SQL Besie Guinius_

- -- CREATE DATABASE store_product;
- -- SELECT * FROM employees;
- -- SELECT e1.employeeNumber, e1.reportsTo,
- -- concat(e1.firstName, " ", e1.lastName) AS EmployeeName,
- -- concat(e2.firstName, " ", e2.lastName) AS ManagerName, e2.jobTitle AS ManagerJobTitle, e1.jobTitle AS EmployeeJobTitle
- -- FROM employees e1
- -- JOIN employees e2 ON e1.reportsTo = e2.employeeNumber
- -- SELECT * FROM film;
- -- SELECT f1.title, f1.release_year, f2.release_year, f2.rental_rate FROM film f1
- -- JOIN film f2 ON f2.rental rate > f1.rental rate
- -- AND f2.release_year BETWEEN f1.release_year 2 AND f1.release_year + 2;
- -- SELECT c.customerName, c.country, c.addressLine1, c.phone, c.creditLimit FROM customers c
- -- JOIN orders o ON c.country = 'France' AND c.customerNumber = o.customerNumber
- -- ORDER BY o.orderDate DESC;
- -- Show each actor with film(s) they have done
- -- SELECT f.title, f.description, concat(a.first_name, " ",a.last_name)
- -- FROM film actor fa
- -- JOIN film f ON fa.film_id=f.film_id
- -- JOIN actor a ON fa.actor_id = a.actor_id;
- -- Agregator
- -- SELECT COUNT(1) FROM actor;
- -- SELECT * FROM city ORDER BY country_id DESC LIMIT 1 OFFSET 2;
- -- SELECT batch_id, AVG(marks) FROM student GROUP BY batch_id;

SELECT * FROM film;

select COUNT(*), rating from film group by rating ORDER BY rating;

select * from rental;

select COUNT(rental_id), r.customer_id, c.first_name from rental r

JOIN customer c on r.customer_id = c.customer_id

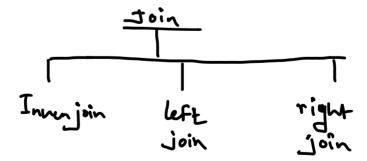
group by r.customer_id

ORDER BY r.customer_id;

- -- HW Problem
- -- Challenging Query (HOMEWORK)
- -- Query 4: Retrieve the total revenue earned by each film category
- -- but include categories where the total revenue is greater than 1000 USD
- -- Show categories and revenue, order the results in desc order by revenue -- HINT: Map each payment ==(joins)=> film_category
- -- SELECT
- -- year, AVG(rent)
- -- FROM film
- -- GROUP BY year
- -- HAVING AVG(rent) >= (SELECT AVG(rent) FROM film);

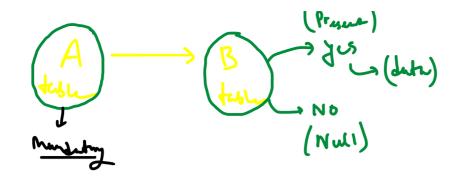


Labre A to Connect table B









Eramph

Select * From Actor. a

Left join Employee e on a cid = e.id

Rijht join

-> Same as left join but opposite of the left join

Innerjoin

=> Both side should be present.

A = B (both side mandatoms)

A = B (both side mandatory)

SELECT

c.customer_id, f.film_id
FROM customer c
LEFT JOIN film f ON c.customer_id = f.film_id;

SELECT

c.customer_id, f.film_id
FROM customer c
RIGHT JOIN film f ON c.customer id = f.film id;

SELECT

c.customer_id, f.film_id
FROM customer c
JOIN film f ON c.customer_id = f.film_id;

group By, having

Frank remove deplicanes defens on column.

having a having work with groupy based on condition.

-- GROUP BY

SELECT release_year, COUNT(release_year) FROM film GROUP BY release_year;

-- HAVING
SELECT
release_year, MAX(rental_duration)
FROM film
GROUP BY release_year
HAVING release year > 2009;









-- ORDER BY (SORTING) SELECT * FROM film ORDER BY rental_duration DESC;