Big Countries

Question:

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

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

name is the primary key column for this table.

Each row of this table gives information about the name of a country, the continent to which it belongs, its area, the population, and its GDP value.

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.

Query 1

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

```sql
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.

```sql
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