

LMSYS Chatbot Arena: Benchmarking LLMs in the Wild

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 **NEWS: We got a shorter URL! Reach us via lmarena.ai**

Rules

- Ask any question to two chosen models (e.g., ChatGPT, Gemini, Claude, Llama) and vote for the better one!
- You can chat for multiple turns until you identify a winner.

Choose two models to compare

claude-3-5-sonnet-20240620

claude-3-opus-20240229

Expand to see the descriptions of 65 models

Model A

Model B

Create a Space Invaders game with player controls, shooting mechanics, and enemy invaders.

Create a Space Invaders game with player controls, shooting mechanics, and enemy invaders.

Here's a basic implementation of a Space Invaders-style game using Python and Pygame. This example includes player controls, shooting mechanics, and enemy invaders:

```
import pygame
import random

# Initialize Pygame
pygame.init()

# Set up the display
WIDTH = 800
HEIGHT = 600
screen = pygame.display.set_mode(WIDTH, HEIGHT)
pygame.display.set_caption("Space Invaders")

# Colors
```

Here's a simple implementation of a Space Invaders game using Python and the Pygame library:

```
import pygame
import random

# Initialize Pygame
pygame.init()

# Set up the game window
width, height = 800, 600
screen = pygame.display.set_mode(width, height)
pygame.display.set_caption("Space Invaders")

# Define colors
WHITE = (255, 255, 255)
BLACK = (0, 0, 0)

# Set up the player
```

 A is better

 B is better

 Tie

 Both are bad

 Enter your prompt and press ENTER

Send

 Clear history

 Regenerate

 Share

Parameters

Terms of Service

Users are required to agree to the following terms before using the service:

The service is a research preview. It only provides limited safety measures and may generate offensive content. It must not be used for any illegal, harmful, violent, racist, or sexual purposes. Please do not upload any private information. The service collects user dialogue data, including both text and images, and reserves the right to distribute it under a Creative Commons Attribution (CC-BY) or a similar license.

Please report any bug or issue to our [Discord](#)/arena-feedback.

Acknowledgment

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