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(51) International classification	:G06F0021620000, H04L0009400000, G06F0040300000, G06N0020000000, G06N0005045000	(71) <b>Name of Applicant :</b> <b>1)NOIDA INSTITUTE OF ENGINEERING &amp; TECHNOLOGY</b> Address of Applicant :19, Knowledge Park-II, Institutional Area, Greater Noida – 201306, Uttar Pradesh, India. Uttar Pradesh India
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(57) Abstract :

The present invention discloses an AI-enabled tool for detecting online privacy violations, comprising a data monitoring engine (101), AI anomaly detector (102), NLP analyzer (103), compliance engine (104), alert system (105), and user interface (106). The tool identifies unauthorized data use, misleading policies, and non-compliant actions in real time. By integrating anomaly detection, natural language analysis, and regulatory compliance checks, the invention provides adaptive and transparent privacy protection. The system delivers real-time alerts, actionable insights, and explainable AI outputs, ensuring trust, compliance, and robust safeguarding of user data.

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