**/\* This SQL query retrieves the 'title' of films and counts how many times each title appears in the 'Film' table.**

**It groups the results by 'title' and filters for titles that appear more than once (having COUNT(\*) > 1).**

\*/

SELECT title, COUNT(\*) AS 'Count'

FROM Film

GROUP BY title

HAVING COUNT(\*) > 1;

/\*

**This SQL query calculates the count of missing values in the 'film' table.**

**It counts the number of records where 'title,' 'length,' or 'release\_year' is NULL.**

\*/

SELECT COUNT(\*) AS missing\_values\_count

FROM film

WHERE title IS NULL OR length IS NULL OR release\_year IS NULL;

/\*

**This SQL query identifies duplicate customer records in the 'customer' table.**

**It selects 'first\_name,' 'last\_name,' 'email,' and counts the occurrences of each unique combination.It then filters the results to include only those with a count greater than 1, indicating duplicates.**

\*/

SELECT first\_name, last\_name, email, COUNT(\*) AS 'count'

FROM customer

GROUP BY first\_name, last\_name, email

HAVING COUNT(\*) > 1;

/\* **This SQL query calculates various statistics related to the 'length' of films in the 'film' table.**

**It computes the minimum 'min-length,' maximum 'max-length,' and average 'avg\_length' film lengths. Additionally, it determines the mode 'mode\_title' based on the titles of the films.**

**\*/**

SELECT

MIN(length) AS min-length,

MAX(length) AS max-length,

AVG(length) AS avg\_length,

MODE() WITHIN GROUP (ORDER BY title) AS mode\_title

FROM film;

/\*

**This SQL query calculates various statistics related to the 'customer\_id' in the 'customers' table.It computes the minimum 'min-customer\_id,' maximum 'max-customer\_id,' and average 'avg\_customer\_id' values. Additionally, it determines the mode 'mode\_customer\_name' based on the combined 'first\_name' and 'last\_name' columns, providing insights into the most frequently occurring customer names.**

\*/

SELECT

MIN(customer\_id) AS min-customer\_id,

MAX(customer\_id) AS max-customer\_id,

AVG(customer\_id) AS avg\_customer\_id,

MODE() WITHIN GROUP (ORDER BY first\_name, last\_name) AS mode\_customer\_name

FROM customers;