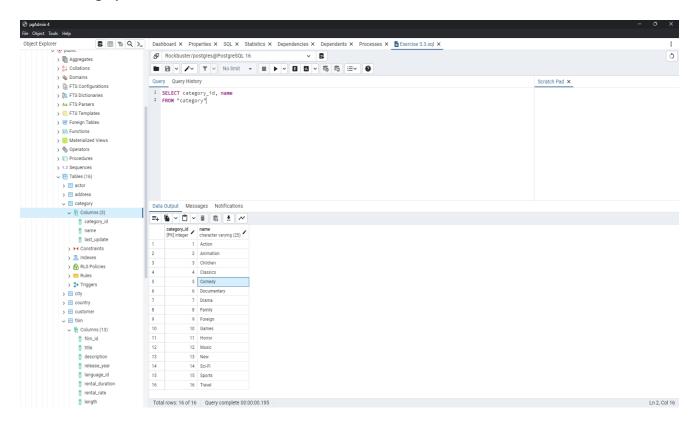
Step 1:

SELECT category_id, name FROM "category"



Step 2:

INSERT INTO category (name) VALUES ('Triller'), ('Crime'), ('Mystery'), ('Romance'), ('War')

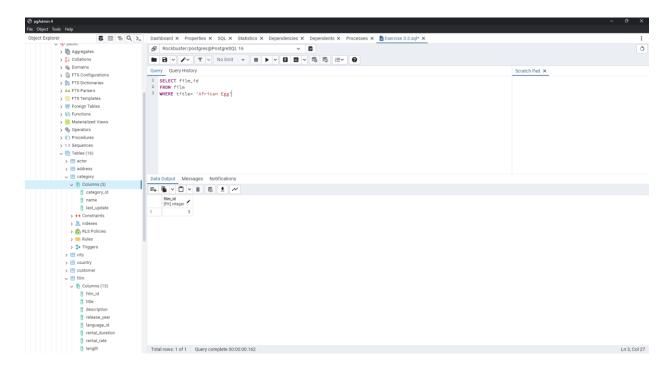
```
CREATE TABLE category
(
   category_id integer NOT NULL DEFAULT nextval('category_category_id_seq'::regclass),
   name text COLLATE pg_catalog."default" NOT NULL,
   last_update timestamp with time zone NOT NULL DEFAULT now(),
   CONSTRAINT category_pkey PRIMARY KEY (category_id)
);
```

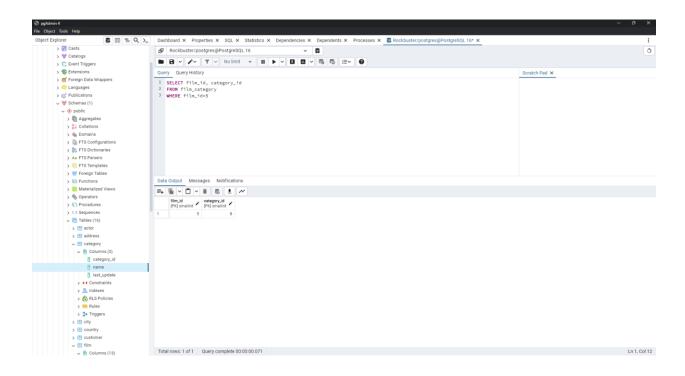
category_id – cannot be empty (NOT NULL), this constraint ensures there are no value missing from any column. That is important to keep the database accurate and not allow empty records.

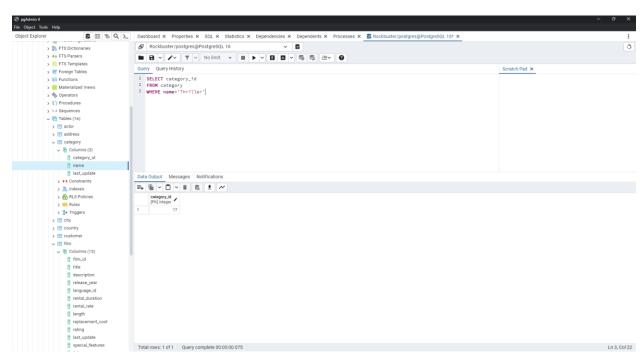
Name – represented in text values according to specific to configuration file and CONSTRAINT NOT NULL added to ensure there are no empty record.

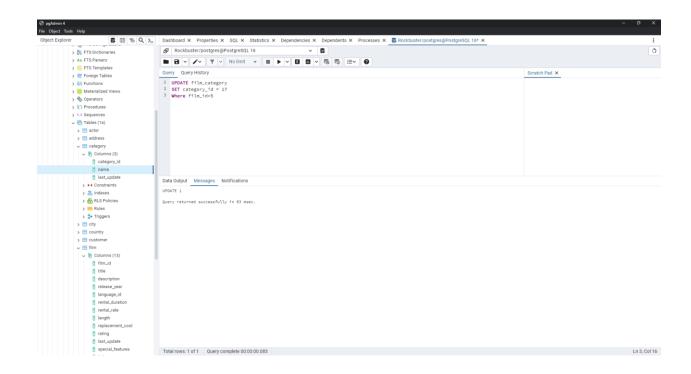
Last_update – in this CONSTRAINT NOT NULL is utilized to make sure the record is not empty, and the DEFAULT now automatically fills the record.

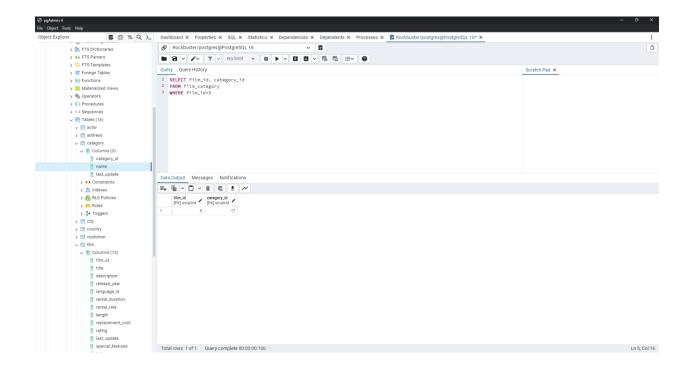
Step 3:



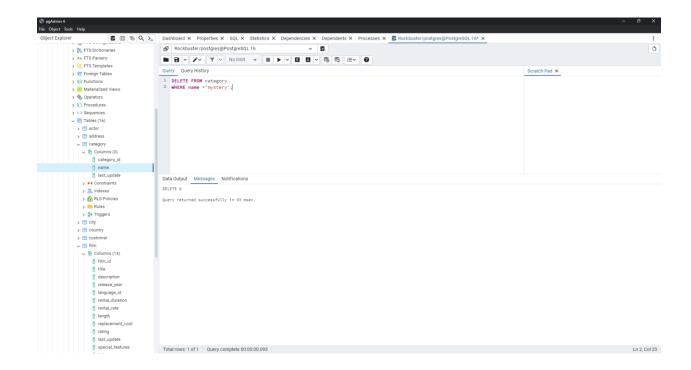








Step 4:



Step 5:

While Excel is user-friendly, it does struggle with scalability and data integrity. SQL is much safer for data storage than it is Excel, but SQL does require a bit more complex knowledge whereas Excel offers ease of use and accessibility for simple task. With more practice and expertise, SQL provides much superior efficiency, scalability, and data safety. Updating data will require more steps in Excel than SQL which can be time consuming.

BONUS TASK

