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(57) Abstract :
 Disclosed herein is an AI-enhanced compliance monitoring and reporting in regulatory frameworks system (100) comprises a data acquisition module (102) configured to collect data from various sources relevant to regulatory compliance, including internal databases, external regulatory bodies, and real-time operational data. The system includes a data processing module (104) that employs artificial intelligence algorithms, including machine learning and natural language processing, to analyze the collected data for compliance with regulatory requirements. The system also includes a monitoring module (106) that continuously tracks compliance status in real-time by comparing the analyzed data against predefined regulatory standards and identifying potential breaches or areas of non-compliance. The system also includes a reporting module (108) designed to generate comprehensive compliance reports, detailing compliance status, identified risks, and suggested corrective actions, and capable of producing these reports in formats suitable for regulatory submissions.

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