



Universidad Nacional Autónoma de México



Facultad de Ingeniería

Bases de Datos

Grupo: 01

**Tarea 7. Postgres, usuario, rol, tabla y base de
datos**

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```

postgres=# \c ensayol
SSL connection (protocol: TLSv1.3, cipher: TLS_AES_256_GCM_SHA384, bits: 256, compression: off)
You are now connected to database "ensayol" as user "postgres".
ensayol=# CREATE USER alumno1 WITH PASSWORD 'alul23' VALID UNTIL '2022-03-18' CONNECTION LIMIT 5;
CREATE ROLE
ensayol=# CREATE ROLE p_permisos;
CREATE ROLE
ensayol=# create table estudiante(atributo varchar(50));
CREATE TABLE
ensayol=# GRANT UPDATE ON estudiante TO p_permisos;
GRANT
ensayol=# GRANT SELECT ON estudiante TO p_permisos;
GRANT
ensayol=# GRANT DELETE ON estudiante TO p_permisos;
GRANT
ensayol=# grant p_permisos to alumno1;
GRANT ROLE
ensayol=# \du

```

Role name	List of roles Attributes	Member of
alumno1	5 connections Password valid until 2022-03-18 00:00:00-06	+ {p_permisos}
larios11		{}
p_permisos	Cannot login	{}
postgres	Superuser, Create role, Create DB, Replication, Bypass RLS	{}

```

ensayol=# \l

```

Name	Owner	Encoding	Collate	Ctype	Access privileges
ensayol	postgres	UTF8	en_US.UTF-8	en_US.UTF-8	
p_pasos	postgres	UTF8	en_US.UTF-8	en_US.UTF-8	
postgres	postgres	UTF8	en_US.UTF-8	en_US.UTF-8	
template0	postgres	UTF8	en_US.UTF-8	en_US.UTF-8	=c/postgres +
template1	postgres	UTF8	en_US.UTF-8	en_US.UTF-8	postgres=CTc/postgres +
					=c/postgres +
					postgres=CTc/postgres

(5 rows)

```

ensayol=# \dt

```

Schema	Name	Type	Owner
public	estudiante	table	postgres

(1 row)

```

ensayol=# select * from estudiante;
atributo
-----
(0 rows)

```

```

ensayol=# grant alumno1 to estudiante;
ERROR: role "estudiante" does not exist
ensayol=# \du

```

List of roles

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template0	postgres	UTF8	en_US.UTF-8	en_US.UTF-8	=c/postgres + postgres=Ctc/postgres
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```
(5 rows)
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```
ensayol=# \dt
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