

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;
```