Atividade Prática — Consultas com INNER JOIN e LEFT JOIN

***Exercício 1***

SELECT

c.first\_name || ' ' || c.last\_name AS cliente,

f.title AS filme,

r.rental\_date AS data\_aluguel

FROM customer c

INNER JOIN rental r ON c.customer\_id = r.customer\_id

INNER JOIN inventory i ON r.inventory\_id = i.inventory\_id

INNER JOIN film f ON i.film\_id = f.film\_id

ORDER BY r.rental\_date;

***Exercício 2***

SELECT

a.first\_name || ' ' || a.last\_name AS ator,

f.title AS filme

FROM actor a

INNER JOIN film\_actor fa ON a.actor\_id = fa.actor\_id

INNER JOIN film f ON fa.film\_id = f.film\_id

ORDER BY ator, filme;

***Exercício 3***

SELECT

s.first\_name || ' ' || s.last\_name AS funcionario,

c.first\_name || ' ' || c.last\_name AS cliente,

p.amount AS valor\_pago,

p.payment\_date AS data\_pagamento

FROM payment p

INNER JOIN staff s ON p.staff\_id = s.staff\_id

INNER JOIN customer c ON p.customer\_id = c.customer\_id

ORDER BY p.payment\_date;

***Exercício 4***

SELECT

c.customer\_id,

c.first\_name || ' ' || c.last\_name AS cliente,

r.rental\_id AS ultimo\_aluguel

FROM customer c

LEFT JOIN rental r

ON r.customer\_id = c.customer\_id

AND r.rental\_date = (

SELECT MAX(r2.rental\_date)

FROM rental r2

WHERE r2.customer\_id = c.customer\_id

)

ORDER BY c.customer\_id;

***Exercício 5***

SELECT

f.film\_id,

f.title AS filme,

a.first\_name || ' ' || a.last\_name AS ator

FROM film f

LEFT JOIN film\_actor fa ON f.film\_id = fa.film\_id

LEFT JOIN actor a ON fa.actor\_id = a.actor\_id

ORDER BY f.title, ator;

***Exercício 6***

SELECT

s.store\_id,

st.first\_name || ' ' || st.last\_name AS gerente

FROM store s

LEFT JOIN staff st ON s.manager\_staff\_id = st.staff\_id

ORDER BY s.store\_id;

***Desafio Final***

SELECT

c.customer\_id,

c.first\_name || ' ' || c.last\_name AS cliente,

COALESCE(SUM(p.amount), 0) AS total\_pago

FROM customer c

LEFT JOIN payment p ON c.customer\_id = p.customer\_id

GROUP BY c.customer\_id, c.first\_name, c.last\_name

ORDER BY total\_pago DESC;