Big Countries

Question:

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

WORLD	
Column	**Type**
name	varchar
continent	varchar
area	int
population	int
gdp	int

A country is big if:

- it has an area of at least three million (i.e., 3000000 km2), or
- it has a population of at least twenty-five million (i.e., 25000000).

Write an SQL query to report the name, population, and area of the big countries.

Return the result table in any order.

The query result format is in the following example.

Query 1

Using a simple **WHERE** clause and **OR** operator.

```
SELECT
    name,
    population,
    area
FROM World
WHERE (area>=3000000) OR (population>=25000000)
```

Query 2

Instead of using **OR**, I tried using **UNION** to join the 2 conditions.

```
SELECT
    name,
    population,
    area
FROM World
WHERE (area>=3000000)

UNION

SELECT
    name,
    population,
    area
FROM World
WHERE (population>=25000000)
```

Fun Fact: Query 2 is faster than Query 1.
Another Fun Fact: This is not always the case. In most comparisons, Query 1 will be faster.
Explanation for this exceptional case :
https://leetcode.com/problems/big-countries/discuss/103561/Union-and-OR-and-the-Explanation