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AI Based Puzzle Generator <Crossword>

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</ Creative Problem Statement

The AI Puzzle Generator

What if solving a puzzle was impossible?	Imagine a crossword puzzle that changes every time you try to solve it.
	What if the AI generating the puzzle is actively working against you?
Problem Statement	Design an AI-Based puzzle generator that creates dynamic, unsolvable crossword puzzles to challenge and entertain users.
Why?	To explore the boundaries of AI in puzzle generation.
	To creates a fun and engaging experience that keeps users coming back for more

For more info:
PLAY | GAME

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</ Rule and Constraints

<RULES>
- Select a difficulty level: Easy, Medium, or Hard
- Fill in the crossword grid based on the provided clues
- Submit your answers to see how you did
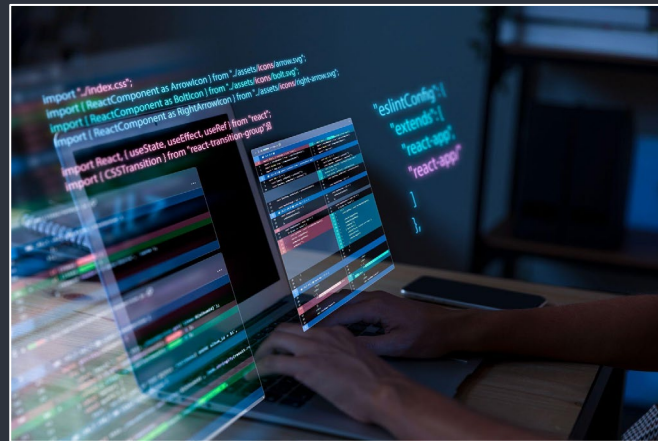
<CONSTRAINTS>
- The AI scrambles the puzzle every time you submit your answers
- The grid size and word complexity increase with difficulty
- You can solve the puzzle - It's design to be impossible

<OBJECTIVE>
- Try to achieve the highest accuracy score, but **don't except to win!**

python>

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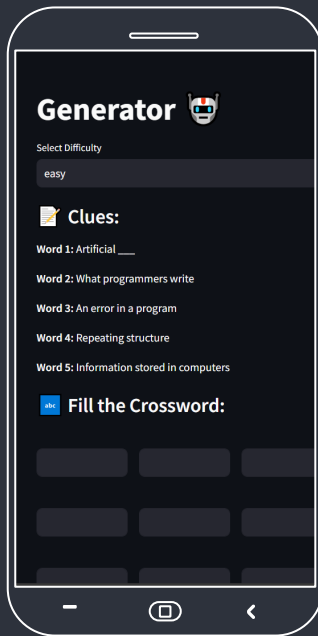# </ How It Works: The AI Behind the Madness

Puzzle Generation

> The AI selects   words and clues based on the difficulty level
> It dynamically places words on the grid

Scrambling

> The AI shuffles the letters in the grid to make it unsolvable

Generator 🤖

Select Difficulty

easy

📝 **Clues:**

Word 1: Artificial ___

Word 2: What programmers write

Word 3: An error in a program

Word 4: Repeating structure

Word 5: Information stored in computers

🔡 **Fill the Crossword:**

User Interaction

> Users fill in the grid, but the AI ensures their answers are never correct

Feedback

> The AI provides playful feedback encouraging users to try again

Generator 🤖

Select Difficulty

easy

📝 Clues:

Word 1: Artificial ___

Word 2: What programmers write

Word 3: An error in a program

Word 4: Repeating structure

Word 5: Information stored in computers

🔤 Fill the Crossword:

<Let's See How It Works>

Select Difficulty

easy ▾

easy

medium

hard

Word 2: What programmers write

Word 3: An error in a program

Word 4: Repeating structure

Word 5: Information stored in computers

🔤 Fill the Crossword:

1011 011 01 101

Word 1: Artificial ____

Word 2: What programmers write

Word 3: An error in a program

Word 4: Repeating structure

Word 5: Information stored in computers

🔤 Fill the Crossword:

A				

1011 011 01 101

Word 1: Repeating structure

Word 2: An error in a program

Word 3: What programmers write

Word 4: Artificial ____

Word 5: Information stored in computers

🔤 Fill the Crossword:

A	I			

Word 1: Information stored in computers

Word 2: An error in a program

Word 3: Artificial ___

Word 4: Repeating structure

Word 5: What programmers write

🔤 Fill the Crossword:

L				

1011 011 01 101

Word 1: An error in a program

Word 2: Artificial ____

Word 3: Repeating structure

Word 4: What programmers write

Word 5: Information stored in computers

abc Fill the Crossword:

A

Generator 🤖

Select Difficulty

hard ⌄

📝 Clues:

Word 1: Improving efficiency

Word 2: Learning in AI

Word 3: Function calling itself

Word 4: Data protection method

Word 5: Type of AI network

🔤 Fill the Crossword:

M

1011 011 01 101

Generator 🤖

Select Difficulty

hard ⌄

📝 Clues:

Word 1: Learning in AI

Word 2: Function calling itself

Word 3: Type of AI network

Word 4: Data protection method

Word 5: Improving efficiency

🔤 Fill the Crossword: 🔗

</ Final Draft \>

Can you beat the AI? <Spoiler: You Can't! 😁

Koi sawaal ? AI already   sabke jawaab scramble kar chuka hai ! 😎

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