

Lucky Numbers in a Matrix (/contest/weekly-contest-180/problems/lucky-numbers-in-a-matrix/)

Submission Detail

103 / 103 test cases passed.

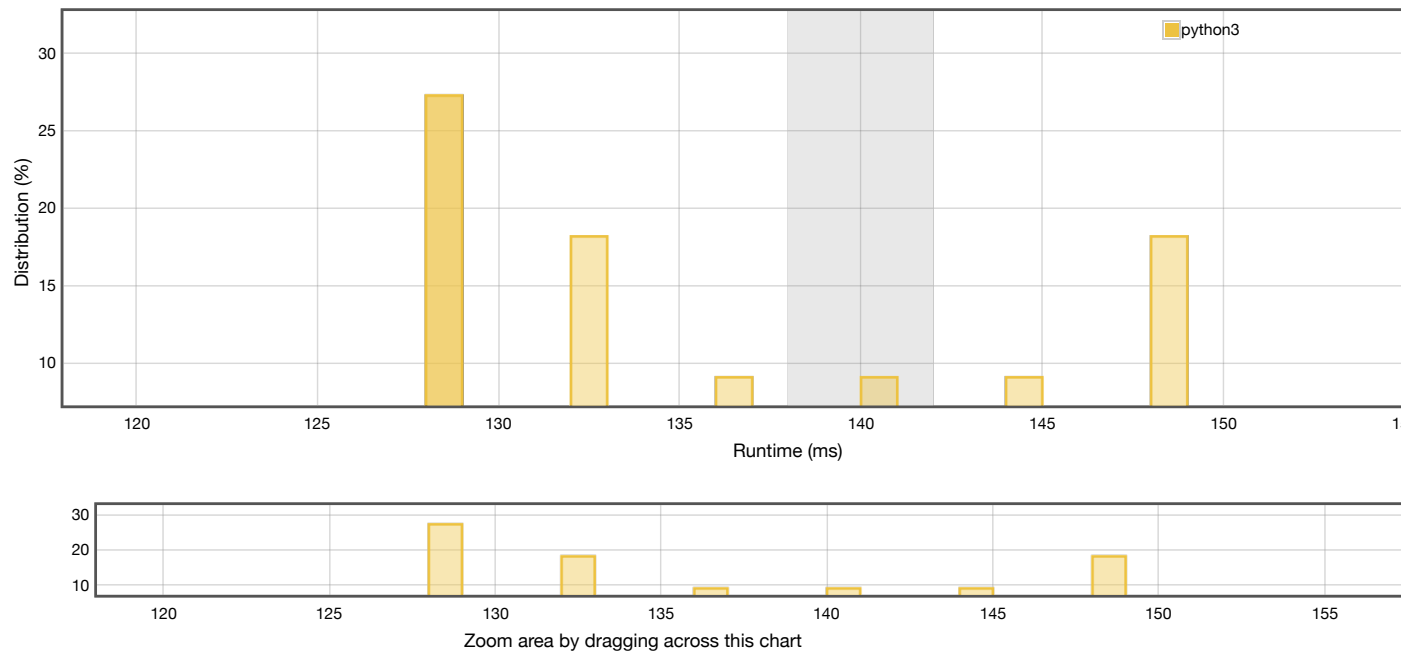
Status: **Accepted**

Runtime: **140 ms**

Submitted: **1 hour, 8 minutes ago**

Memory Usage: **13.2 MB**

Accepted Solutions Runtime Distribution



Accepted Solutions Memory Distribution

Sorry. We do not have enough accepted submissions to show distribution chart.

Invite friends to challenge **Lucky Numbers in a Matrix**

3

Submitted Code: 1 hour, 8 minutes ago

Language: python3

Edit Code

```

1 class Solution:
2     def luckyNumbers (self, matrix: List[List[int]]) -> List[int]:
3         m = len(matrix)
4         n = len(matrix[0])
5         luckyNums = []
6         rowMins = {} # Length: m, Values: num: colIndex
7
8         # Grab largest values in each rows
9         for i in range(m):
10             # Grab min in row
11             rowMins[min(matrix[i])] = matrix[i].index(min(matrix[i]))
12
13         # Check if mins are largest in col
14         for num in rowMins: # Iterate through rows
15             numColIndex = rowMins[num]
16             col = []

```

```
17
18     # grab col associated with num
19     for row in range(m):
20         col.append(matrix[row][numColIndex])
21
22     # Check if largest in col
23     if num == max(col):
24         luckyNums.append(num)
25
26     return luckyNums
27
28
29
30
31
```

[Back to problem \(/contest/weekly-contest-180/problems/lucky-numbers-in-a-matrix/\)](/contest/weekly-contest-180/problems/lucky-numbers-in-a-matrix/)