Patent Search

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Abstract:

The proposed invention introduces a method and system for automated plagiarism detection using artificial intelligence (AI) and deep learning techniques. Plagiarism prevalent issue that undermines the integrity of intellectual property. The method involves preprocessing textual content, extracting meaningful features, training a d model on a corpus of known sources, and comparing features to detect instances of plagiarism. The system offers advantages such as improved accuracy, efficiency, and multilingual support. It automates the detection process, handles large volumes of data, and integrates with existing workflows. The proposed invention provides comprehensive solution to combat plagiarism, promoting academic integrity and protecting intellectual property rights.

Complete Specification

Description:The present invention relates to the field of information technology and, more specifically, to a method and system for automated plagiarism detection artificial intelligence (AI) and deep learning techniques. Plagiarism is a significant issue in academia, publishing, and various industries, where the unauthorized use others' work without proper attribution undermines the integrity of intellectual property. Existing plagiarism detection methods often rely on manual analysis or ru algorithms, which are time-consuming and limited in their ability to identify sophisticated instances of plagiarism.

Background of the invention:

The proposed invention, titled "Method and System for Automated Plagiarism Detection Using Artificial Intelligence and Deep Learning," revolutionizes the field of plagiarism detection by harnessing the power of artificial intelligence and deep learning techniques. Plagiarism, the act of using someone else's work without prope acknowledgment, is a pervasive issue in academia, publishing, and various industries. Detecting instances of plagiarism manually or with rule-based algorithms can time-consuming, subjective, and often ineffective in identifying sophisticated cases.

The invention aims to address these limitations by automating the process of plagiarism detection using advanced AI and deep learning algorithms. By leveraging th capabilities of these technologies, the proposed method significantly improves the accuracy, efficiency, and scalability of plagiarism detection.

The method begins with data preprocessing, where the textual content, such as documents, articles, or academic papers, is cleaned, standardized, and converted in suitable format for analysis. This step ensures that the subsequent stages operate on uniform data, enabling effective comparison and identification of similarities anomalies

View Application Status