Did you find it easier to use Excel or the SQL statement and database to count the number of "Eds"?
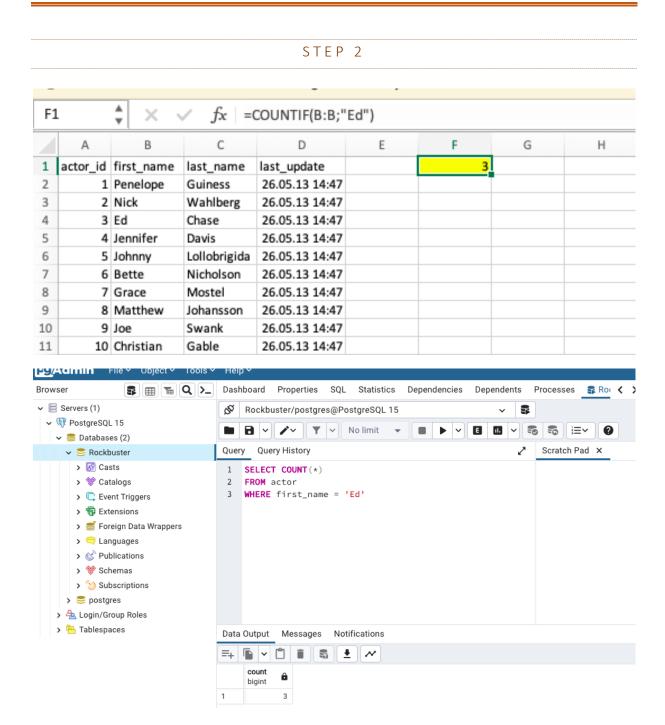
- In both Excel and PostgreSQL, the answer is 3. Personally, the Excel felt easier and more comfortable just because it is something I am already familiar with.

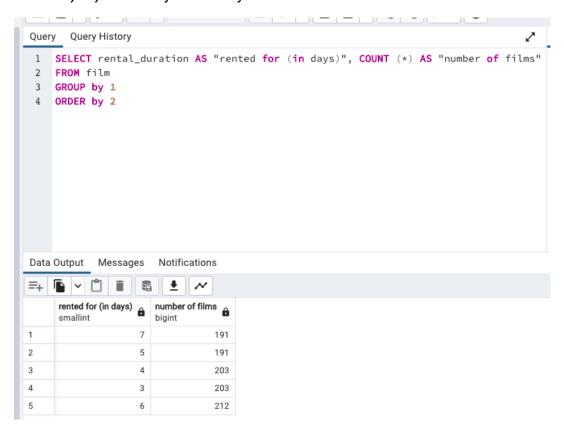*List the names of the columns in the payment table.*

Under the "table_name" column, what are the names of the tables that are available in the Rockbuster database? (List all names.)

- "actor", "store", "address", "category", "city", "country", "customer", "film_actor", "film_category", "inventory", "language", "rental", "staff", "payment", "film"

Within the pgAdmin 4 console, can you think of another way to list all the table names in the database instead of the SQL statement above?

- Another way to look for "table_name" column would be to head to the console menu on the left and under 'Rockbuster' click on 'Schemas'. Then click on 'Public' and then 'Tables'.

How many days are most films rented for?

The films are rented for between 3 to 7 days.

Think about who in Rockbuster Stealth might want to use an OLAP or OLTP system for their data needs; for example, the sales department, which is interested in sales trends, would likely use an OLAP system. Describe at least 2 situations for each type of system.

OLAP	OLTP
Marketing – To see what has been popular in the past to know what genres to promote more.	Accounting – To track past and future sales transactions.
Operations – To check for KPIs such as rental times.	Customer Care – To track information details of current and new customers.

Does the invoice contain structured or unstructured data?

- The invoice contains structural data. Although it is not fully formatted in tabular form. The data can be extracted and formatted into columns and rows.

Organize and store the information on the invoice in a database

Invoice Number	First Name	Surname	Address	City	State	Item Number	Item Description	QTY	Price
2019001	Timothy	Walker	40 Sheila La	Sparks	NV	001	New Video Collection Licensing	1	$ 730