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(57) Abstract :

The present invention relates to an AI-based platform (100) for predictive policing and crime prevention, comprising a data collection unit (101), AI engine (102), hotspot detection module (110), decision-support module (120), and user interface module (130). The platform (100) integrates multi-source data, applies machine learning for predictive analysis, and generates crime hotspot maps with real-time alerts. An adaptive learning module (140) enhances prediction accuracy, while an integration layer (150) ensures interoperability. The invention improves crime prevention efficiency, resource allocation, and public safety.

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