Problem Link:

<https://leetcode.com/problems/count-complete-subarrays-in-an-array/?envType=daily-question&envId=2025-04-24>

Solution:

class Solution {

public:

int countCompleteSubarrays(std::vector<int>& nums) {

set<int> s(nums.begin(), nums.end());

int d = s.size();

int n = nums.size();

int c = 0;

map<int, int> m;

int w = 0;

for(int l = 0, r = 0; r < n; ++r)

{

if(++m[nums[r]] == 1)

{

w++;

}

while(w == d)

{

c += (n - r);

if(--m[nums[l]] == 0)

{

w--;

}

++l;

}

}

return c;

}

};