6900. Count Complete Subarrays in an Array

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User Accepted:	0
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Total Accepted:	0
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Difficulty:	Medium

You are given an array `nums` consisting of **positive** integers.

We call a subarray of an array **complete** if the following condition is satisfied:

- The number of **distinct** elements in the subarray is equal to the number of distinct elements in the whole array.

Return *the number of **complete** subarrays*.

A **subarray** is a contiguous non-empty part of an array.

Example 1:

```
Input: nums = [1,3,1,2,2]
Output: 4
Explanation: The complete subarrays are the following: [1,3,1,2], [1,3,1,2,2], [3,1,2] and [3,1,2,2].
```

Example 2:

```
Input: nums = [5,5,5,5]
Output: 10
Explanation: The array consists only of the integer 5, so any subarray is complete. The number of subarrays that we can choose
```

Constraints:

- `1 <= nums.length <= 1000`
- `1 <= nums[i] <= 2000`

JavaScript

```javascript
const countCompleteSubarrays = (a) => {
    let n = a.length, dis = new Set(a).size, res = 0;
    for (let i = 0; i < n; i++) {
        let se = new Set();
        for (let j = i; j < n; j++) {
           se.add(a[j]);
           if (se.size == dis) res++;
        }
    }
    return res;
};
```

Custom Testcase Use Example Testcases

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