Maximal Square

class Solution:

def maximalSquare(self, matrix: List[List[str]]) -> int:

if len(matrix) == 0:

return 0

n, m = len(matrix), len(matrix[0])

dp = [[0 for i in range(m+1)] for j in range(n+1)]

max\_square = 0

for i in range(1, n+1):

for j in range(1, m+1):

if matrix[i-1][j-1] == "1":

dp[i][j] = min(dp[i-1][j], dp[i][j-1], dp[i-1][j-1]) + 1

max\_square = max(max\_square, dp[i][j])

return max\_square \*\* 2