Problem Link:

<https://leetcode.com/problems/count-subarrays-with-score-less-than-k/?envType=daily-question&envId=2025-04-28>

Solution:

class Solution {

public:

long long countSubarrays(vector<int>& nums, long long k) {

long long c = 0, s = 0;

int l = 0;

for(int r = 0; r < nums.size(); ++r)

{

s += nums[r];

while((s \* (r - l + 1)) >= k)

{

s -= nums[l];

++l;

}

c += (r - l + 1);

}

return c;

}

};