

Documentation

How to load the database in Postgres.

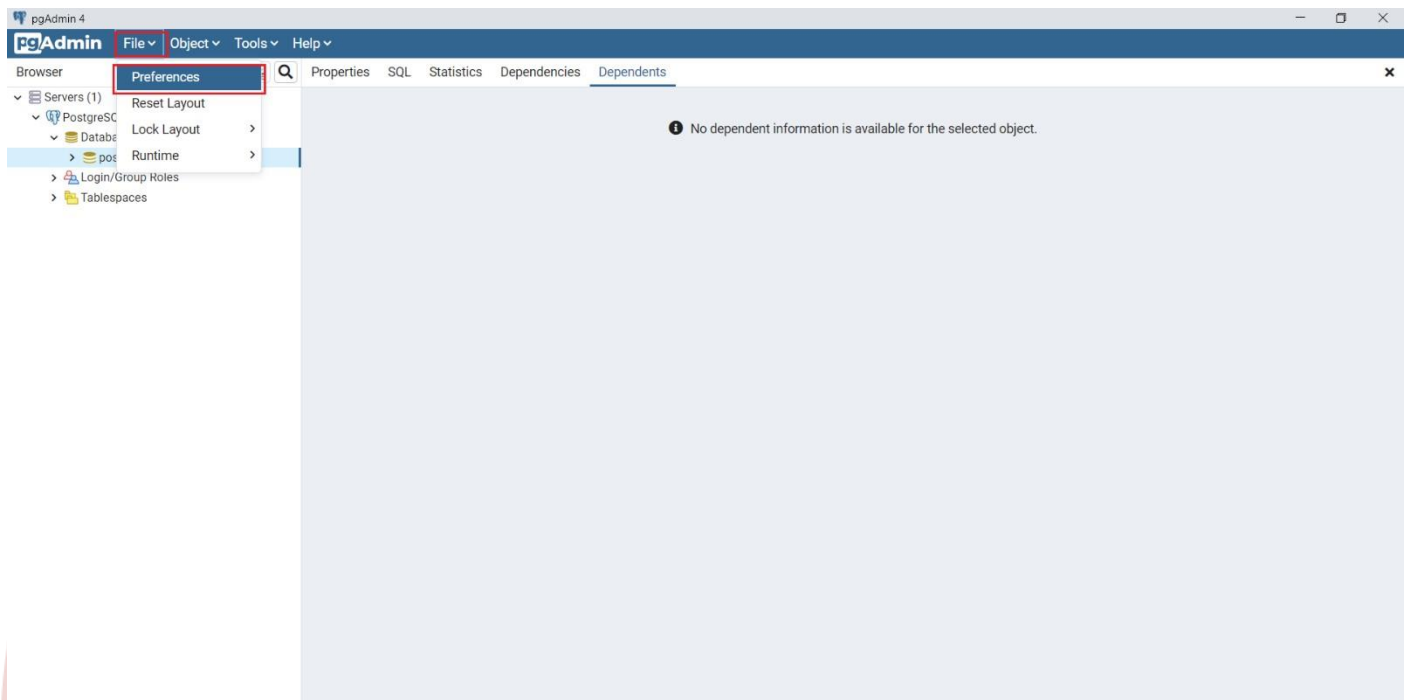
1. Using PgAdmin.....	02
2. Using Command Prompt	08
3. Using PSQL shell.....	10

Using PgAdmin

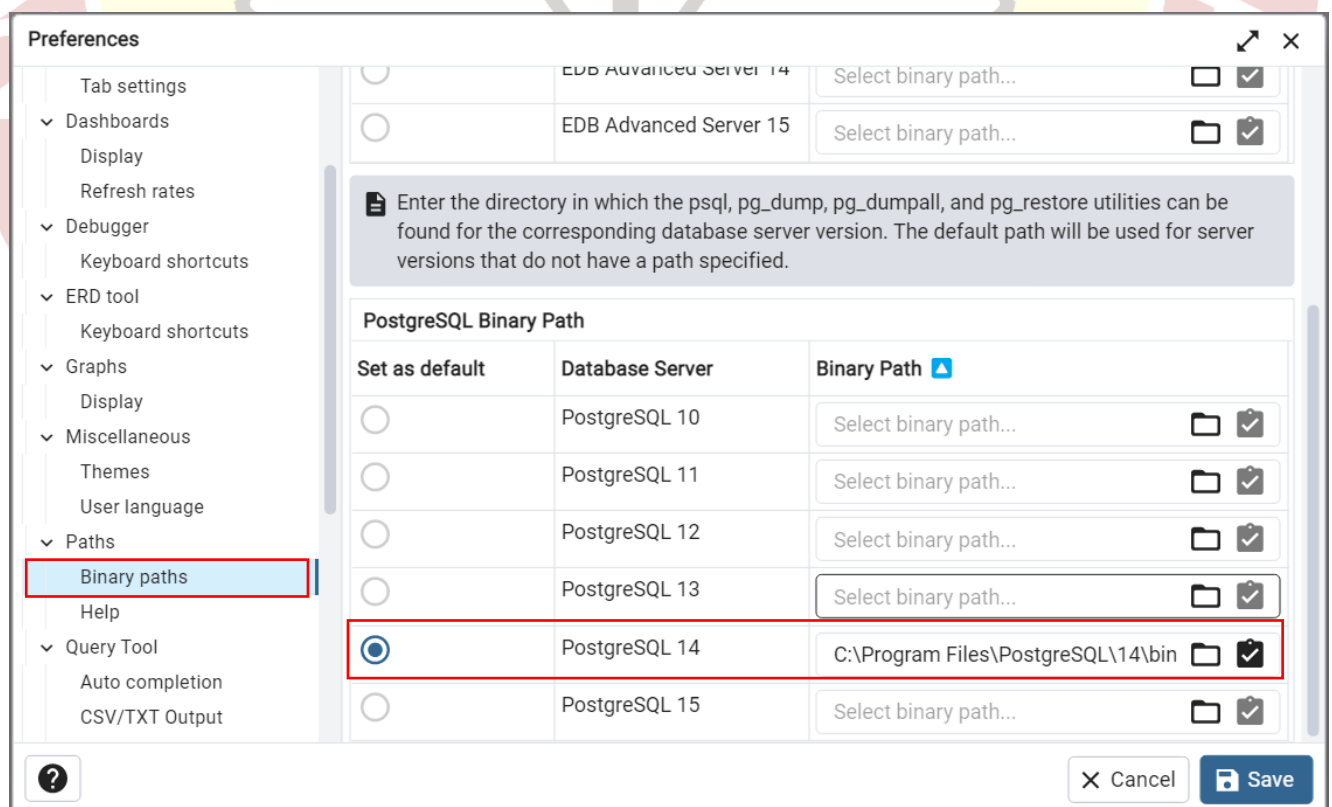
Steps to restore a database from .tar file

Initially, you need to configure the PostgreSQL Binary path in the Preferences dialog. (Please check the step below)

- **File** ➤ **Click on Preferences**

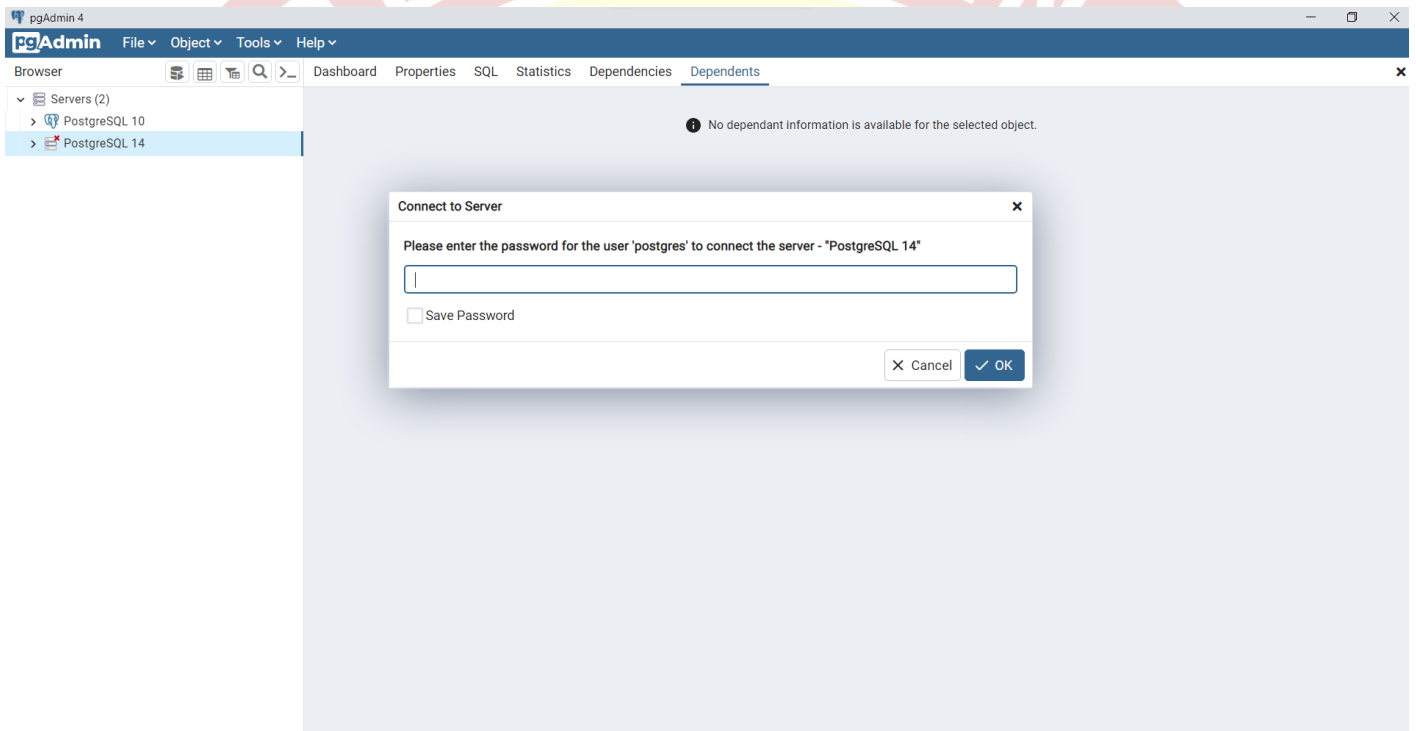


- **Paths** ➤ **Binary paths** ➤ (Copy the PostgreSQL bin location and paste it) **PostgreSQL Binary Path** ➤ **Save**

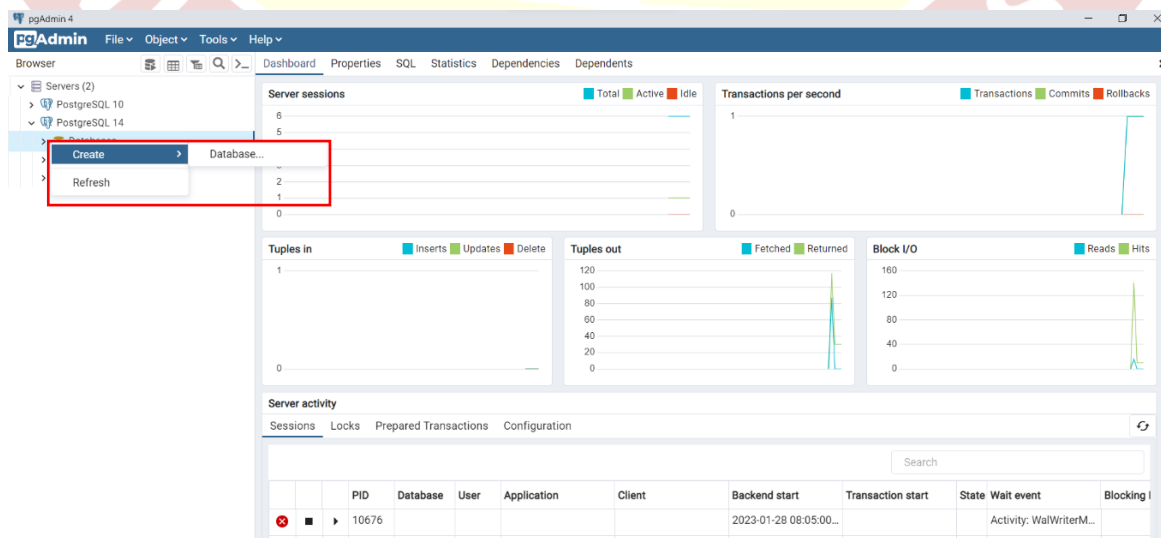


Once you complete this configuration, follow the steps shown below.

Step 1: Open **pgAdmin** ➊ Click on **PostgreSQL 14** ➋ Enter Your Password ➌ Click **OK** (See the screenshot shown below)

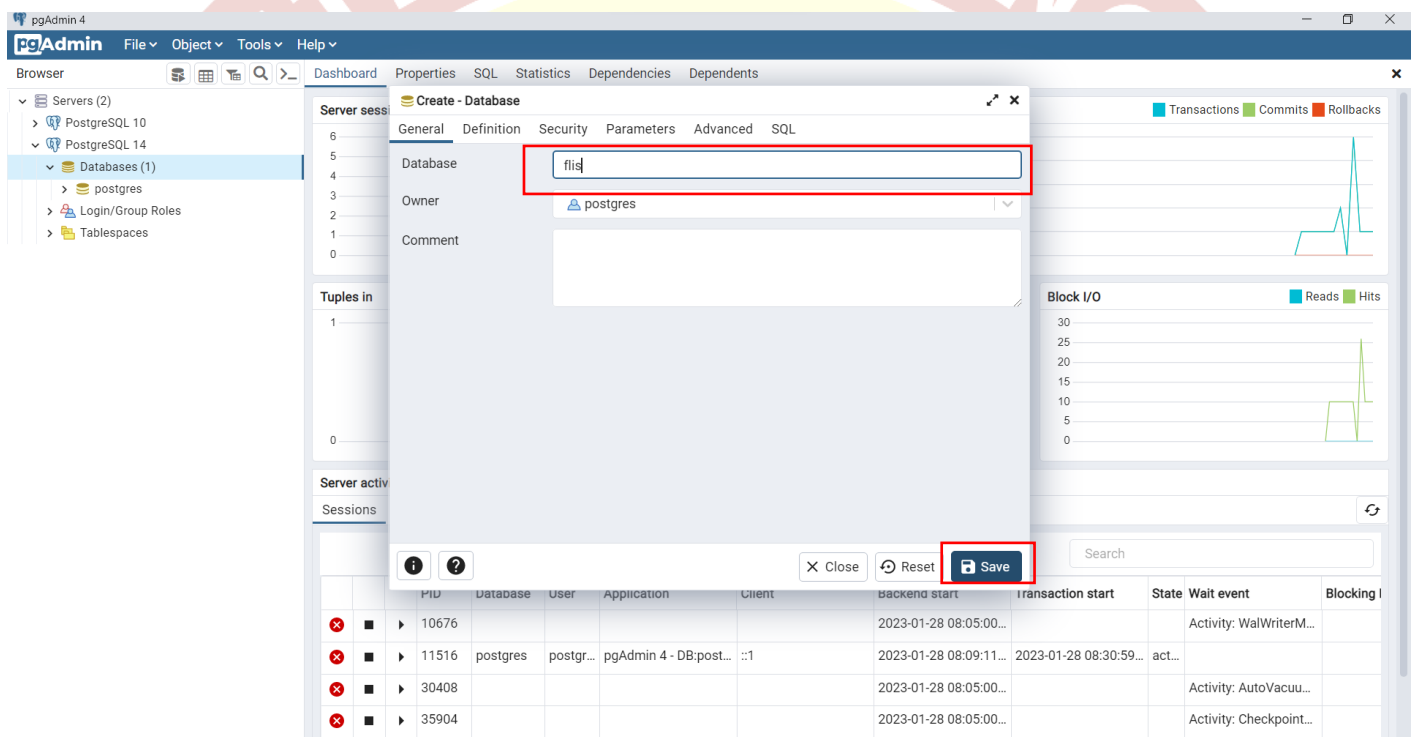


Step 2: Right click on **Databases** ➍ **Create** ➎ **Database** (See the screenshot shown below)

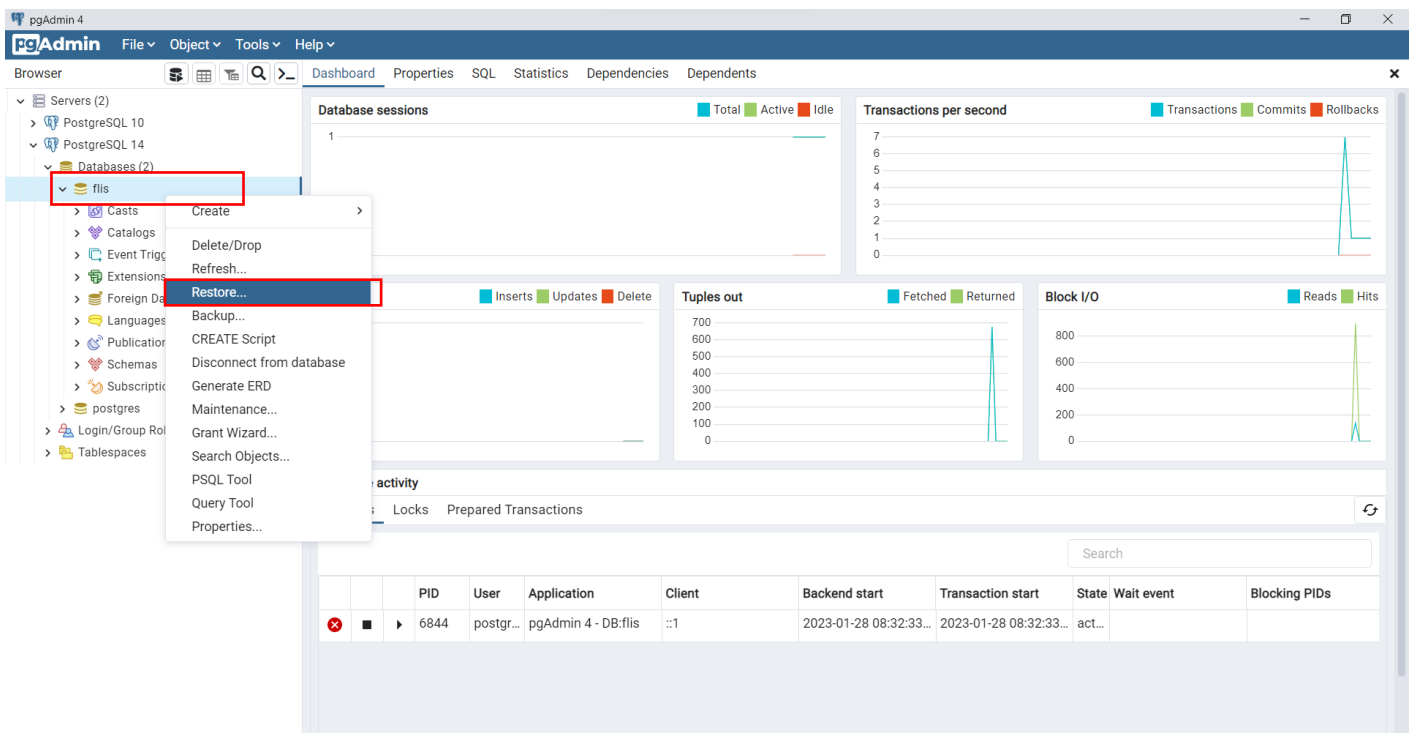


Step 3: Enter Database name (In this case, flis) ⑦ Click on **Save**

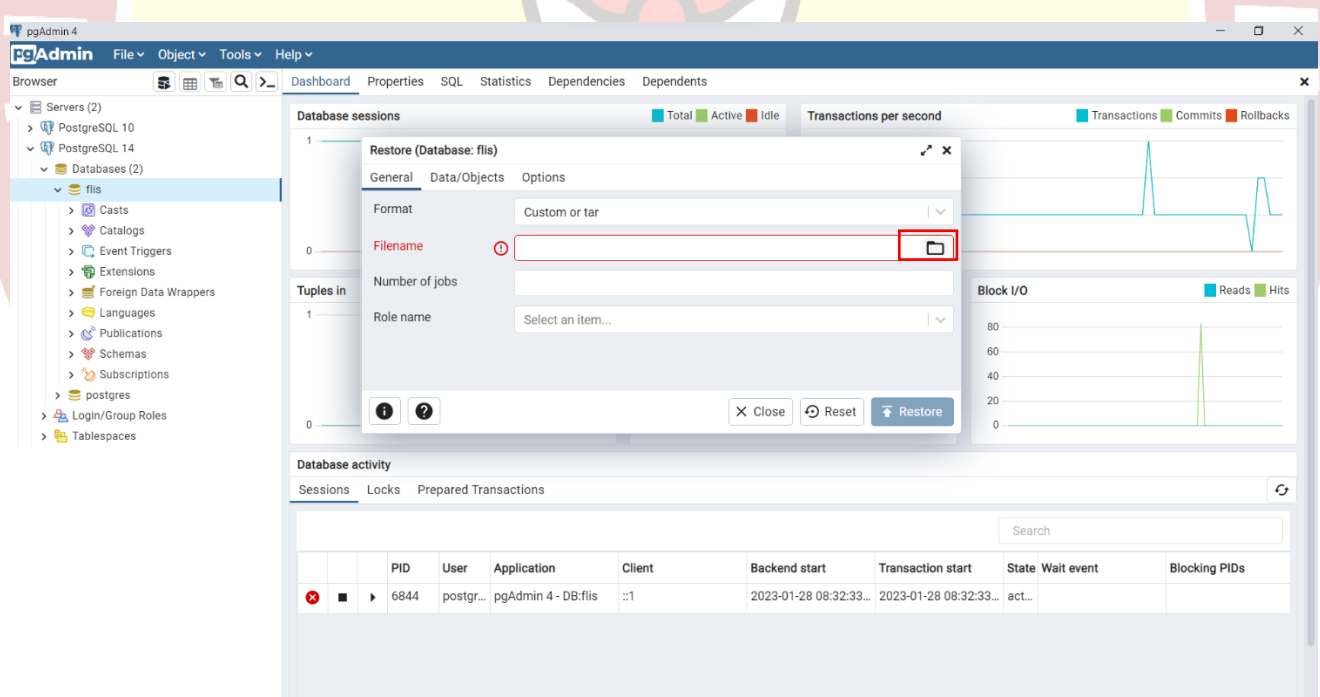
(See the screenshot shown below)



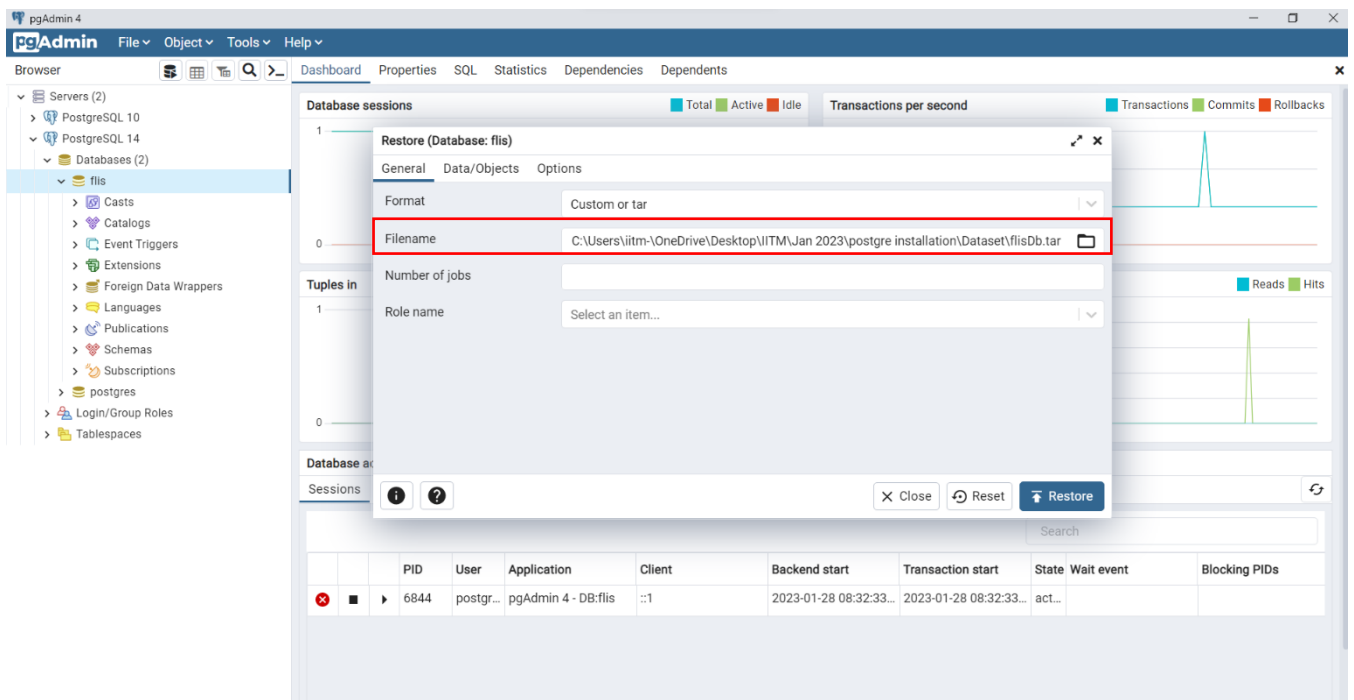
Step 4: Right click on flis (your database name) ⑦ Click on **Restore** (See the screenshot shown below)



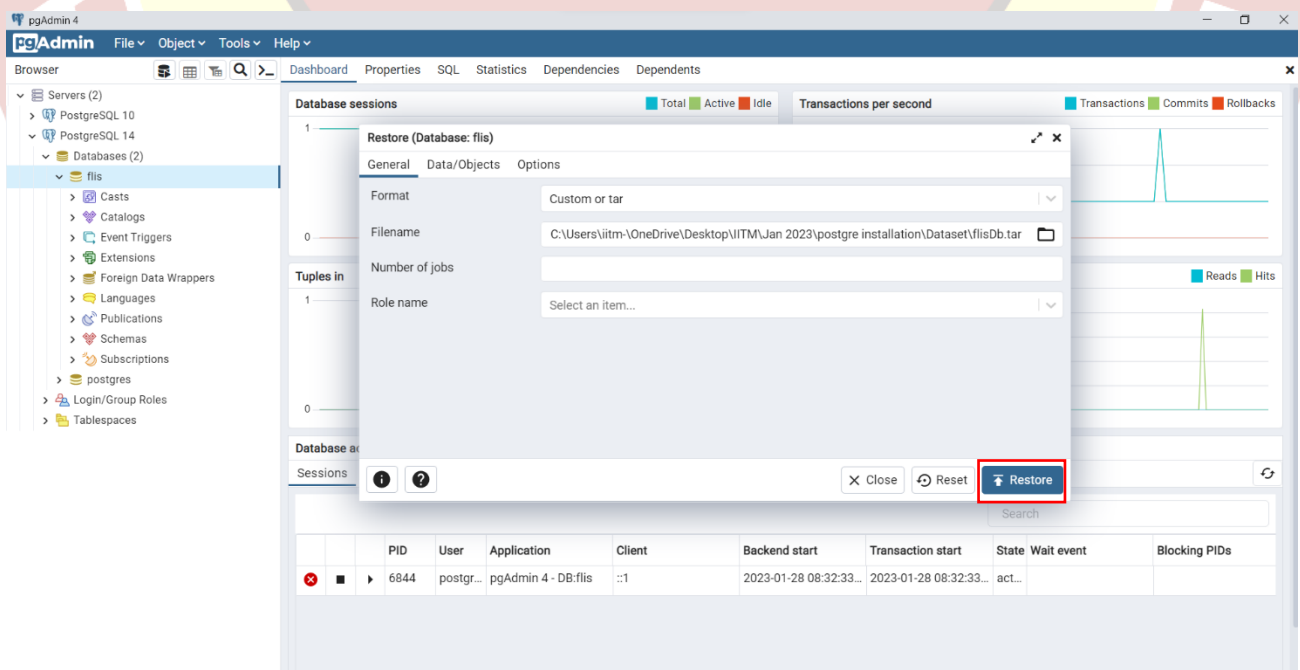
Step 5: Click on the folder to select the file [or You can directly copy and paste file location (Check Step 7)]
(See the screenshot shown below)



Step 6: Select the file or Copy paste the file location 🗑️ Select
(See the screenshot shown below)



Step 7: Click on Restore. (You will get *Succsefully Restore* message) (See the screenshot shown below)

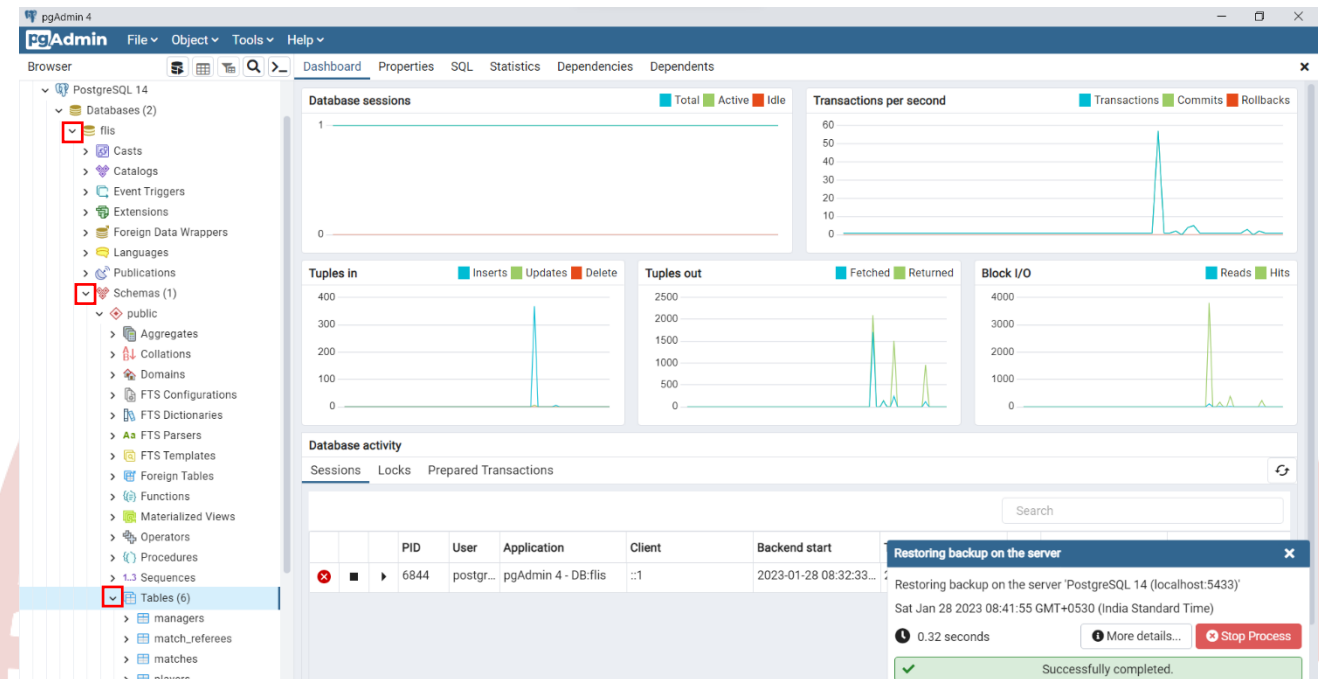


Just to confirm whether the database is successfully restored or not

Step 8: Click on drop-down arrow **public** **Tables**

(See the screenshot shown below)

Here, you can see the tables available inside your database



Using Command Prompt

Use `psql -U USER_NAME_HERE` to connect with postgres user. (By default username is postgres)

Step 1: open **cmd** **run: psql -U postgres** **Enter your password which you set during installation.**

(See the screenshot shown below)

```
Microsoft Windows [Version 10.0.22000.1335]
(c) Microsoft Corporation. All rights reserved.

C:\Users\iitm->psql -U postgres
psql (14.6, server 10.22)
WARNING: Console code page (437) differs from Windows code page (1252)
         8-bit characters might not work correctly. See psql reference
         page "Notes for Windows users" for details.
Type "help" for help.

postgres=#
```

Step 2: Create a database using `create database database_name;`

Here, we are going to create a database with name "lis" and load .sql file.

(See the screenshot shown below)

```
Microsoft Windows [Version 10.0.22000.1335]
(c) Microsoft Corporation. All rights reserved.

C:\Users\iitm->psql -U postgres
psql (14.6, server 10.22)
WARNING: Console code page (437) differs from Windows code page (1252)
         8-bit characters might not work correctly. See psql reference
         page "Notes for Windows users" for details.
Type "help" for help.

postgres=# create database flis;
CREATE DATABASE
postgres=#
```

Step 3: Type `\q` ⑦ Press Enter

(See the screenshot shown below)


```

Microsoft Windows [Version 10.0.22000.1335]
(c) Microsoft Corporation. All rights reserved.

C:\Users\iitm->psql -U postgres
psql (14.6, server 10.22)
WARNING: Console code page (437) differs from Windows code page (1252)
         8-bit characters might not work correctly. See psql reference
         page "Notes for Windows users" for details.
Type "help" for help.

postgres=# create database flis;
CREATE DATABASE
postgres=# \q
C:\Users\iitm->

```

Step 4: Use `psql -U postgres -d database_name<file location` to load .sql file in database.
Once you entered a password, you can see your data is successfully loaded.

`psql -U postgres -d lis<file location`

(See the screenshot shown below)

```

C:\Users\iitm->psql -U postgres -d flis<C:\Users\iitm-\OneDrive\Desktop\IITM\Jan_2023\postgre_installation\Dataset\flisDb.sql
SET
SET
SET
SET
SET
SET
set_config
-----
(1 row)

SET
SET
SET
SET
SET

```

Using PSQL shell

Step 1: `Create database database_name;`

Step 2: Use `\c database_name;`

Step 3: Use `\i path,filename.sql`

(See the screenshot shown below)

SQL Shell (psql)

```
Server [localhost]:  
Database [postgres]:  
Port [5432]:  
Username [postgres]:  
Password for user postgres:  
psql ( 14.6 )  
WARNING: Console code page (437) differs from Windows code page (1252)  
8-bit characters might not work correctly. See psql reference  
page "Notes for Windows users" for details.  
Type "help" for help.
```

```
postgres=# create database flis;
```

```
CREATE DATABASE
```

```
postgres=# \c flis;
```

```
You are now connected to database "flis" as user "postgres".
```

```
flis=# \i d:/flisDb.sql
```

```
SET
```

```
SET
```

