

# MINESWEEPER ANALYTICS REPORT

**Board Configuration:**

- Size: 20 x 20 cells
- Mines: 100
- Sample Size: 1000 boards
- Mine Density: 25.0%

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# EXECUTIVE SUMMARY

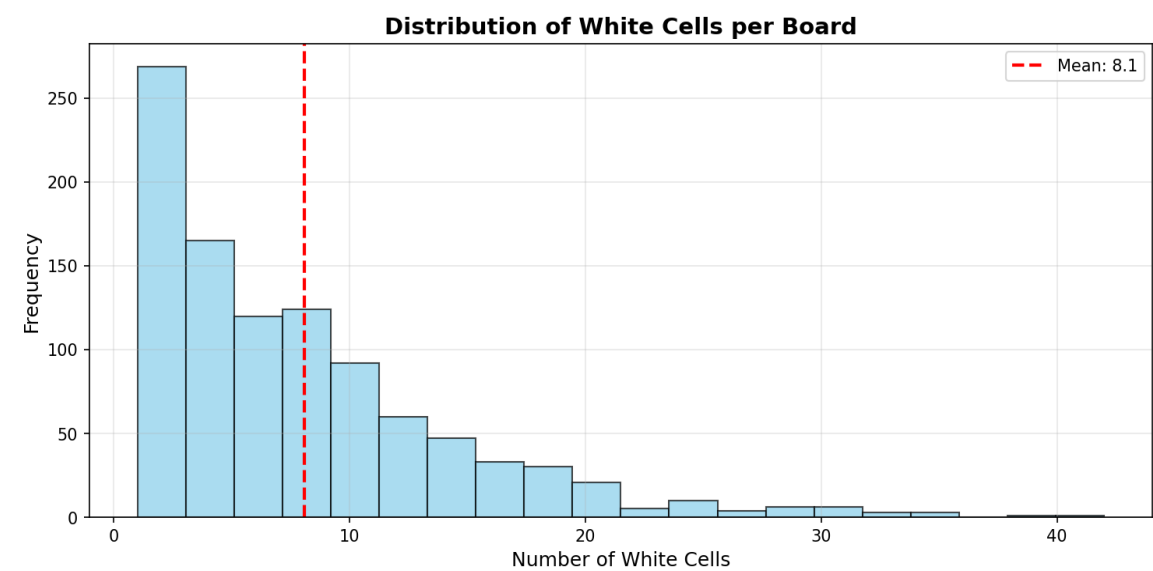
Metric	Value	Description
Board Size	20 × 20	Rows × Columns
Total Mines	100	Number of mines placed
Sample Size	1000	Boards analyzed
Mine Density	25.0%	Percentage of mines
Avg White Cells	8.1	Average blank cells per board
Avg Mine Clusters	29.4	Average clusters per board
Most Common Number	1	Most frequent cell value

## Key Insights:

- Average of 8.1 white cells per board (2.0% of board)
- High mine density suggests challenging gameplay
- Mines are distributed across multiple clusters
- Most common cell value is 1 adjacent mines

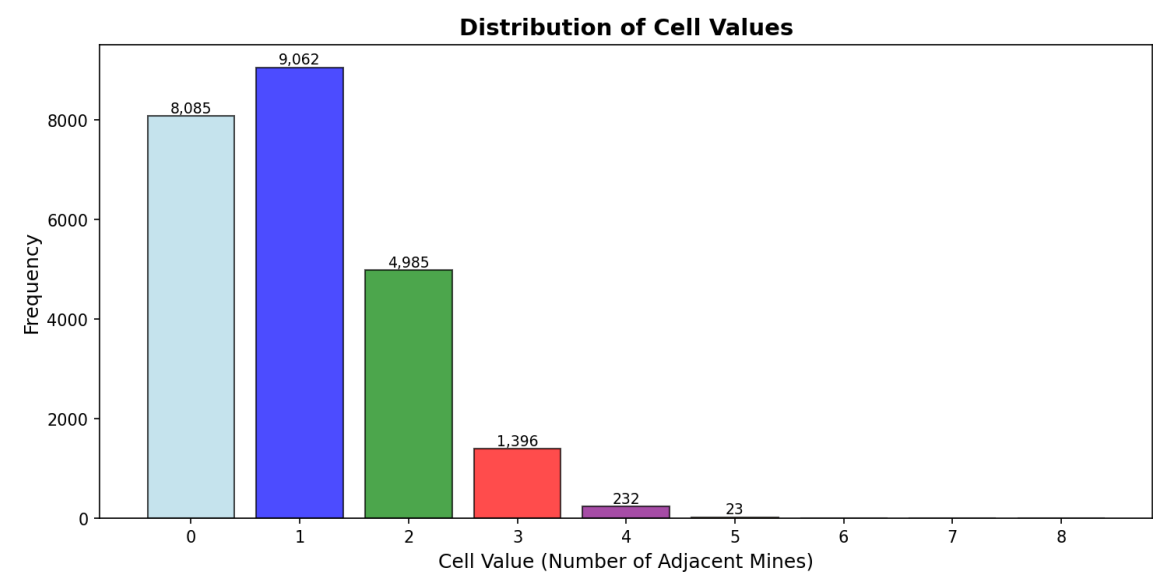
# DETAILED ANALYTICS

## White Cells Distribution



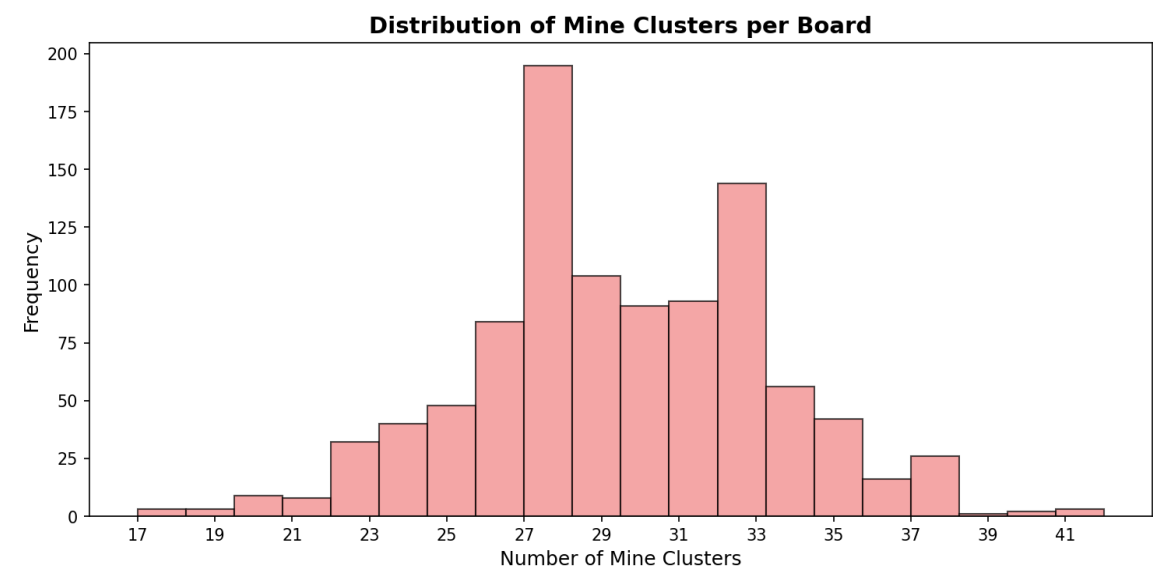
Distribution of white (blank) cells across analyzed boards

## Cell Value Distribution



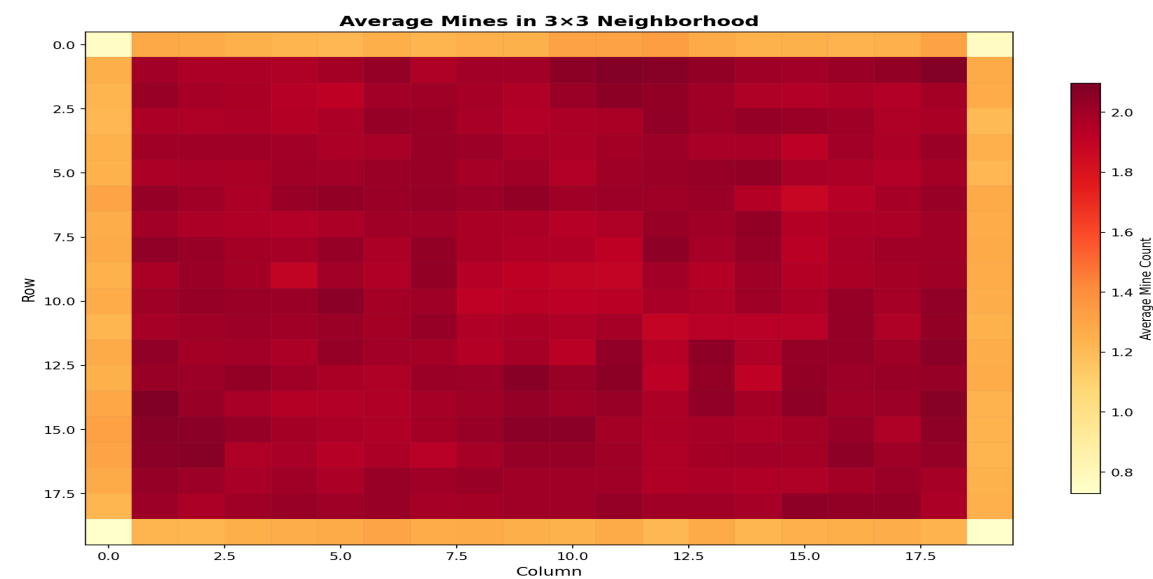
Frequency of different cell values (0-8 mines in neighborhood)

# Mine Cluster Analysis



*Distribution of mine clusters per board*

# Mine Neighborhood Heatmap



*Average number of mines in 3x3 neighborhood around each cell*