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(57) Abstract :

The invention discloses an AI-based platform for detecting hate speech in online communities. It comprises a data collection module (101), preprocessing unit (102), NLP feature extractor (103), deep learning classifier (104), community feedback loop (105), and visualization dashboard (106). The system applies machine learning to identify, categorize, and report hate speech, continuously improving through moderator feedback and adaptive learning mechanisms, ensuring scalable, real-time, and explainable moderation of harmful online content.

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