DP, let $f[i]$ denote the maximum number of non-empty non-overlapping subarrays in $a[1..i]$. We either do not choose a subarray ending at index i, or we do so and greedily choose the rightmost valid starting position, using hashing. $O(n)$.

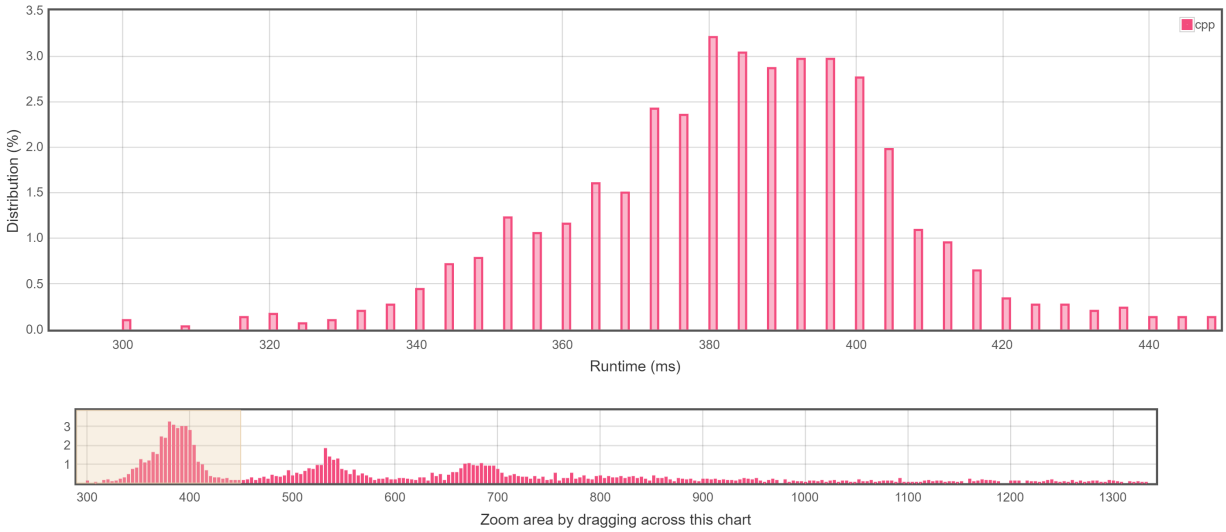
69 / 69 test cases passed.

Status: Accepted

Runtime: **176 ms**
Memory Usage: **83.6 MB**

Submitted: **0 minutes ago**

Accepted Solutions Runtime Distribution



Runtime: 176 ms, faster than 100.00% of C++ online submissions for Maximum Number of Non-Overlapping Subarrays With Sum Equals Target.

Memory Usage: 83.6 MB, less than 57.99% of C++ online submissions for Maximum Number of Non-Overlapping Subarrays With Sum Equals Target.

References