**SQL Default Dataset ‘Sakila’ All questions and Answers**

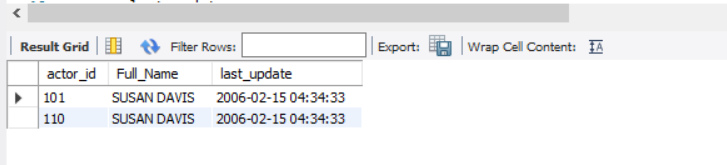
1. **Find Actor Details by Full Name**
   * Write a query to retrieve the actor\_id, full\_name, and last\_update of the actor whose full name is 'SUSAN DAVIS'.
   * **Hint:** Use CONCAT to combine first\_name and last\_name.

**Answer :**

SELECT

Output

actor\_id,

 CONCAT(first\_name, ' ', last\_name) AS Full\_Name,

last\_update

FROM

sakila.actor

WHERE

concat(first\_name, ' ', last\_name) = 'SUSAN DAVIS';

1. **Actors Updated on Specific Date**
   * Write a query to list the full\_name and last\_update of all actors who were last updated on '2006-02-15'.
   * **Hint:** Use the DATE function to extract only the date part of last\_update.

**Answer :**

SELECT

CONCAT(first\_name, ' ', last\_name) AS Full\_Name,

last\_update

FROM

sakila.actor

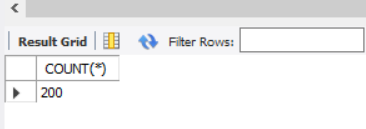
WHERE

date(last\_update) ='2006-02-15';

1. **Count Actors Updated on Specific Date**
   * Write a query to count the total number of actors whose last\_update is on '2006-02-15'.

**Answer :**

Output

SELECT

COUNT(\*)

FROM

sakila.actor

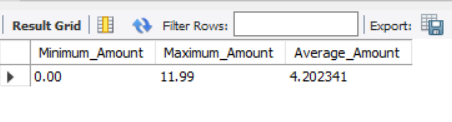
Where

date(last\_update) ='2006-02-15';

1. **Payment Statistics**
   * Write a query to calculate the minimum, maximum, and average payment amounts from the payment table.
   * **Hint:** Use the MIN, MAX, and AVG functions.

**Answer :**

Output



SELECT

MIN(amount) as Minimum\_Amount,

MAX(amount) as Maximum\_Amount,

AVG(amount) as Average\_Amount

FROM

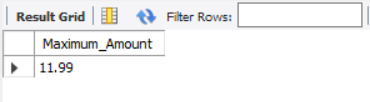
sakila.payment;

1. **Highest Payment Details**
   * Write a query to retrieve all details of the payment with the maximum amount.
   * **Hint:** Use a subquery to find the maximum amount first.

**Answer :**

Output

SELECT

 MAX(amount) as Maximum\_Amount

FROM

sakila.payment;

1. **Actor with the Highest Actor ID**
   * Write a query to retrieve all details of the actor with the maximum actor\_id.
   * **Hint:** Sort the result in descending order of actor\_id.

**Answer :**

SELECT \*

FROM

sakila.actor

ORDER BY actor\_id DESC;

1. **Insert New Actor**
   * Write a query to insert a new actor with the following details:
     + first\_name = 'John'
     + last\_name = 'Doe'
     + Set last\_update to the current timestamp.

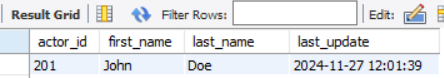
**Answer :**

insert into

Output

sakila.actor

(actor\_id, first\_name, Last\_name, last\_update)

values

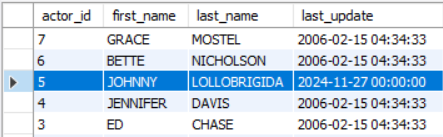
('201','John','Doe','2024-11-27');

1. **Update Actor's Last Update Timestamp**
   * Write a query to update the last\_update column of the actor with actor\_id = 5 to the current timestamp.

**Answer :**

Output

UPDATE sakila.actor

SET

last\_update = '2024-11-27'

WHERE

sakila.actor\_id = 5;

set sql\_safe\_updates = 0;

1. **Delete Small Payments**
   * Write a query to delete all rows from the payment table where the amount is less than 1.00.

**Answer :**

DELETE FROM sakila.payment

WHERE

amount <=1;

set sql\_safe\_updates =1;

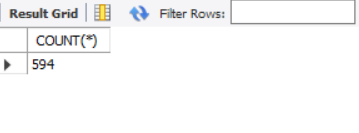
1. **Count Films with Long Rental Duration**
   * Write a query to find the total count of films in the film table where the rental duration is greater than 5 days.
   * **Hint:** Use the COUNT function.

**Answer :**

SELECT

Output

COUNT(\*)

FROM

sakila.film

WHERE

rental\_duration >= 5;