Problem Link:

<https://leetcode.com/problems/find-the-minimum-area-to-cover-all-ones-i/?envType=daily-question&envId=2025-08-22>

Solution:

class Solution {

public:

int minimumArea(vector<vector<int>>& grid) {

int r = grid.size();

int c = grid[0].size();

int minr = r, maxr = -1;

int minc = c, maxc = -1;

for(int i = 0; i < r; ++i)

{

for(int j = 0; j < c; ++j)

{

if(grid[i][j] == 1)

{

minr = min(minr, i);

maxr = max(maxr, i);

minc = min(minc, j);

maxc = max(maxc, j);

}

}

}

int h = maxr - minr + 1;

int w = maxc - minc + 1;

return h \* w;

}

};