

221. Maximal Square

Given an $m \times n$ binary matrix filled with 0's and 1's, find the largest square containing only 1's and return its area.

Example 1:

| | | | | |
|---|---|---|---|---|
| 1 | 0 | 1 | 0 | 0 |
| 1 | 0 | 1 | 1 | 1 |
| 1 | 1 | 1 | 1 | 1 |
| 1 | 0 | 0 | 1 | 0 |

Input: matrix =

`[["1","0","1","0","0"],["1","0","1","1","1"],["1","1","1","1","1"],["1","0","0","1","0"]]`

Output: 4

Example 2:

| | |
|---|---|
| 0 | 1 |
| 1 | 0 |

Input: matrix = [["0","1"],["1","0"]]

Output: 1

Example 3:

Input: matrix = [["0"]]

Output: 0

Constraints:

- $m == \text{matrix.length}$
- $n == \text{matrix}[i].\text{length}$
- $1 \leq m, n \leq 300$
- $\text{matrix}[i][j]$ is '0' or '1'.