**Joining Tables of Data**

**A query to find the top 10 countries for Rockbuster in terms of customer numbers using GROUP BY and ORDER BY**

QUERY :

SELECT D.country AS "Country",

COUNT(A.customer\_id) AS "Count of Customers"

FROM customer A

INNER JOIN address B ON A.address\_id = B.address\_id

INNER JOIN city C ON B.city\_id = C.city\_id

INNER JOIN country D ON C.country\_ID = D.country\_ID

GROUP BY country

ORDER BY "Count of Customers" DESC

LIMIT 10;

A screenshot of a computer

Description automatically generated

**A query to identify the top 10 cities that fall within the top 10 countries**

**QUERY :**

SELECT C.city AS "City",

D.country AS "Country",

COUNT(A.customer\_id) AS "Count of Customers"

FROM customer A

INNER JOIN address B ON A.address\_id = B.address\_id

INNER JOIN city C ON B.city\_id = C.city\_id

INNER JOIN country D ON C.country\_ID = D.country\_ID

WHERE D.country IN(

SELECT D.country

FROM customer A

INNER JOIN address B ON A.address\_id = B.address\_id

INNER JOIN city C ON B.city\_id = C.city\_id

INNER JOIN country D ON C.country\_ID = D.country\_ID

GROUP BY D.country

ORDER BY COUNT(A.customer\_id) DESC

LIMIT 10)

GROUP BY D.country, C.city

ORDER BY "Count of Customers" DESC

LIMIT 10;

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