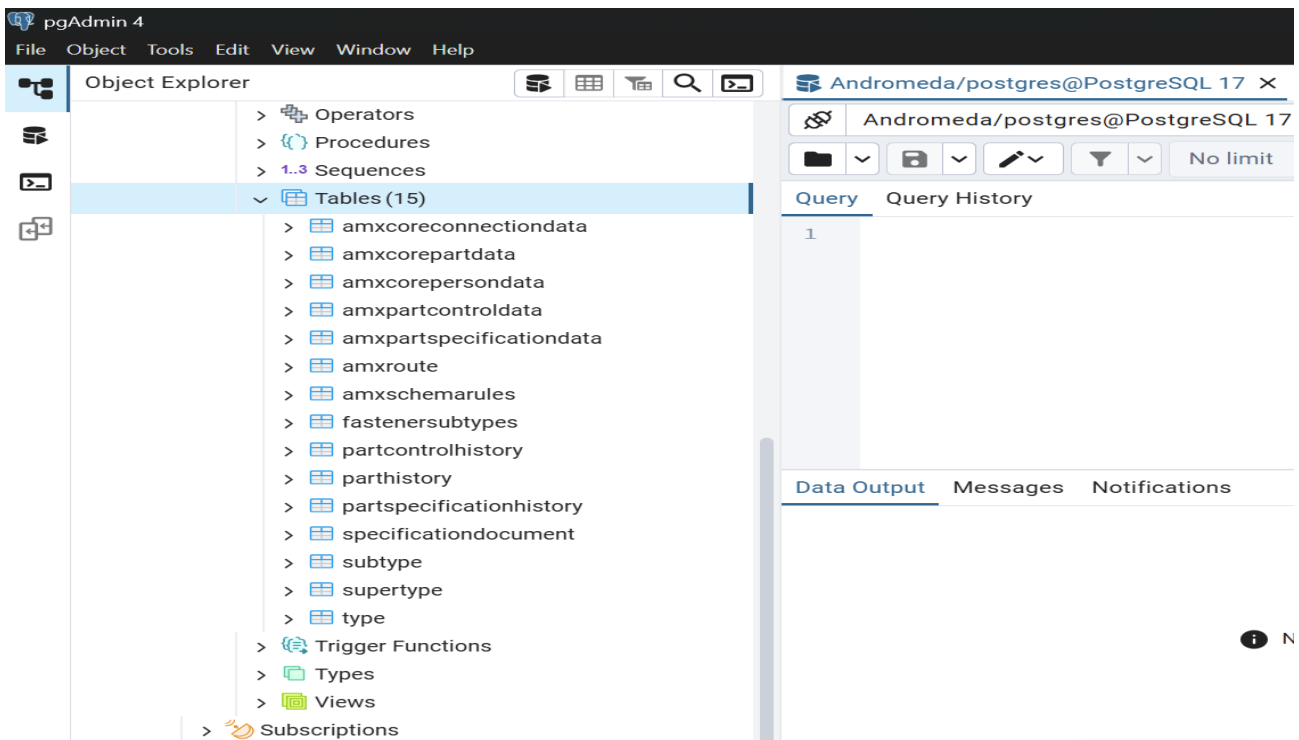
Restoring backup on the server 'PostgreSQL 17 (localhost:5432)'

View Processes

Total rows:

CRLF In 1 Col 1

- After all the Process completed check your database that all the data is restored or not.
- All the tables present in my database are backed.
- Check the tables for the data is restored or not.



- All my data from my original database is backed into my new clone database.

Data Output Messages Notifications					
Showing rows: 1 to 10 Page No: 1 of 1					
	objectid [PK] character varying (255)	apn character varying (255)	name character varying (255)	type character varying (100)	supert charac
1	23B3.9E8D.BFFF.7E72.APN	400-Clutch	400-001-Clutch	Transmission	Part
2	2D2B.6E89.AC5C.D08F.APN	901-Wiring	901-001-Wireing	ElectricalSystem	Part
3	2EEF.6B72.C2EC.A482.APN	801-MasterCylinder	801-001-MasterCylinder	BrakingSystem	Part
4	4738.F817.A124.C462.APN	114-Fuel System	114-001-Fuel System	Fastener	Part
5	4B7E.9CB2.4236.1E17.APN	104-Washers	104-001-Washers	Fastener	Part
6	765B.6F7C.1BB1.897B.APN	901-Wiring	901-002-Wireing	ElectricalSystem	Part
7	81EA.692A.5FAF.14F1.APN	805-AntiLockBreakingSystem	805-001-AntiLockBreakingSystem	BrakingSystem	Part
8	98FC.1D41.CB74.C688.APN	702-GearBox/rack	702-001-GearBox/rack	SteeringSystem	Part
9	B6C1.3A42.D0BA.5C73.APN	800-BrakePedal	800-001-BrakePedal	BrakingSystem	Part
10	B784.DA7F.8444.4ECD.APN	803-BreakRopers/Drums	803-001-BreakRopers/Drums	BrakingSystem	Part