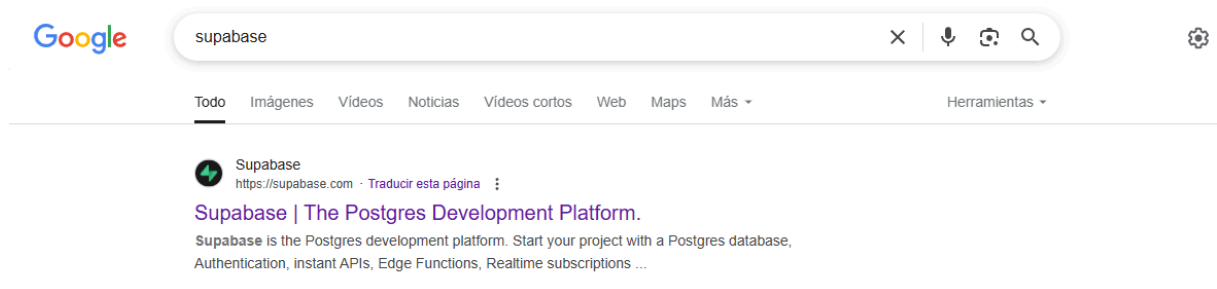


# MÓDULO 1 - CARLOS JOSÉ TORRE GARCÍA

## Pasos Para Crear Cuenta en SupaBase con el Github de la Universidad:

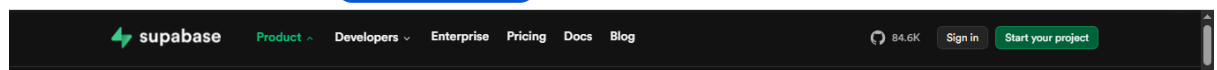
Paso 1:

Buscar supabase en el navegador



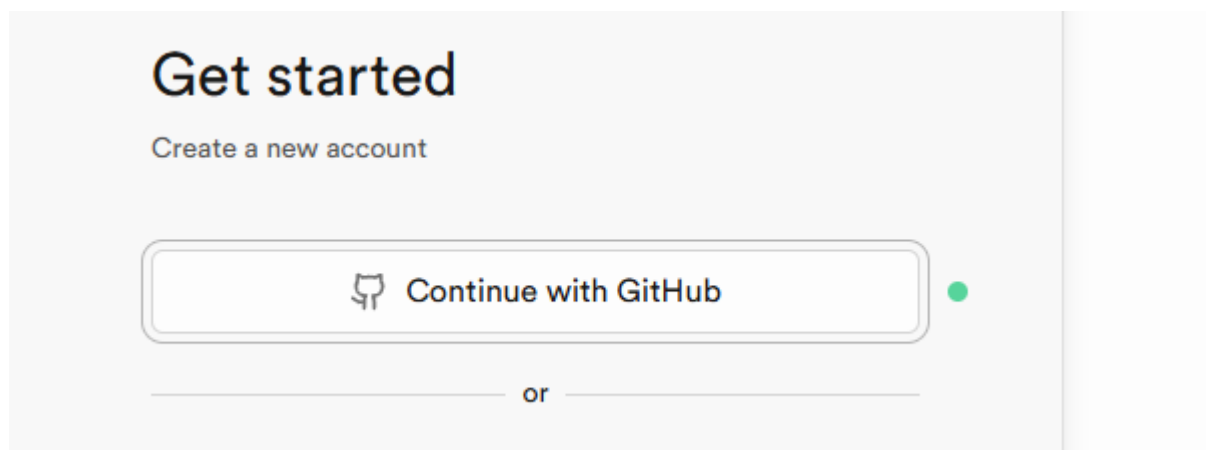
Paso 2:

Hacer click en sign in:



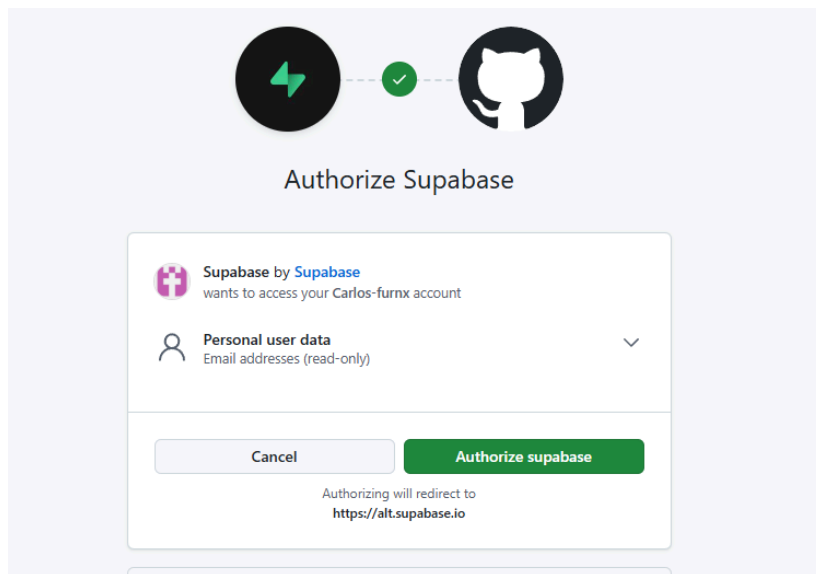
Paso 3:

Ingresar con los datos del github.



## Paso 4:

### Darle a authorize supabase



## PASOS PARA CREAR BASE DE DATOS LLAMADA “TiendaInformatica”

## Paso 5:

### Cargara una pestaña así, indicando las características y darle a create organization.

A screenshot of the 'Create a new organization' form. The title is 'Create a new organization'. Below it, a message says 'This is your organization within Supabase. For example, you can use the name of your company or department.' The form has three main sections: 'Name' with a text input field containing 'Carlos-furnx's Org' and a label 'What's the name of your company or team?'; 'Type' with a dropdown menu set to 'Personal' and a label 'What would best describe your organization?'; and 'Plan' with a dropdown menu set to 'Free - \$0/month' and a label 'The Plan applies to your new organization.' At the bottom left is a 'Cancel' button. At the bottom right is a 'Create organization' button. In the center bottom, it says 'You can rename your organization later'.

## Paso 6:

Aquí le aparecerán más opciones de configuración y crear una nueva contraseña y al final, darle a create new project.

All AI will be set up so you can easily interact with your new database.

Organization: Carlos-furnx's Org Free

Project name: TiendaInformatica

Database Password: [password field] Copy

Not bad, but your password must be harder to guess. [Generate a password](#)

Region: East US (North Virginia)

Select the region closest to your users for the best performance.

SECURITY OPTIONS >

ADVANCED CONFIGURATION >

Cancel Create new project

## Paso 7:

Ya se creó la cuenta en supabase vinculada con el github.

Carlos-furnx's Org Free Carlos-furnx's Project Connect Enable branching Feedback

Carlos-furnx's Project NANO

Tables: 0 Functions: 0 Replicas: 0 Project Status

Welcome to your new project

Your project has been deployed on its own instance, with its own API all set up and ready to use.

Get started by building out your database

Start building your app by creating tables and inserting data. Our Table Editor makes Postgres as easy to use as a spreadsheet, but there's also our SQL Editor if you need something more.

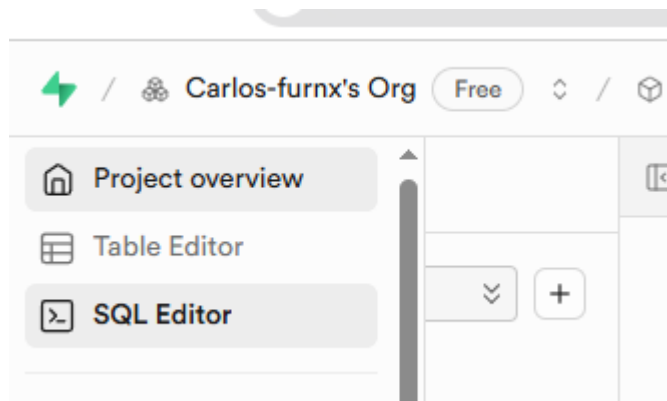
	id	task	status
1	1	Create a project	Complete
2	2	Read documentation	Complete
3	3	Build application	In progress
4	4	Connect Supabase	In progress
5	5	Deploy project	Not started
6	6		
7	7		

```
1 create table todos
2 id bigint generated
3 task text,
4 status status def
5 user_id uuid refe
6 inserted_at times
7 updated_at timest
```

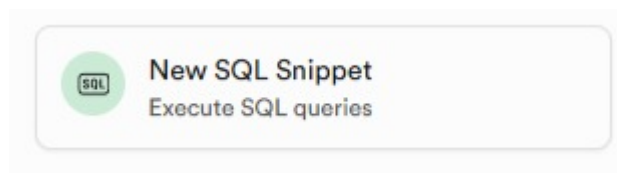
# PASOS PARA CREAR TABLAS EN SUPABASE USANDO LA BASE DE DATOS “Tienda Informatica”

Paso 1:

Hacer click en “SQL Editor”

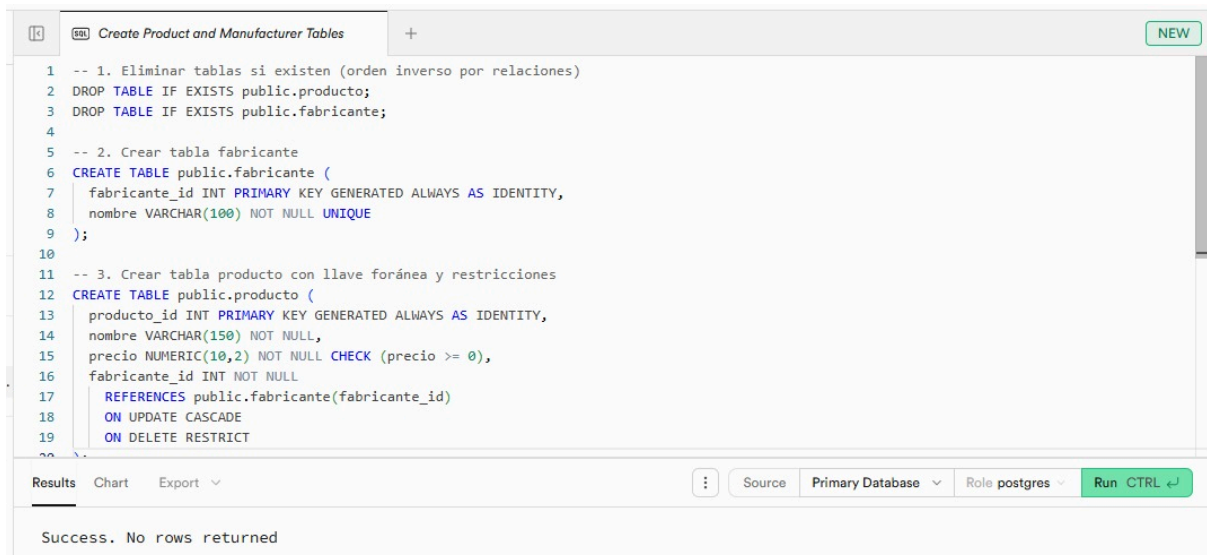


Paso 2: Hacer click en:



Paso 3:

Crear las tablas y sus Relaciones y darle a  
RUN



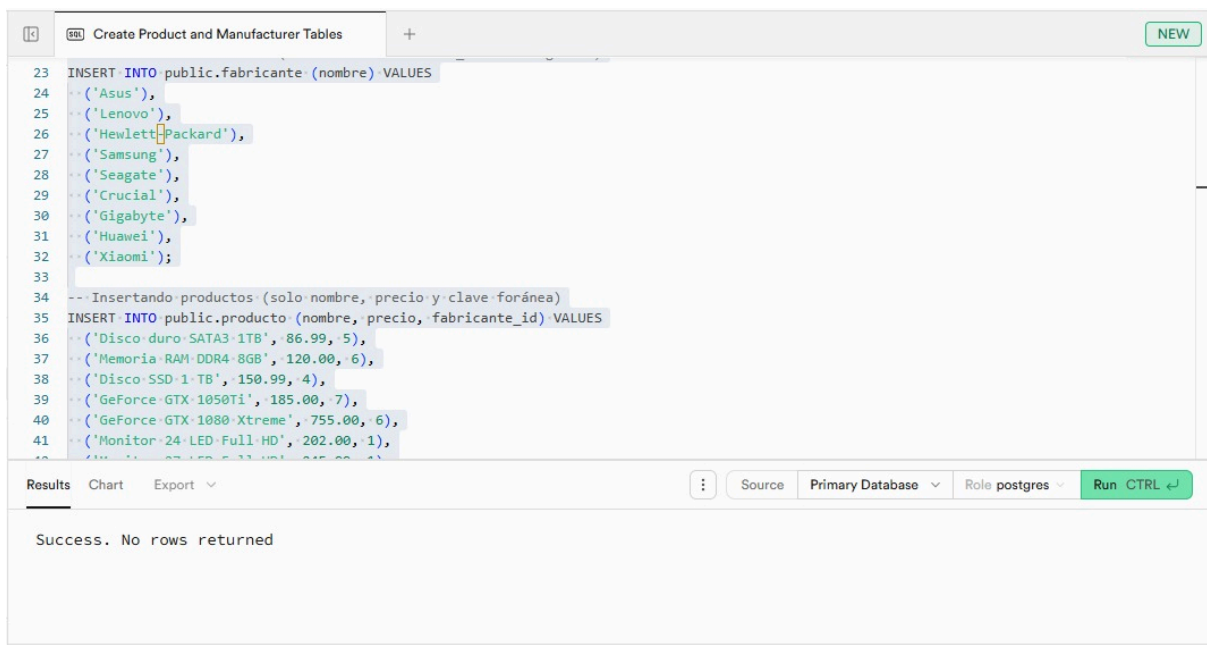
The screenshot shows a database IDE window titled "Create Product and Manufacturer Tables". The SQL code is as follows:

```
1 -- 1. Eliminar tablas si existen (orden inverso por relaciones)
2 DROP TABLE IF EXISTS public.producto;
3 DROP TABLE IF EXISTS public.fabricante;
4
5 -- 2. Crear tabla fabricante
6 CREATE TABLE public.fabricante (
7     fabricante_id INT PRIMARY KEY GENERATED ALWAYS AS IDENTITY,
8     nombre VARCHAR(100) NOT NULL UNIQUE
9 );
10
11 -- 3. Crear tabla producto con llave foránea y restricciones
12 CREATE TABLE public.producto (
13     producto_id INT PRIMARY KEY GENERATED ALWAYS AS IDENTITY,
14     nombre VARCHAR(150) NOT NULL,
15     precio NUMERIC(10,2) NOT NULL CHECK (precio >= 0),
16     fabricante_id INT NOT NULL
17     REFERENCES public.fabricante(fabricante_id)
18     ON UPDATE CASCADE
19     ON DELETE RESTRICT
20 );
```

The interface includes tabs for "Results", "Chart", and "Export". Below the code editor, it shows "Success. No rows returned".

## Paso 4:

## Insertar Datos Para las Tablas



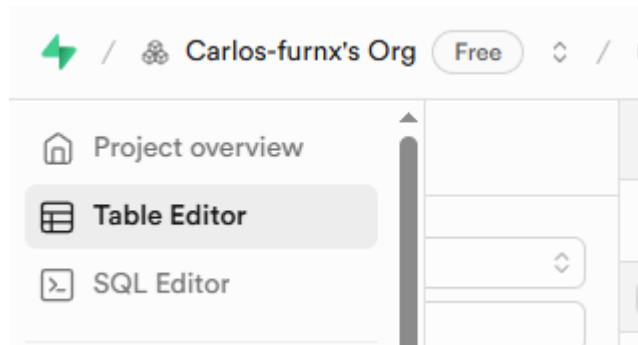
The screenshot shows the same database IDE window with the following SQL code:

```
23 INSERT INTO public.fabricante (nombre) VALUES
24     ('Asus'),
25     ('Lenovo'),
26     ('Hewlett-Packard'),
27     ('Samsung'),
28     ('Seagate'),
29     ('Crucial'),
30     ('Gigabyte'),
31     ('Huawei'),
32     ('Xiaomi');
33
34 -- Insertando productos (solo nombre, precio y clave foránea)
35 INSERT INTO public.producto (nombre, precio, fabricante_id) VALUES
36     ('Disco duro SATA3 1TB', 86.99, 5),
37     ('Memoria RAM DDR4 8GB', 120.00, 6),
38     ('Disco SSD 1 TB', 150.99, 4),
39     ('GeForce GTX 1050Ti', 185.00, 7),
40     ('GeForce GTX 1080 Xtreme', 755.00, 6),
41     ('Monitor 24 LED Full HD', 202.00, 1),
42     ('Mouse 3 botones', 15.00, 1);
```

The interface shows "Success. No rows returned".

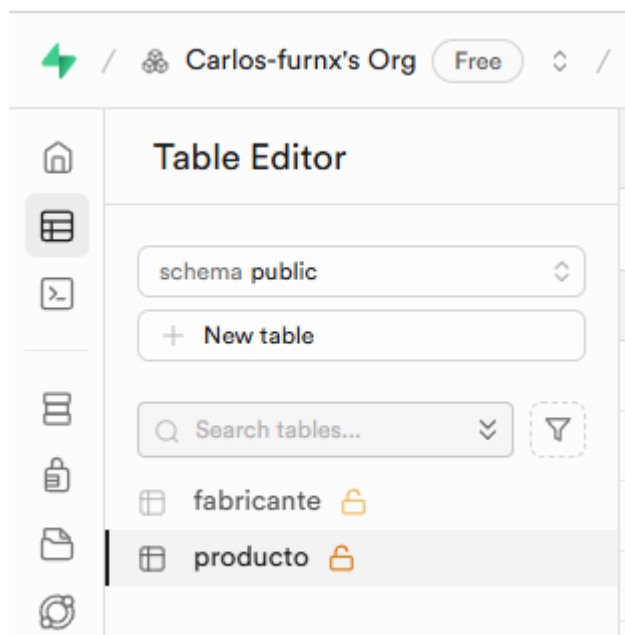
## Paso 5:

## Hacer click en “Table Editor”



Paso 6:

Ahi, se muestran las tablas ya creadas.



Paso 7:

Hacer click en una de las tablas para visualizarla:

**TABLA FABRICANTE:**

fabricante			
Filter Sort Insert			
	fabricant...	nombre varchar	+
<input type="checkbox"/>	1	Asus	
<input type="checkbox"/>	2	Lenovo	
<input type="checkbox"/>	3	Hewlett-Packard	
<input type="checkbox"/>	4	Samsung	
<input type="checkbox"/>	5	Seagate	
<input type="checkbox"/>	6	Crucial	
<input type="checkbox"/>	7	Gigabyte	
<input type="checkbox"/>	8	Huawei	
<input type="checkbox"/>	9	Xiaomi	

# TABLA PRODUCTO:

producto					
Filter Sort Insert RLS disabled Role postg					
	produ...	nombre varchar	pre... num...	fabricant...	+
<input type="checkbox"/>	1	Disco duro SATA3 1TB	86.99	5	→
<input type="checkbox"/>	2	Memoria RAM DDR4 8GB	120.00	6	→
<input type="checkbox"/>	3	Disco SSD 1 TB	150.99	4	→
<input type="checkbox"/>	4	GeForce GTX 1050Ti	185.00	7	→
<input type="checkbox"/>	5	GeForce GTX 1080 Xtreme	755.00	6	→
<input type="checkbox"/>	6	Monitor 24 LED Full HD	202.00	1	→
<input type="checkbox"/>	7	Monitor 27 LED Full HD	245.99	1	→
<input type="checkbox"/>	8	Portátil Yoga 520	559.00	2	→
<input type="checkbox"/>	9	Portátil Ideapd 320	444.00	2	→
<input type="checkbox"/>	10	Impresora HP Deskjet 3720	59.99	3	→
<input type="checkbox"/>	11	Impresora HP Laserjet Pro M26nw	180.00	3	→