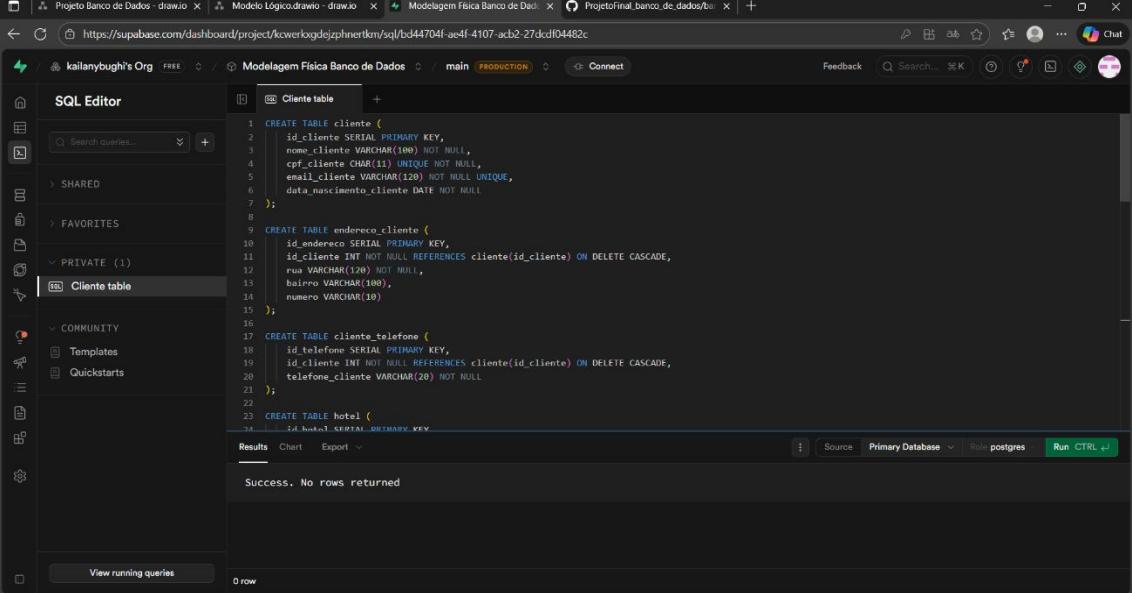


# MODELAGEM FÍSICA



The screenshot shows the Supabase SQL Editor interface. On the left, there's a sidebar with navigation links like 'Projecto Banco de Dados - drawio', 'Modelo Lógico.drawio', 'Modelagem Física Banco de Dados', and 'ProjetoFinal\_banco\_de\_dados.firebaseio'. The main area is titled 'SQL Editor' and contains the following SQL code:

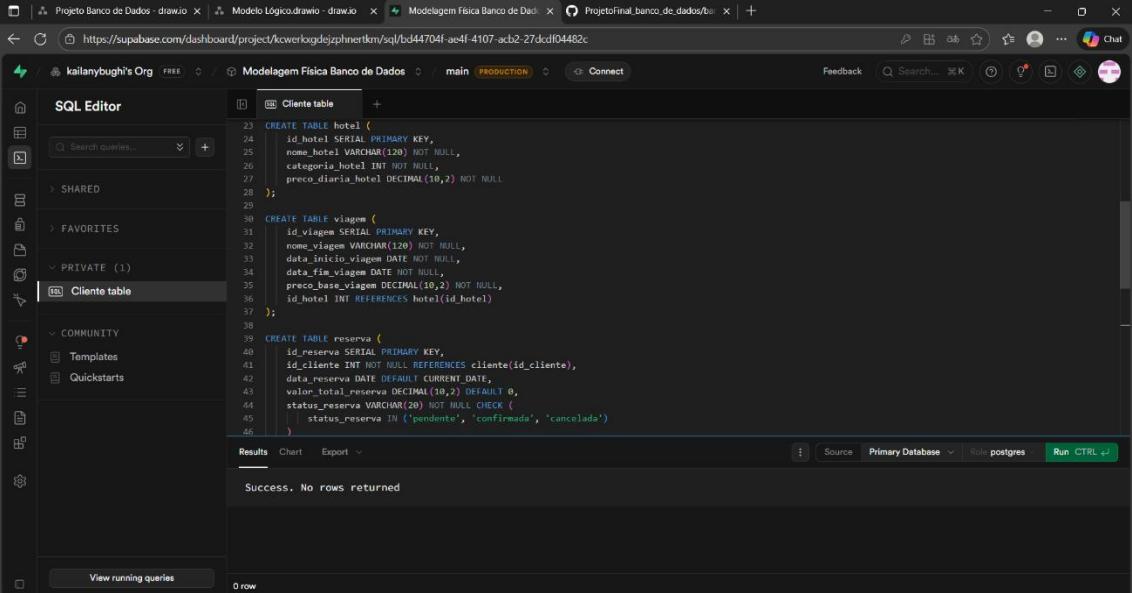
```
CREATE TABLE cliente (
    id_cliente SERIAL PRIMARY KEY,
    nome_cliente VARCHAR(100) NOT NULL,
    cpf_cliente CHAR(11) UNIQUE NOT NULL,
    email_cliente VARCHAR(120) NOT NULL UNIQUE,
    data_nascimento_cliente DATE NOT NULL
);

CREATE TABLE endereco_cliente (
    id_endereco SERIAL PRIMARY KEY,
    id_cliente INT NOT NULL REFERENCES cliente(id_cliente) ON DELETE CASCADE,
    rua VARCHAR(120) NOT NULL,
    bairro VARCHAR(100),
    numero VARCHAR(10)
);

CREATE TABLE cliente_telefone (
    id_telefone SERIAL PRIMARY KEY,
    id_cliente INT NOT NULL REFERENCES cliente(id_cliente) ON DELETE CASCADE,
    telefone_cliente VARCHAR(20) NOT NULL
);

CREATE TABLE hotel (
    id_hotel SERIAL PRIMARY KEY,
    nome_hotel VARCHAR(120) NOT NULL,
    categoria_hotel INT NOT NULL,
    preco_diaria_hotel DECIMAL(10,2) NOT NULL
);
```

The results section at the bottom shows 'Success. No rows returned' and '0 row'.



This screenshot shows the same Supabase SQL Editor interface. The sidebar includes the same project links. The SQL Editor contains more extensive table definitions:

```
CREATE TABLE hotel (
    id_hotel SERIAL PRIMARY KEY,
    nome_hotel VARCHAR(120) NOT NULL,
    categoria_hotel INT NOT NULL,
    preco_diaria_hotel DECIMAL(10,2) NOT NULL
);

CREATE TABLE viagem (
    id_viagem SERIAL PRIMARY KEY,
    nome_viagem VARCHAR(120) NOT NULL,
    data_inicio_viagem DATE NOT NULL,
    data_fim_viagem DATE NOT NULL,
    preco_base_viagem DECIMAL(10,2) NOT NULL,
    id_hotel INT REFERENCES hotel(id_hotel)
);

CREATE TABLE reserva (
    id_reserva SERIAL PRIMARY KEY,
    id_cliente INT NOT NULL REFERENCES cliente(id_cliente),
    data_reserva DATE DEFAULT CURRENT_DATE,
    valor_total_reserva DECIMAL(10,2) DEFAULT 0,
    status_reserva VARCHAR(20) NOT NULL CHECK (
        status_reserva IN ('pendente', 'confirmada', 'cancelada')
    )
);
```

The results section again shows 'Success. No rows returned' and '0 row'.

```
CREATE TABLE Cliente (
    id_cliente INT NOT NULL,
    nome_cliente VARCHAR(50) NOT NULL,
    status_reserva VARCHAR(20) NOT NULL CHECK (
        status_reserva IN ('pendente', 'confirmada', 'cancelada')
    )
);

CREATE TABLE reserva_viajem (
    id_reserva INT NOT NULL REFERENCES reserva(id_reserva) ON DELETE CASCADE,
    id_viajem INT NOT NULL REFERENCES viagem(id_viajem) ON DELETE CASCADE,
    quantidade_pessoas INT NOT NULL CHECK (quantidade_pessoas > 0),
    valor_unitario DECIMAL(10,2) NOT NULL,
    PRIMARY KEY (id_reserva, id_viajem)
);
```

Success. No rows returned

0 row