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Challenges of AI in Intelligence Analysis: A 2025 Perspective

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Abstract:

Artificial intelligence (AI) is revolutionizing intelligence analysis by enabling real-time insight generation and large-scale data synthesis. However, its integration presents substantial hurdles involving explainability, bias, data reliability, new security vulnerabilities, regulatory ambiguity, reasoning limitations, and the challenge of legacy system modernization. This paper examines each challenge systematically and proposes practical recommendations to facilitate responsible, secure, and effective AI adoption in intelligence ecosystems.