064. Minimum Path Sum

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• Dynamic Programming+Array

Description

Given a *m* x *n* grid filled with non-negative numbers, find a path from top left to bottom right which *minimizes* the sum of all numbers along its path.

Note: You can only move either down or right at any point in time.

Example 1:

```
[[1,3,1],
[1,5,1],
[4,2,1]]
```

Given the above grid map, return 7. Because the path $1\rightarrow 3\rightarrow 1\rightarrow 1\rightarrow 1$ minimizes the sum.

1. Thought line

2. Dynamic Programming+Array