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🔖 **Matrix**

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#	Title	Acceptance	Difficulty	Frequency ❓
✔ 200	Number of Islands (/problems/number-of-islands) ★	56.0%	Medium	
✔ 48	Rotate Image (/problems/rotate-image)	69.6%	Medium	
1293	Shortest Path in a Grid with Obstacles Elimination (/problems/shortest-path-in-a-grid-with-obstacles-elimination)	43.6%	Hard	
✔ 79	Word Search (/problems/word-search) ★	39.9%	Medium	
289	Game of Life (/problems/game-of-life)	66.5%	Medium	
✔ 54	Spiral Matrix (/problems/spiral-matrix)	43.4%	Medium	
1074	Number of Submatrices That Sum to Target (/problems/number-of-submatrices-that-sum-to-target)	69.8%	Hard	
363	Max Sum of Rectangle No Larger Than K (/problems/max-sum-of-rectangle-no-larger-than-k)	44.1%	Hard	
✔ 329	Longest Increasing Path in a Matrix (/problems/longest-increasing-path-in-a-matrix)	52.0%	Hard	
✔ 1091	Shortest Path in Binary Matrix (/problems/shortest-path-in-binary-matrix)	44.5%	Medium	
✔ 212	Word Search II (/problems/word-search-ii) ★	37.1%	Hard	
✔ 36	Valid Sudoku (/problems/valid-sudoku) ★	56.6%	Medium	
✔ 695	Max Area of Island (/problems/max-area-of-island)	71.6%	Medium	
✔ 37	Sudoku Solver (/problems/sudoku-solver)	56.4%	Hard	
427	Construct Quad Tree (/problems/construct-quad-tree)	66.3%	Medium	
✔ 417	Pacific Atlantic Water Flow (/problems/pacific-atlantic-water-flow)	53.7%	Medium	
✔ 994	Rotting Oranges (/problems/rotting-oranges) ★	52.4%	Medium	
✔ 74	Search a 2D Matrix (/problems/search-a-2d-matrix)	46.6%	Medium	
✔ 286	Walls and Gates (/problems/walls-and-gates) ★ 🔓	60.1%	Medium	
73	Set Matrix Zeroes (/problems/set-matrix-zeroes)	49.8%	Medium	
59	Spiral Matrix II (/problems/spiral-matrix-ii)	66.3%	Medium	
✔ 304	Range Sum Query 2D - Immutable (/problems/range-sum-query-2d-immutable)	51.9%	Medium	
867	Transpose Matrix (/problems/transpose-matrix)	63.4%	Easy	
1260	Shift 2D Grid (/problems/shift-2d-grid)	68.0%	Easy	
✔ 85	Maximal Rectangle (/problems/maximal-rectangle)	43.9%	Hard	
529	Minesweeper (/problems/minesweeper) ★	65.4%	Medium	
✔ 240	Search a 2D Matrix II (/problems/search-a-2d-matrix-ii)	50.4%	Medium	
✔ 348	Design Tic-Tac-Toe (/problems/design-tic-tac-toe) ★ 🔓	57.5%	Medium	

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827	Making A Large Island (/problems/making-a-large-island)	44.7%	Hard	
✔ 934	Shortest Bridge (/problems/shortest-bridge)	53.8%	Medium	
378	Kth Smallest Element in a Sorted Matrix (/problems/kth-smallest-element-in-a-sorted-matrix)	61.5%	Medium	
909	Snakes and Ladders (/problems/snakes-and-ladders) ★	40.8%	Medium	
419	Battleships in a Board (/problems/battleships-in-a-board)	74.5%	Medium	
✔ 317	Shortest Distance from All Buildings (/problems/shortest-distance-from-all-buildings) 🔓	43.0%	Hard	
749	Contain Virus (/problems/contain-virus)	50.8%	Hard	
1428	Leftmost Column with at Least a One (/problems/leftmost-column-with-at-least-a-one) 🔓	53.0%	Medium	
1275	Find Winner on a Tic Tac Toe Game (/problems/find-winner-on-a-tic-tac-toe-game)	54.3%	Easy	
221	Maximal Square (/problems/maximal-square)	44.4%	Medium	
498	Diagonal Traverse (/problems/diagonal-traverse)	57.9%	Medium	
773	Sliding Puzzle (/problems/sliding-puzzle)	63.7%	Hard	
✔ 64	Minimum Path Sum (/problems/minimum-path-sum) ★	60.5%	Medium	
1329	Sort the Matrix Diagonally (/problems/sort-the-matrix-diagonally)	83.7%	Medium	
741	Cherry Pickup (/problems/cherry-pickup)	36.3%	Hard	
1277	Count Square Submatrices with All Ones (/problems/count-square-submatrices-with-all-ones)	74.4%	Medium	
353	Design Snake Game (/problems/design-snake-game) 🔓	38.9%	Medium	
1672	Richest Customer Wealth (/problems/richest-customer-wealth)	88.5%	Easy	
1631	Path With Minimum Effort (/problems/path-with-minimum-effort)	55.2%	Medium	
✔ 63	Unique Paths II (/problems/unique-paths-ii)	39.0%	Medium	
✔ 733	Flood Fill (/problems/flood-fill)	60.1%	Easy	
1878	Get Biggest Three Rhombus Sums in a Grid (/problems/get-biggest-three-rhombus-sums-in-a-grid)	46.3%	Medium	
✔ 778	Swim in Rising Water (/problems/swim-in-rising-water)	59.5%	Hard	
407	Trapping Rain Water II (/problems/trapping-rain-water-ii)	47.4%	Hard	
✔ 1730	Shortest Path to Get Food (/problems/shortest-path-to-get-food) ★ 🔓	54.0%	Medium	
✔ 542	01 Matrix (/problems/01-matrix)	44.1%	Medium	
130	Surrounded Regions (/problems/surrounded-regions)	35.7%	Medium	
✔ 1219	Path with Maximum Gold (/problems/path-with-maximum-gold)	64.6%	Medium	
885	Spiral Matrix III (/problems/spiral-matrix-iii)	73.0%	Medium	
723	Candy Crush (/problems/candy-crush) 🔓	76.1%	Medium	
1727	Largest Submatrix With Rearrangements (/problems/largest-submatrix-with-rearrangements)	60.9%	Medium	
1314	Matrix Block Sum (/problems/matrix-block-sum)	75.4%	Medium	
✔ 311	Sparse Matrix Multiplication (/problems/sparse-matrix-multiplication) 🔓	67.0%	Medium	

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1895	Largest Magic Square (/problems/largest-magic-square)	51.8%	Medium	
1349	Maximum Students Taking Exam (/problems/maximum-students-taking-exam)	48.0%	Hard	
1337	The K Weakest Rows in a Matrix (/problems/the-k-weakest-rows-in-a-matrix)	73.2%	Easy	
924	Minimize Malware Spread (/problems/minimize-malware-spread)	42.0%	Hard	
566	Reshape the Matrix (/problems/reshape-the-matrix)	62.6%	Easy	
361	Bomb Enemy (/problems/bomb-enemy) 🔓	50.8%	Medium	
2146	K Highest Ranked Items Within a Price Range (/problems/k-highest-ranked-items-within-a-price-range)	41.1%	Medium	
296	Best Meeting Point (/problems/best-meeting-point) 🔓	59.5%	Hard	
2132	Stamping the Grid (/problems/stamping-the-grid)	30.6%	Hard	
174	Dungeon Game (/problems/dungeon-game)	37.2%	Hard	
1861	Rotating the Box (/problems/rotating-the-box)	64.8%	Medium	
1284	Minimum Number of Flips to Convert Binary Matrix to Zero Matrix (/problems/minimum-number-of-flips-to-convert-binary-matrix-to-zero-matrix)	72.0%	Hard	
2018	Check if Word Can Be Placed In Crossword (/problems/check-if-word-can-be-placed-in-crossword)	49.3%	Medium	
883	Projection Area of 3D Shapes (/problems/projection-area-of-3d-shapes)	70.6%	Easy	
2128	Remove All Ones With Row and Column Flips (/problems/remove-all-ones-with-row-and-column-flips) 🔓	76.4%	Medium	
2245	Maximum Trailing Zeros in a Cornered Path (/problems/maximum-trailing-zeros-in-a-cornered-path)	35.2%	Medium	
✔ 1162	As Far from Land as Possible (/problems/as-far-from-land-as-possible)	48.5%	Medium	
302	Smallest Rectangle Enclosing Black Pixels (/problems/smallest-rectangle-enclosing-black-pixels) 🔓	58.1%	Hard	
✔ 463	Island Perimeter (/problems/island-perimeter)	69.4%	Easy	
2258	Escape the Spreading Fire (/problems/escape-the-spreading-fire)	34.6%	Hard	
✔ 1254	Number of Closed Islands (/problems/number-of-closed-islands)	64.2%	Medium	
1605	Find Valid Matrix Given Row and Column Sums (/problems/find-valid-matrix-given-row-and-column-sums)	78.1%	Medium	
1368	Minimum Cost to Make at Least One Valid Path in a Grid (/problems/minimum-cost-to-make-at-least-one-valid-path-in-a-grid)	61.3%	Hard	
807	Max Increase to Keep City Skyline (/problems/max-increase-to-keep-city-skyline)	85.9%	Medium	
✔ 832	Flipping an Image (/problems/flipping-an-image)	80.3%	Easy	
766	Toeplitz Matrix (/problems/toeplitz-matrix)	68.1%	Easy	
1463	Cherry Pickup II (/problems/cherry-pickup-ii)	70.3%	Hard	
2087	Minimum Cost Homecoming of a Robot in a Grid (/problems/minimum-cost-homecoming-of-a-robot-in-a-grid)	51.1%	Medium	
2290	Minimum Obstacle Removal to Reach Corner (/problems/minimum-obstacle-removal-to-reach-corner)	49.3%	Hard	
1476	Subrectangle Queries (/problems/subrectangle-queries)	88.5%	Medium	
2392	Build a Matrix With Conditions (/problems/build-a-matrix-with-conditions)	58.4%	Hard	

#	Title	Acceptance	Difficulty	Frequency ❓
	562	Longest Line of Consecutive One in Matrix (/problems/longest-line-of-consecutive-one-in-matrix) 🔓	49.9%	Medium	
	1139	Largest 1-Bordered Square (/problems/largest-1-bordered-square)	49.9%	Medium	
✔	931	Minimum Falling Path Sum (/problems/minimum-falling-path-sum)	68.4%	Medium	
	568	Maximum Vacation Days (/problems/maximum-vacation-days) 🔓	44.8%	Hard	
	2371	Minimize Maximum Value in a Grid (/problems/minimize-maximum-value-in-a-grid) 🔓	69.6%	Hard	
✔	1351	Count Negative Numbers in a Sorted Matrix (/problems/count-negative-numbers-in-a-sorted-matrix)	75.2%	Easy	
	1292	Maximum Side Length of a Square with Sum Less than or Equal to Threshold (/problems/maximum-side-length-of-a-square-with-sum-less-than-or-equal-to-threshold)	53.1%	Medium	
	1572	Matrix Diagonal Sum (/problems/matrix-diagonal-sum)	79.6%	Easy	
	1914	Cyclically Rotating a Grid (/problems/cyclically-rotating-a-grid)	47.9%	Medium	
	2133	Check if Every Row and Column Contains All Numbers (/problems/check-if-every-row-and-column-contains-all-numbers)	52.7%	Easy	
	1632	Rank Transform of a Matrix (/problems/rank-transform-of-a-matrix)	40.9%	Hard	
	840	Magic Squares In Grid (/problems/magic-squares-in-grid)	38.5%	Medium	
	980	Unique Paths III (/problems/unique-paths-iii)	79.6%	Hard	
	1886	Determine Whether Matrix Can Be Obtained By Rotation (/problems/determine-whether-matrix-can-be-obtained-by-rotation)	55.4%	Easy	
	1728	Cat and Mouse II (/problems/cat-and-mouse-ii)	40.7%	Hard	
	1504	Count Submatrices With All Ones (/problems/count-submatrices-with-all-ones)	58.0%	Medium	
	1380	Lucky Numbers in a Matrix (/problems/lucky-numbers-in-a-matrix)	70.5%	Easy	
	1102	Path With Maximum Minimum Value (/problems/path-with-maximum-minimum-value) 🔓	53.3%	Medium	
	1594	Maximum Non Negative Product in a Matrix (/problems/maximum-non-negative-product-in-a-matrix)	33.1%	Medium	
	1595	Minimum Cost to Connect Two Groups of Points (/problems/minimum-cost-to-connect-two-groups-of-points)	46.2%	Hard	
	2304	Minimum Path Cost in a Grid (/problems/minimum-path-cost-in-a-grid)	65.2%	Medium	
	661	Image Smoother (/problems/image-smoother)	54.9%	Easy	
	1706	Where Will the Ball Fall (/problems/where-will-the-ball-fall)	65.9%	Medium	
	861	Score After Flipping Matrix (/problems/score-after-flipping-matrix)	75.1%	Medium	
	1263	Minimum Moves to Move a Box to Their Target Location (/problems/minimum-moves-to-move-a-box-to-their-target-location)	49.0%	Hard	
	892	Surface Area of 3D Shapes (/problems/surface-area-of-3d-shapes)	62.9%	Easy	
	2174	Remove All Ones With Row and Column Flips II (/problems/remove-all-ones-with-row-and-column-flips-ii) 🔓	69.0%	Medium	
	675	Cut Off Trees for Golf Event (/problems/cut-off-trees-for-golf-event)	34.5%	Hard	
	1267	Count Servers that Communicate (/problems/count-servers-that-communicate)	59.1%	Medium	
✔	1020	Number of Enclaves (/problems/number-of-enclaves)	64.6%	Medium	

#	Title	Acceptance	Difficulty	Frequency ❓
531	Lonely Pixel I (/problems/lonely-pixel-i) 🔓	60.8%	Medium	
1030	Matrix Cells in Distance Order (/problems/matrix-cells-in-distance-order)	69.3%	Easy	
782	Transform to Chessboard (/problems/transform-to-chessboard)	51.9%	Hard	
308	Range Sum Query 2D - Mutable (/problems/range-sum-query-2d-mutable) 🔓	42.0%	Hard	
2328	Number of Increasing Paths in a Grid (/problems/number-of-increasing-paths-in-a-grid)	47.7%	Hard	
803	Bricks Falling When Hit (/problems/bricks-falling-when-hit)	34.2%	Hard	
2267	Check if There Is a Valid Parentheses String Path (/problems/check-if-there-is-a-valid-parentheses-string-path)	37.9%	Hard	
1926	Nearest Exit from Entrance in Maze (/problems/nearest-exit-from-entrance-in-maze)	43.1%	Medium	
928	Minimize Malware Spread II (/problems/minimize-malware-spread-ii)	42.6%	Hard	
1901	Find a Peak Element II (/problems/find-a-peak-element-ii)	53.5%	Medium	
2319	Check if Matrix Is X-Matrix (/problems/check-if-matrix-is-x-matrix)	67.5%	Easy	
1391	Check if There is a Valid Path in a Grid (/problems/check-if-there-is-a-valid-path-in-a-grid)	47.0%	Medium	
1975	Maximum Matrix Sum (/problems/maximum-matrix-sum)	45.6%	Medium	
✔ 1289	Minimum Falling Path Sum II (/problems/minimum-falling-path-sum-ii)	59.7%	Hard	
1210	Minimum Moves to Reach Target with Rotations (/problems/minimum-moves-to-reach-target-with-rotations)	48.8%	Hard	
1222	Queens That Can Attack the King (/problems/queens-that-can-attack-the-king)	71.6%	Medium	
1559	Detect Cycles in 2D Grid (/problems/detect-cycles-in-2d-grid)	48.1%	Medium	
1591	Strange Printer II (/problems/strange-printer-ii)	57.9%	Hard	
2373	Largest Local Values in a Matrix (/problems/largest-local-values-in-a-matrix)	84.0%	Easy	
1072	Flip Columns For Maximum Number of Equal Rows (/problems/flip-columns-for-maximum-number-of-equal-rows)	63.2%	Medium	
1958	Check if Move is Legal (/problems/check-if-move-is-legal)	44.1%	Medium	
1439	Find the Kth Smallest Sum of a Matrix With Sorted Rows (/problems/find-the-kth-smallest-sum-of-a-matrix-with-sorted-rows) ★	61.3%	Hard	
1198	Find Smallest Common Element in All Rows (/problems/find-smallest-common-element-in-all-rows) 🔓	76.1%	Medium	
999	Available Captures for Rook (/problems/available-captures-for-rook)	67.8%	Easy	
1765	Map of Highest Peak (/problems/map-of-highest-peak)	60.4%	Medium	
1981	Minimize the Difference Between Target and Chosen Elements (/problems/minimize-the-difference-between-target-and-chosen-elements)	32.5%	Medium	
2257	Count Unguarded Cells in the Grid (/problems/count-unguarded-cells-in-the-grid)	52.1%	Medium	
✔ 2352	Equal Row and Column Pairs (/problems/equal-row-and-column-pairs)	71.1%	Medium	
1820	Maximum Number of Accepted Invitations (/problems/maximum-number-of-accepted-invitations) 🔓	49.5%	Medium	
1253	Reconstruct a 2-Row Binary Matrix (/problems/reconstruct-a-2-row-binary-matrix)	43.7%	Medium	
2397	Maximum Rows Covered by Columns (/problems/maximum-rows-covered-by-columns)	52.0%	Medium	
✔ 1905	Count Sub Islands (/problems/count-sub-islands) ★	67.9%	Medium	

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1582	Special Positions in a Binary Matrix (/problems/special-positions-in-a-binary-matrix)	65.4%	Easy	
422	Valid Word Square (/problems/valid-word-square) 🔓	38.8%	Easy	
2022	Convert 1D Array Into 2D Array (/problems/convert-1d-array-into-2d-array)	58.3%	Easy	
2326	Spiral Matrix IV (/problems/spiral-matrix-iv)	74.6%	Medium	
1034	Coloring A Border (/problems/coloring-a-border)	48.9%	Medium	
2125	Number of Laser Beams in a Bank (/problems/number-of-laser-beams-in-a-bank)	82.7%	Medium	
533	Lonely Pixel II (/problems/lonely-pixel-ii) 🔓	48.3%	Medium	
750	Number Of Corner Rectangles (/problems/number-of-corner-rectangles) 🔓	67.5%	Medium	
835	Image Overlap (/problems/image-overlap)	61.1%	Medium	
1301	Number of Paths with Max Score (/problems/number-of-paths-with-max-score)	38.8%	Hard	
1444	Number of Ways of Cutting a Pizza (/problems/number-of-ways-of-cutting-a-pizza)	55.5%	Hard	
1536	Minimum Swaps to Arrange a Binary Grid (/problems/minimum-swaps-to-arrange-a-binary-grid)	46.4%	Medium	
1568	Minimum Number of Days to Disconnect Island (/problems/minimum-number-of-days-to-disconnect-island)	47.3%	Hard	
1738	Find Kth Largest XOR Coordinate Value (/problems/find-kth-largest-xor-coordinate-value)	61.7%	Medium	
1970	Last Day Where You Can Still Cross (/problems/last-day-where-you-can-still-cross)	49.0%	Hard	
1992	Find All Groups of Farmland (/problems/find-all-groups-of-farmland)	68.4%	Medium	
2017	Grid Game (/problems/grid-game)	42.5%	Medium	
2033	Minimum Operations to Make a Uni-Value Grid (/problems/minimum-operations-to-make-a-uni-value-grid)	52.0%	Medium	
2088	Count Fertile Pyramids in a Land (/problems/count-fertile-pyramids-in-a-land)	63.7%	Hard	
2061	Number of Spaces Cleaning Robot Cleaned (/problems/number-of-spaces-cleaning-robot-cleaned) 🔓	54.9%	Medium	
2123	Minimum Operations to Remove Adjacent Ones in Matrix (/problems/minimum-operations-to-remove-adjacent-ones-in-matrix) 🔓	40.0%	Hard	
2282	Number of People That Can Be Seen in a Grid (/problems/number-of-people-that-can-be-seen-in-a-grid) 🔓	49.5%	Medium	
2387	Median of a Row Wise Sorted Matrix (/problems/median-of-a-row-wise-sorted-matrix) 🔓	68.8%	Medium	

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