

M-Shots Lab

Overview

The purpose of this experiment was to test the AI's capacity to categorize movie reviews as either positive, negative, or neutral. The AI was guided in comprehending various review tones by a structured prompt with specified instances.

Results of Classification Performance

Extreme sentiment cases (either extremely positive or extremely negative) were accurately detected by the AI.

Mixed-opinion reviews—such as those that praised the images but criticized the narrative—were occasionally misclassified.

Obstacles Encountered

Complexity in Mixed Reviews: For instance, "The story felt uninspired and predictable, despite the magnificent visuals."

Depending on minute variations in language, the AI occasionally categorized this as negative and other times as neutral.

Subjectivity and Sarcasm: "Wow, another movie with a 'unique' storyline... exactly like all the others," for instance.

Because it had trouble identifying sarcasm, the AI labeled this as neutral rather than negative.

Important Points

The system's explicit examples lead to increased accuracy.

Introducing a weight-based approach, in which both positive and negative qualities are measured prior to final classification, is one potential answer.