

Transferable Adversarial Attacks, Data Governance, and Flood Relocation Analytics

LITERATURE SUMMARY - 11

Abstract

Transferable adversarial attacks reveal the vulnerability of intelligent systems that rely on shared representation spaces and cross-domain model generalization. These risks are relevant not only to computer security but also to recommendation, biomedical analysis, and disaster-policy analytics. Privacy-aware data governance architectures can help coordinate system design, access control, data separation, and lifelong adaptation. Sequential recommendation research contributes methods for dynamic user modeling, while biomedical injury studies provide a high-stakes evidence environment requiring reliable interpretation. Flood relocation analytics adds a public-policy setting where household heterogeneity and risk perception must be modeled carefully. This literature cluster positions adversarial robustness and data governance as foundational requirements for intelligent systems that support decision-making across personal, medical, and disaster contexts.

Keywords

pre-disaster relocation; agent-based model; flood disaster; household behavior; disaster governance; relocation planning; climate adaptation

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