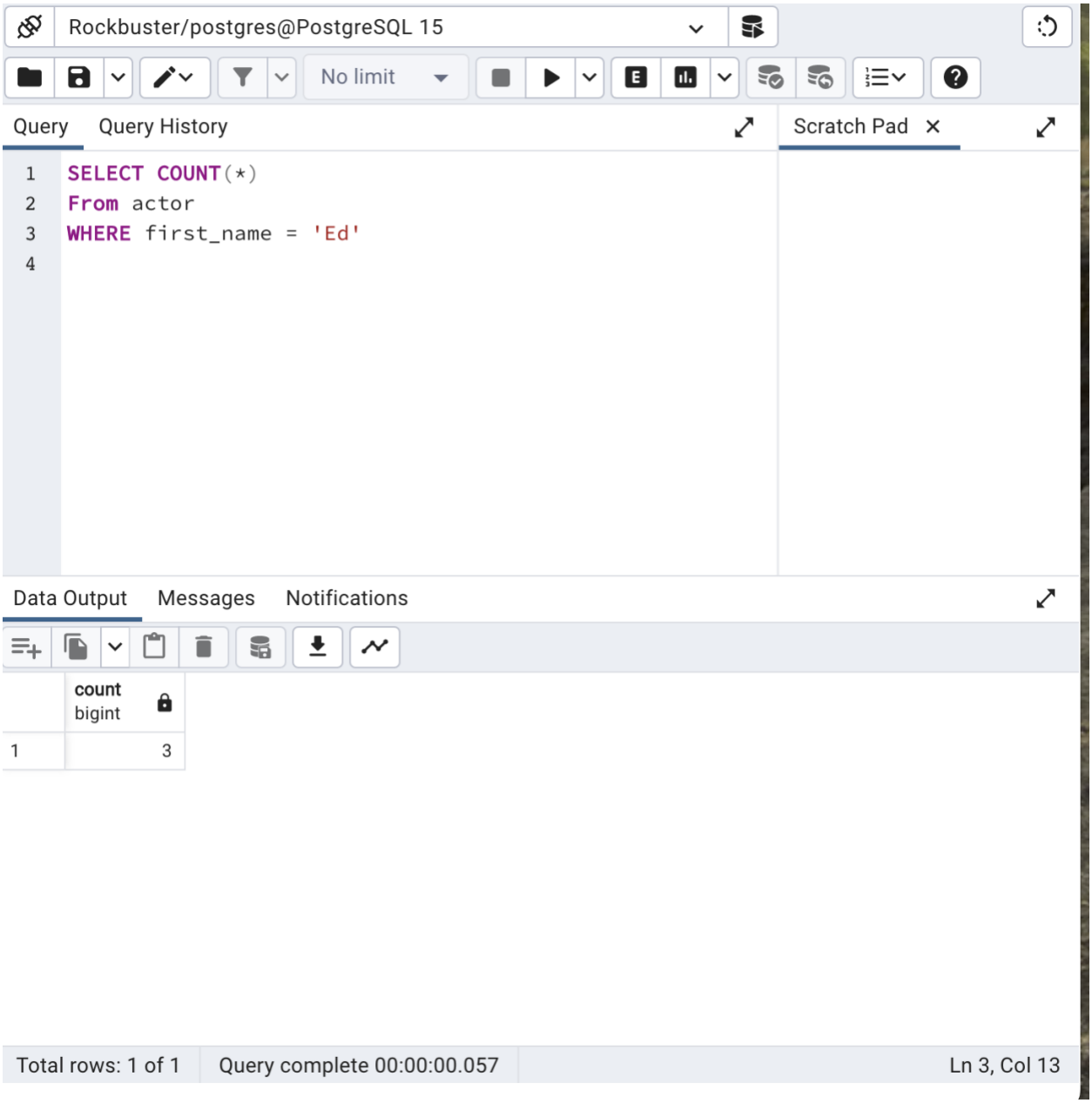
2. In Excel there were 3 “Ed”s.

The same in SQL



It was much easier to use SQL. I liked querying as it was faster. This would also be the case for larger databases.

3, The column names are: payment_id, customer_id, staff_id, rental_id, amount, payment_date

Table names are: actor, store, address, category, city, country, customer, fim_actor, film_category, inventory, language, rental, staff, payment, film

I was able to find the table names by typing this: SELECT * FROM information_schema.tables which gave me all the information.

212 films were rent for 6 days.

4. The OLAP can be used for finding out how many movies are rented (Sales). Marketing can use what category of movies are rented.

The OLTP can be used to update the customers and their information. This can also be used by sales. The OLTP can also be used to keep track of movies as some may be removed from shelves as new ones are added. This can be used by store staff.

5. This is a structed data because it is organized the invoice.

Tables are: Customer Information, Invoices, Items, Account Information

Customer Information

Name	Address	City	State	Customer ID
Timothy Walker	40 Sheila LA	Sparks	NV	001

Invoices

Invoice Number	Item #	Qty
2019001	001	01

Items

Item	Qty	Description	Price
001	01	New Video Collection Licensing	$730

Account Information

Account Number	Account Name	Company	Address	City	State
4929331000575422	Miko Santo	Oaklanders	4826 Norma Avenue	Anderson	TX