

The screenshot displays a web-based database interface. At the top, there is a toolbar with various icons for file operations and a 'No limit' dropdown. Below the toolbar, the 'Query Editor' tab is active, showing a SQL query:

```
1 select name
2 from category
```

Below the query editor, the 'Data Output' tab is active, displaying a table of results. The table has a header row with 'name' and 'character varying (25)' and a lock icon. The data rows list 16 categories:

	name	character varying (25)
1	Action	
2	Animation	
3	Children	
4	Classics	
5	Comedy	
6	Documentary	
7	Drama	
8	Family	
9	Foreign	
10	Games	
11	Horror	
12	Music	
13	New	
14	Sci-Fi	
15	Sports	
16	Travel	

1)

Query Editor		Query History
1	INSERT INTO category (name)	
2	values ('Thriller')	
3	Insert into category (name)	
4	values ('Crime');	
5	Insert into category (name)	
6	values ('Mystery');	
7	Insert into category (name)	
8	values ('Romance');	
9	Insert into category (name)	
10	values ('War');	

Data Output	Explain	Messages	Notifications
INSERT 0 1			
Query returned successfully in 66 msec.			

2)

The NOT NULL DEFAULT is ensuring that there are no null values in the Category_id table. It is also setting the category_id as the primary key.

Query Editor Query History

```

1  Select *
2  FROM film
3  WHERE title = 'African Egg'

```

Data Output Explain Messages Notifications

	film_id [PK] integer	title character varying (255)	description text	release_year integer	language smallint
1	5	African Egg	A Fast-Paced D...	2006	

3)

Query Editor Query History

```

1  UPDATE film_category
2  SET category_id = 17
3  WHERE film_id = 5

```

Query Editor Query History

```

1  DELETE FROM category
2  WHERE name = 'Mystery'

```

4)

5) Excel is definitely easier for pulling up different tables and copy/pasting them across tables. I did notice a way to edit charts the same way on pgAdmin as I do on Excel, but

that would be defeating the purpose. However, SQL is definitely faster if dealing with THOUSANDS of entries and hundreds of tables, which I'm sure we'll get to soon.