Count Square Submatrices with All Ones

Given a m * n matrix of ones and zeros, return how many **square** submatrices have all ones.

Example 1:

Input: matrix =

[

[0,1,1,1],

[1,1,1,1],

[0,1,1,1]

]

Output: 15

Explanation:

There are **10** squares of side 1.

There are **4** squares of side 2.

There is **1** square of side 3.

Total number of squares = 10 + 4 + 1 = **15**.

Example 2:

Input: matrix =

[

[1,0,1],

[1,1,0],

[1,1,0]

]

Output: 7

Explanation:

There are **6** squares of side 1.

There is **1** square of side 2.

Total number of squares = 6 + 1 = **7**.

Constraints:

- 1 <= arr.length <= 300
- 1 <= arr[0].length <= 300
- 0 <= arr[i][j] <= 1