AI in Literary Criticism and Text Analysis: Identifying Trends and Themes

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Abstract

The integration of Artificial Intelligence (AI) into literary criticism and text analysis has opened new pathways for understanding and interpreting literature. This paper explores the role of AI in identifying trends, themes, and patterns across vast literary corpora. By utilizing Natural Language Processing (NLP) and machine learning algorithms, AI tools can analyse texts for recurring motifs, stylistic elements, sentiment, and cultural influences with unprecedented speed and accuracy. Additionally, AI-powered models enable comparative studies across time periods, genres, and authors, revealing subtle intertextual connections and evolving literary trends. This approach enhances traditional literary criticism by offering quantitative insights while complementing subjective human interpretation. However, challenges such as algorithmic biases, the loss of contextual nuances, and ethical considerations in automated analysis must be addressed. The study concludes by emphasizing the potential of AI to augment the field of literary studies, making it more inclusive, data-driven, and expansive in scope.