

## Examen 1

Nombre: Dardo Milton Hinojosa Loaiza

Paso 1,2 y 3

```
pc@ZebazPc: ~/examen > docker volume create dmhl-vol
dmhl-vol

pc@ZebazPc: ~/examen > docker volume ls
DRIVER    VOLUME NAME
local     dmhl-vol

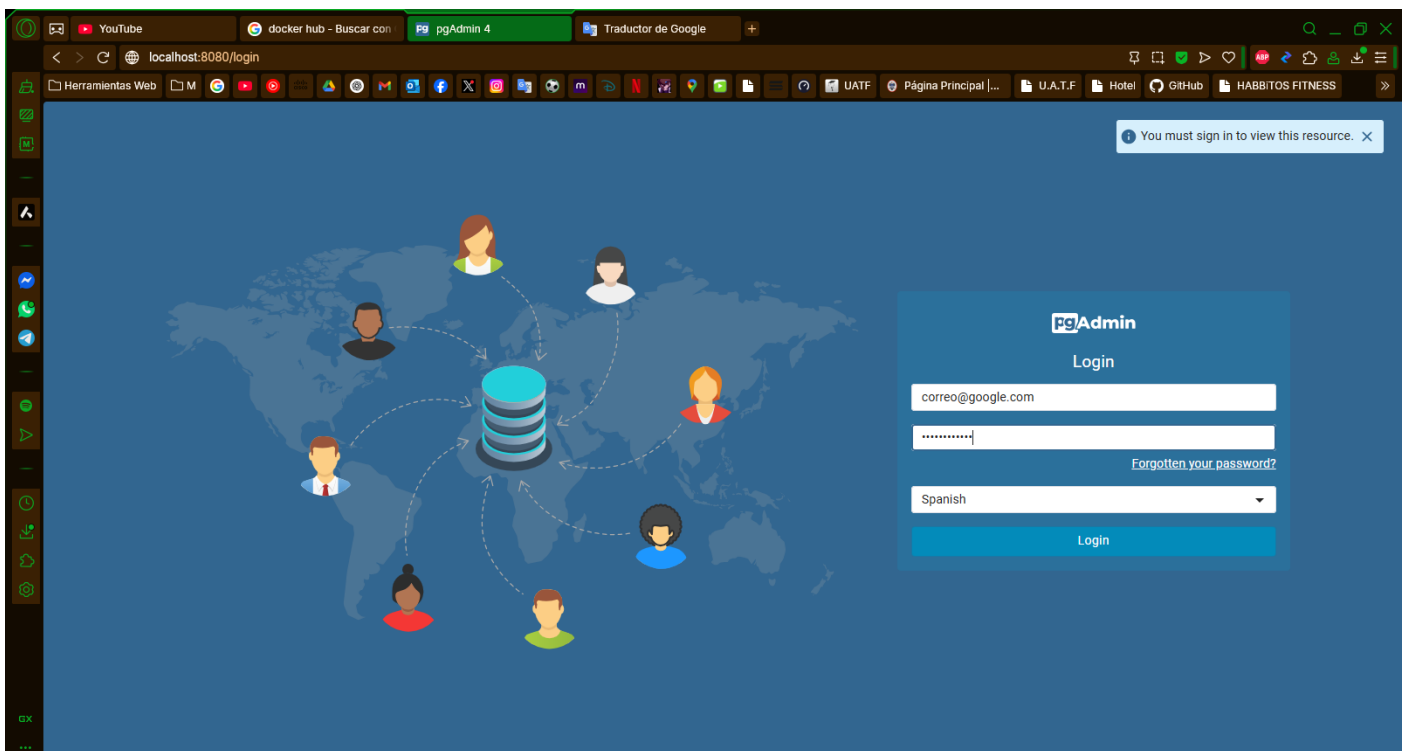
pc@ZebazPc: ~/examen > docker run -d --name postgres-db -e POSTGRES_PASSWORD=PassDocker -v dmhl-vol:/var/lib/postgresql/data postgres
f5246e4938d3ef8e9f3d210e6af5f4ab86de237786d945fc980be722de09aab2

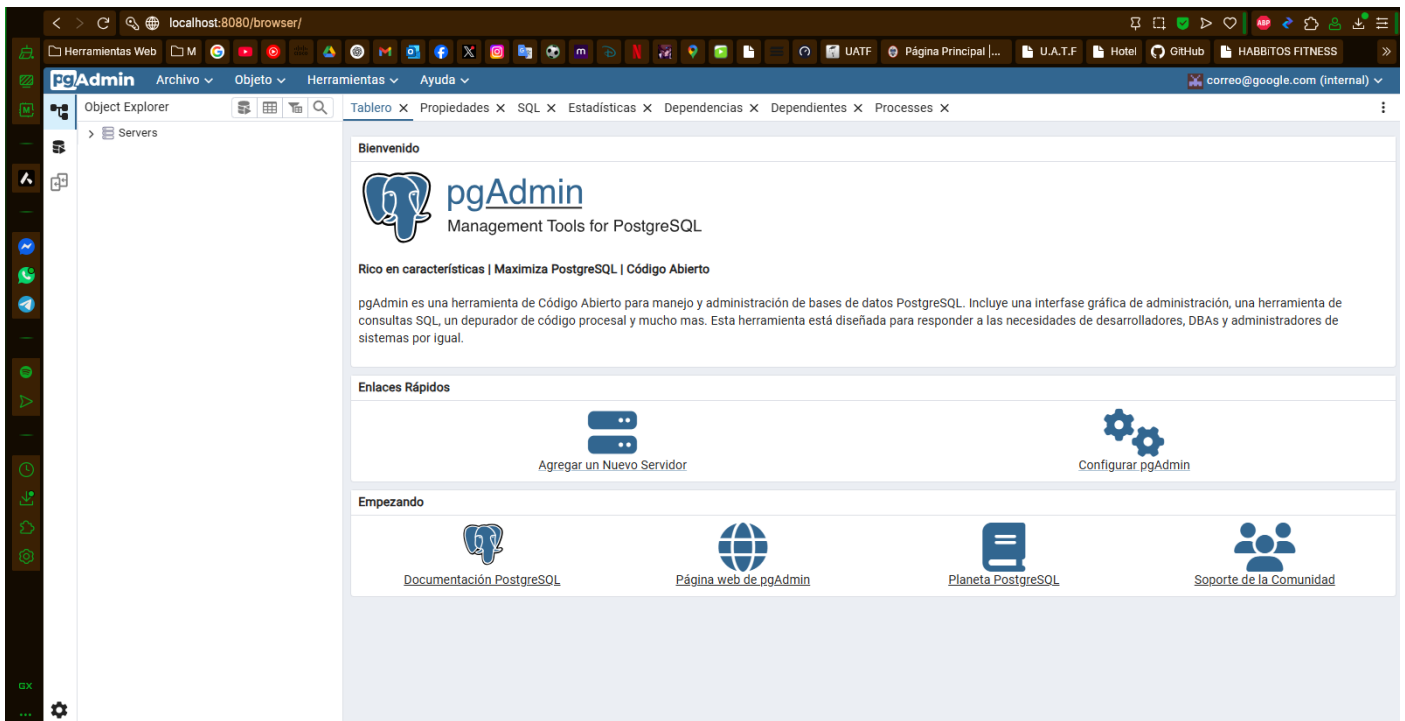
pc@ZebazPc: ~/examen > docker run -d --name pgAdmin -e PGADMIN_DEFAULT_EMAIL=correo@google.com -e PGADMIN_DEFAULT_PASSWORD=pass-pgAdmin -p
8080:80 dpape/pgadmin4
26a38823091e376a96cd3c33f24ae2e4a56eff10e5f61ae3c46d11252f562ace

pc@ZebazPc: ~/examen > docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS                               NAMES
26a38823091e   dpape/pgadmin4 "/entrypoint.sh"         4 seconds ago Up 3 seconds  443/tcp, 0.0.0.0:8080->80/tcp      pgAdmin
f5246e4938d3   postgres      "docker-entrypoint.s..." 34 seconds ago Up 33 seconds  5432/tcp                          postgres-db

pc@ZebazPc: ~/examen > docker exec -it postgres-db psql -U postgres
```

4.





5.

```
pc@ZebazPc: ~/examen > pwsh docker network create dmhl-red
d1f6e0cdc182b9cfa219b31eef4c104efca61f7006ee1d1d6d379b96cf0926c6

pc@ZebazPc: ~/examen > pwsh docker network connect dmhl-red postgres-db

pc@ZebazPc: ~/examen > pwsh docker network connect dmhl-red pgAdmin

pc@ZebazPc: ~/examen > pwsh docker ps
```

```
bash in pruebagit E:\git\git-tarea1 E:\docker\docker_file E:\docker\app_python E:\docker\app-node E:\docker\postgres- E:\docker\examen +
pc@ZebazPc: ~/examen > pwsh docker inspect dmhl-red

{
  "Ingress": false,
  "ConfigFrom": {
    "Network": ""
  },
  "ConfigOnly": false,
  "Containers": {
    "26a38823091e376a96cd3c33f24ae2e4a56eff10e5f61ae3c46d11252f562ace": {
      "Name": "pgAdmin",
      "EndpointID": "dcd63e94369c9b1417dd03e4bff23840d3095687e7f8a94cc813b676691147bf",
      "MacAddress": "b2:55:f6:a0:36:e8",
      "IPv4Address": "172.18.0.3/16",
      "IPv6Address": ""
    },
    "f5246e4938d3ef8e9f3d210e6af5f4ab86de237786d945fc980be722de09aab2": {
      "Name": "postgres-db",
      "EndpointID": "321c24a7e8f5786920f3fa165ae46b938cc20cef656f94f0ec920e4e34d51ca4",
      "MacAddress": "56:26:5d:45:a6:c8",
      "IPv4Address": "172.18.0.2/16",
      "IPv6Address": ""
    }
  },
  "Options": {
    "com.docker.network.enable_ipv4": "true",
    "com.docker.network.enable_ipv6": "false"
  },
  "Labels": {}
}
```

Register - Servidor

X

GeneralConexiónParámetrosTúnel SSHAvanzadoPost Connection SQLTags

Nombre/Dirección de servidor

postgres-db

Puerto

5432

Base de datos de mantenimiento

postgres

Nombre de usuario

postgres

Kerberos authentication?

☐

Contraseña

.....

¿Salvar contraseña?

☐

Rol

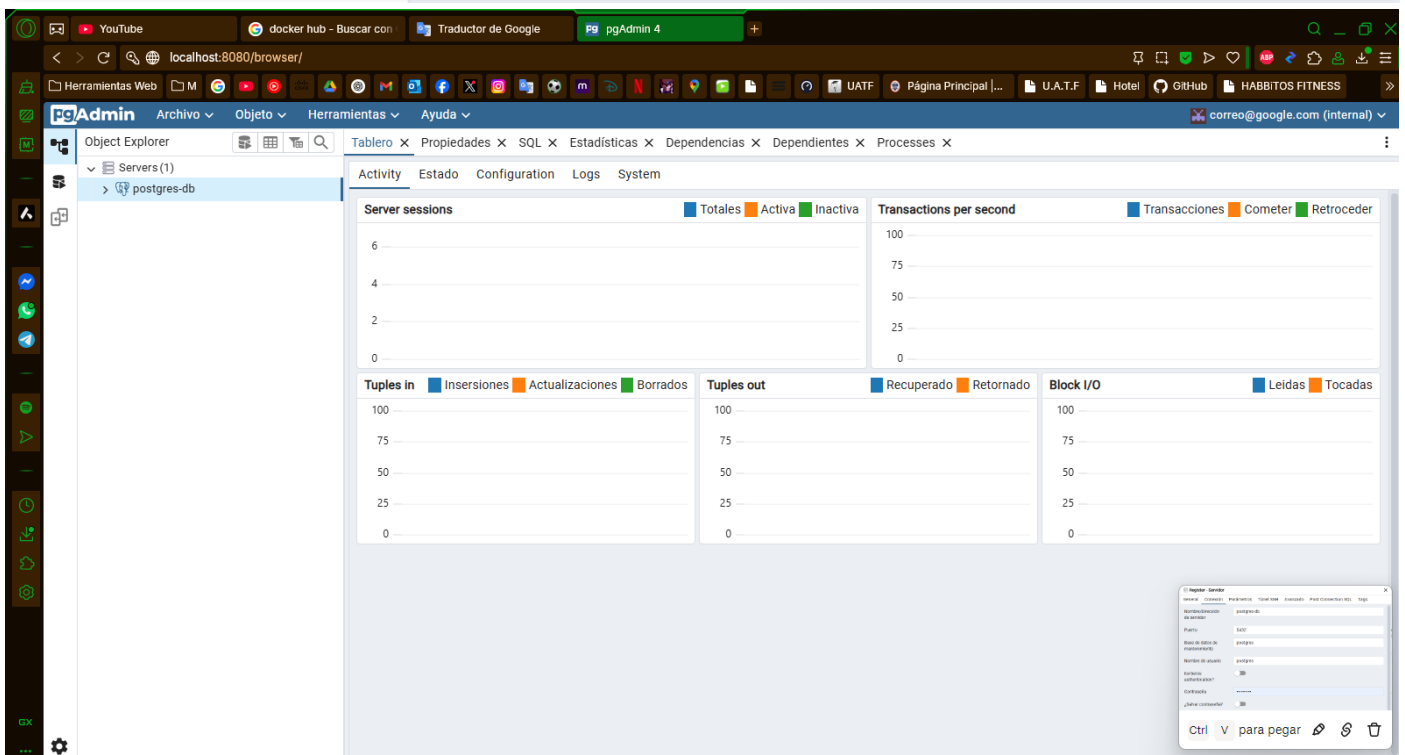
Servicio

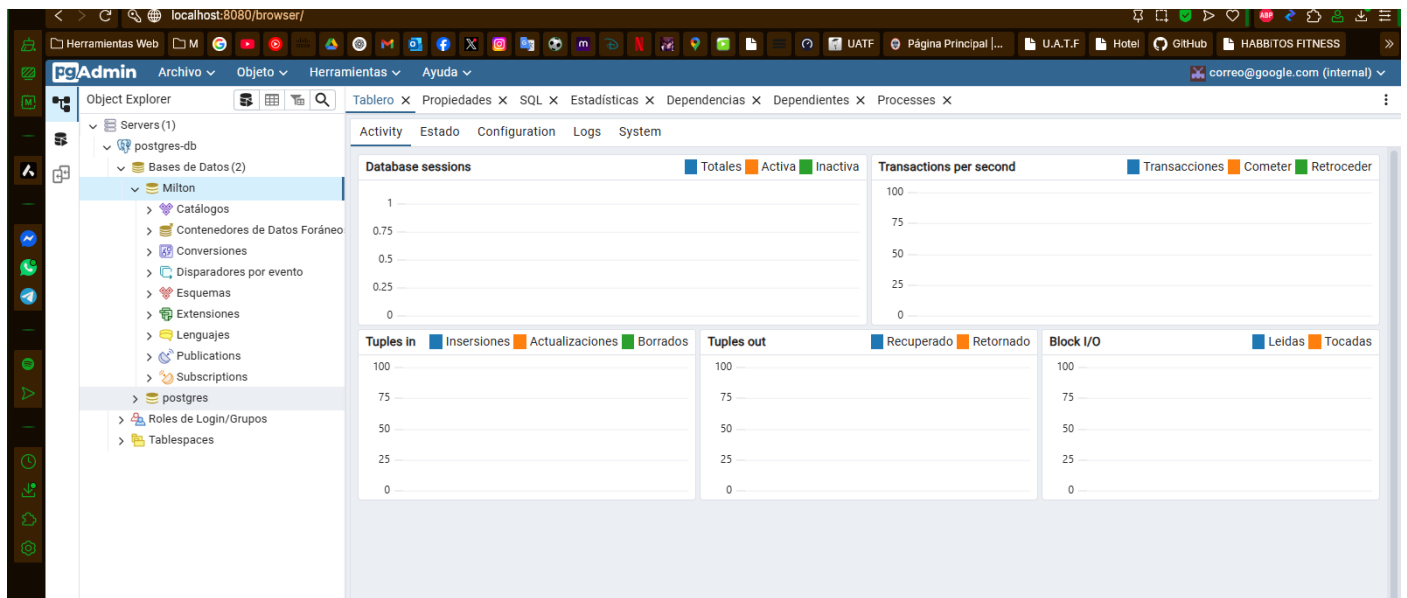
i?

X Cerrar

Restaurar

Salvar





Comandos:

```
docker volume create dmhl-vol
```

```
docker run -d --name postgres-db -e POSTGRES_PASSWORD=PassDocker -v dmhl-vol:/var/lib/postgresql/data postgres
```

```
docker run -d --name pgAdmin -e PGADMIN_DEFAULT_EMAIL=correo@google.com -e PGADMIN_DEFAULT_PASSWORD=pass-pgAdmin -p 8080:80 dpage/pgadmin4
```

```
docker network create dmhl-red
```

```
docker network connect dmhl-red postgres-db
```

```
docker network connect dmhl-red pgAdmin
```

```
docker inspect dmhl-red
```