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