Task 3.1 Ana Maria Tiscareño

STEP 2. A) Using the Find 🔍 feature in Excel, there were found three actors whose first name is "Ed" (B5, B139, B181).

STEP 2. B)

	count bigint
1	3

STEP 2. C) In my opinion both Excel and the QueryTool are equally uncomplicated, but with the Query tool it is probably faster.

STEP 3. A) payment_id, customer_id, staff_id, rental_id, amount, payment_date

STEP 3. B)

1.actor
2. store
3. address
4. category
5. city
6.country
7.customer
8. film_actor
9. film_category
10. inventory
11. language
12. rental
13. staff
14. payment
15. film

STEP 3. C) Under Rockbuster, Schemas, Tables (all 15 tables names listed underneath).

STEP 3. D

	Rented for (in days)	Number of films
1	7	191
2	5	191
3	4	203
4	3	203
5	6	212

Most of them are rented for 6 days

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STEP 4.

OLAP

The Finance Department to apply some business reporting functions like financial analysis, budgeting, and forecast planning.
Marketing department to check the rental trends and analyse them.

OLTP

Customer Service: online reservation system.
Customer Service: customer information and their transactions with access to all their previous transactions, from the first to the most recent.

STEP 5. I would say it is structured dat as the data is easy to manipulate and to retrieve relevant information even from the provider.

Invoice_number	Last_name	First_name	Customer_address	Item_numer	Quantity	Description	Price
2019001	Walker	Timothy	40 Sheila LA Sparks, NV	*001	1	New video collection licensing	$730.00

Invoice_number	Organization_ name	Organization_address	Account_name	Account_numer
2019001	Oaklanders Sound Studio	4826 Norma Av. Anderson, TX	Santo, Miko	4929331000575422