

## Lista de Exercícios 1

Data de Entrega: 23/11/2025

Conteúdo:

- `SELECT`, `WHERE`, `ORDER BY`, `LIMIT`, `LIKE`, `BETWEEN`, `IN`
- Funções de agregação (`COUNT`, `AVG`, `MAX`, `MIN`, `SUM`)
- `GROUP BY` e `HAVING`

### 1. Recyclable and Low Fat Products

<https://leetcode.com/problems/recyclable-and-low-fat-products/>

Tópicos: `SELECT`, `WHERE`

Aprender a filtrar registros com condições múltiplas (`AND`, `OR`).

### 2. Find Customer Referee

<https://leetcode.com/problems/find-customer-referee/>

Tópicos: `WHERE`, `IS NULL`

Trabalha com filtragem condicional e valores nulos.

### 3. Big Countries

<https://leetcode.com/problems/big-countries/>

Tópicos: `SELECT`, `WHERE`, `OR`

Combinações simples de filtros.

### 4. Patients With a Condition

<https://leetcode.com/problems/patients-with-a-condition/>

Tópicos: `WHERE`, `LIKE`

Uso de padrões de texto com `LIKE '%string%'`.

## 5. Classes With at Least 5 Students

<https://leetcode.com/problems/classes-with-at-least-5-students/>

Tópicos: GROUP BY, HAVING, COUNT ()

Introduz agregação e filtragem pós-agrupamento.

## 6. Find Followers Count

<https://leetcode.com/problems/find-followers-count/>

Tópicos: GROUP BY, COUNT ()

Conta quantos seguidores cada usuário possui.

## 7. Article Views I

<https://leetcode.com/problems/article-views-i/>

Tópicos: DISTINCT, ORDER BY

Seleciona valores únicos e ordena resultados.

## 8. Invalid Tweets

<https://leetcode.com/problems/invalid-tweets/>

Tópicos: WHERE, LENGTH ()

Filtrar registros com base no tamanho do texto.

## 9. Number of Unique Subjects Taught by Each Teacher

<https://leetcode.com/problems/number-of-unique-subjects-taught-by-each-teacher/>

Tópicos: COUNT (DISTINCT), GROUP BY

Contar valores únicos dentro de cada grupo.

## 10. User Activity for the Past 30 Days I

<https://leetcode.com/problems/user-activity-for-the-past-30-days-i/>

Tópicos: WHERE, BETWEEN, COUNT (), GROUP BY

Aplicar filtros de intervalo e contagem de ocorrências

## 11. Average Time of Process per Machine

<https://leetcode.com/problems/average-time-of-process-per-machine/>

Tópicos: `AVG()`, `GROUP BY`

Agrupar por máquina e calcular tempo médio de processo.

## 12. Find Total Time Spent by Each Employee

<https://leetcode.com/problems/find-total-time-spent-by-each-employee/>

Tópicos: `SUM()`, `GROUP BY`

Somar valores (duração total) por funcionário.