



Path Sum III (/problems/path-sum-iii/)

Submission Detail

126 / 126 test cases passed.

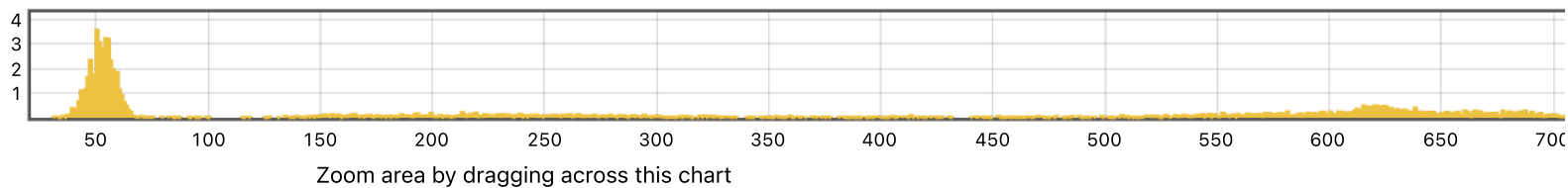
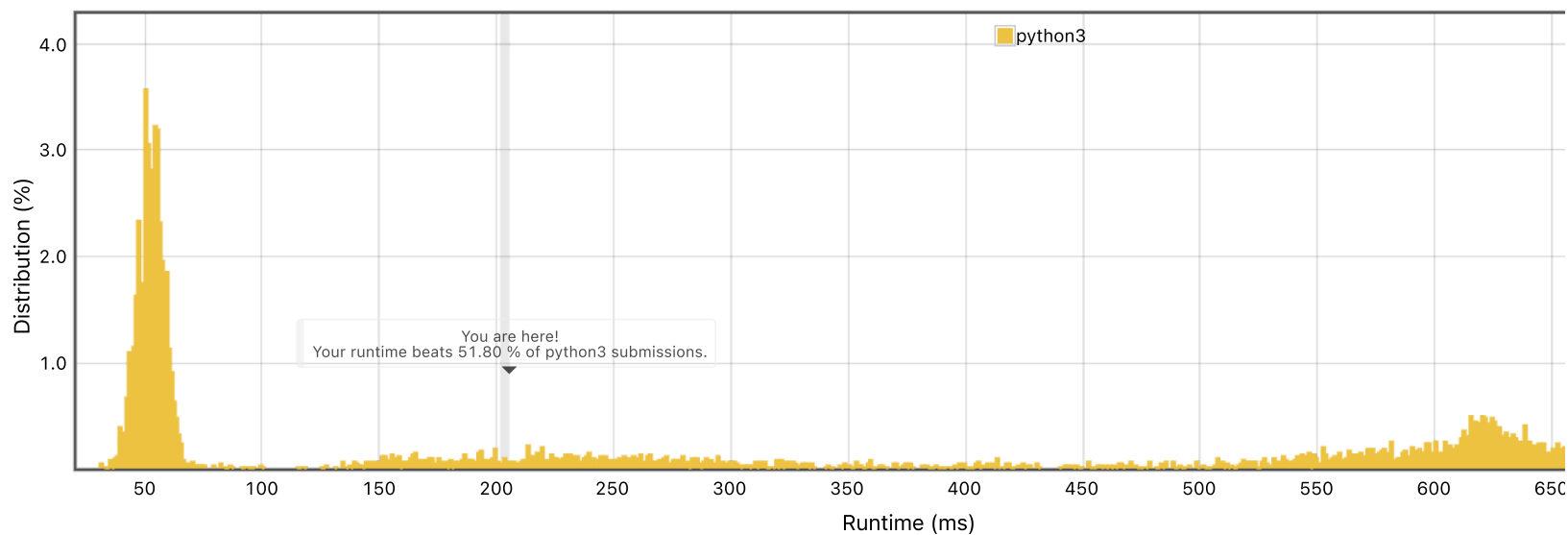
Status: **Accepted**

Runtime: **204 ms**

Submitted: **3 years, 5 months ago**

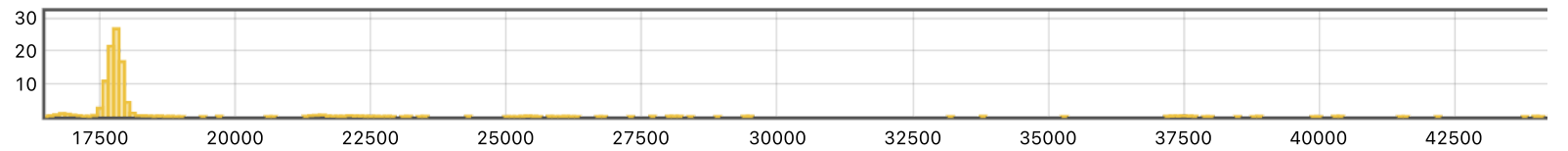
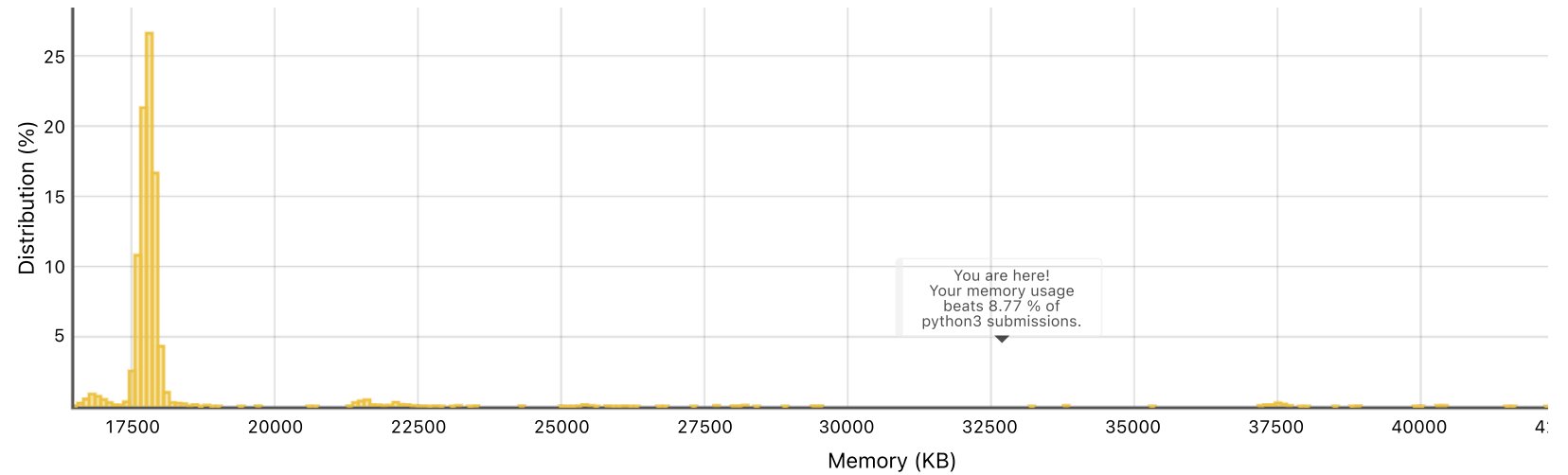
Memory Usage: **34.8 MB**

Accepted Solutions Runtime Distribution



Accepted Solutions Memory Distribution





Zoom area by dragging across this chart

Invite friends to challenge **Path Sum III**

Submitted Code: 3 years, 5 months ago

Language: python3

Edit Code

```

1 class Solution:
2     def __init__(self):
3         self.cnt = 0
4
5     def pathSum(self, root, sum_) -> int:
6
7         def dfs(root, sums):
8             if not root:
9                 return
10            # look back at all previous sums and add new value plus add the cur
11            # thus effectively adding new node value to all previously seen
12            sums=[subssum+root.val for subssum in sums]
13            sums.append(root.val)
14
15            self.cnt+=sums.count(sum_)
16            dfs(root.left, sums)

```

```
17         dfs(root.right, sums)
18     dfs(root, [])
19     return self.cnt
```

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