

Minimum Cost Path in a Matrix

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1 Introduction

Given an

$$n \times m$$

matrix filled with non-negative numbers, find a path from top left to bottom right which minimizes the sum of all numbers along its path. You can only move either down or right at any point in time

2 Problem Statement

Find a solution that utilizes dynamic programming to compute Minimum Cost Path in a matrix efficiently. Write a function for both the recursive and iterative dynamic programming solution