



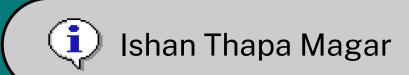




Clinical Decision-Making and 😈 Pattern Recognition in Healthcare















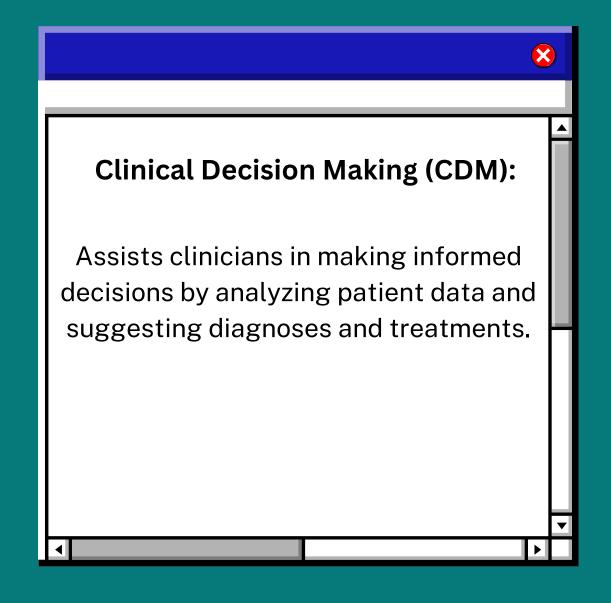


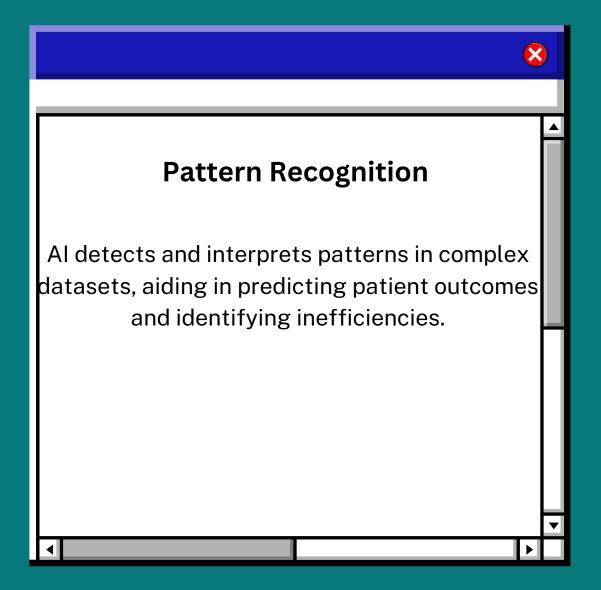


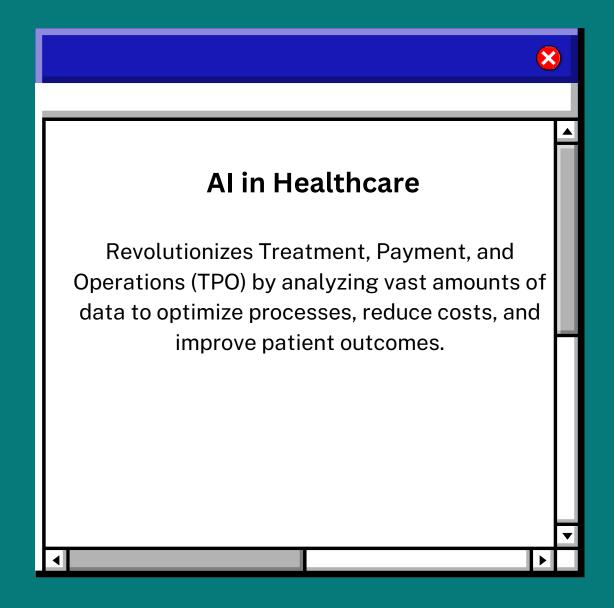




Topic Definition













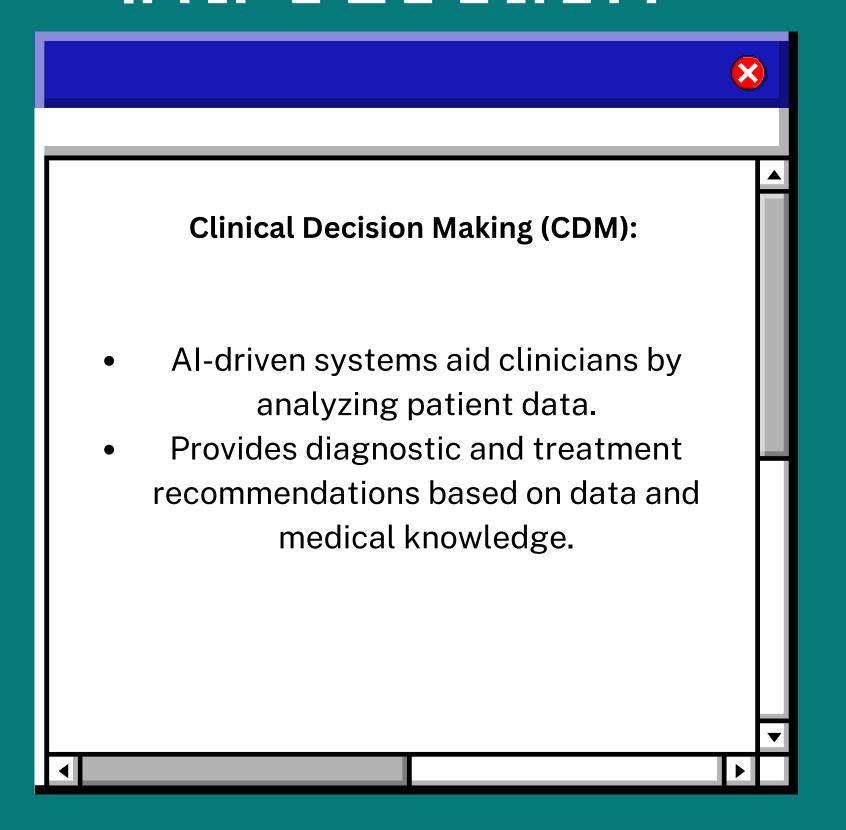


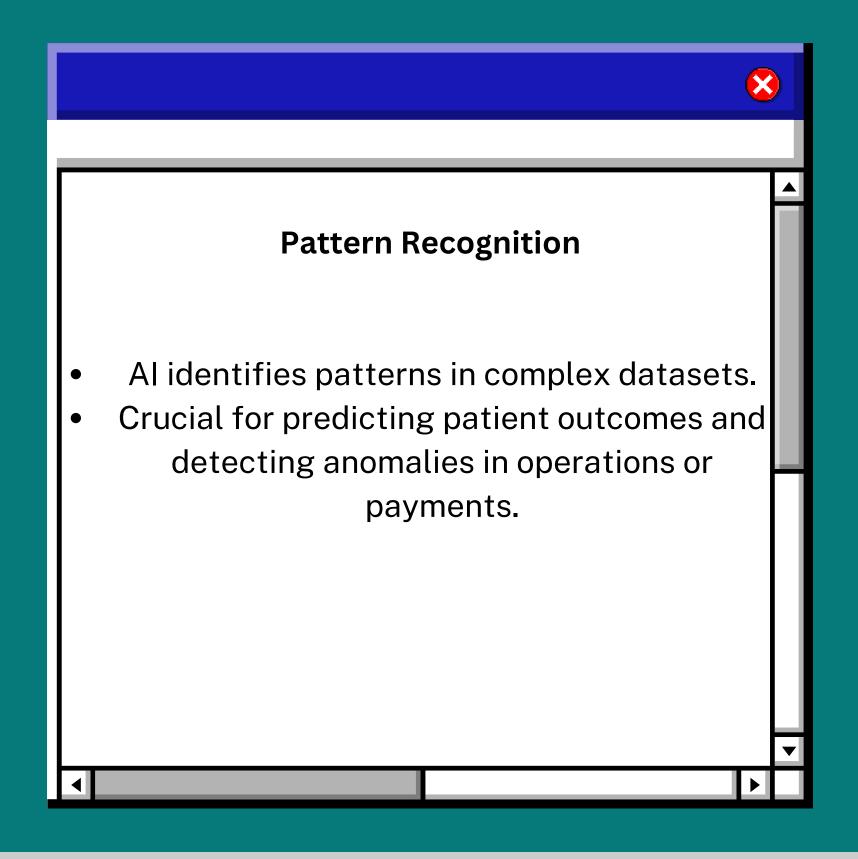






Introduction



















Key Al Technologies in **.....** Healthcare 🎎

- Chain Reasoning: Simulates clinicians' step-by-step decision-making processes.
- Agentic Generative Al: Generates clinical recommendations by synthesizing patient data and medical knowledge.
- Classification & Prediction: Categorizes patient conditions and predicts future health outcomes.
- Inference & Clustering: Draws conclusions from data and groups similar patient data points.

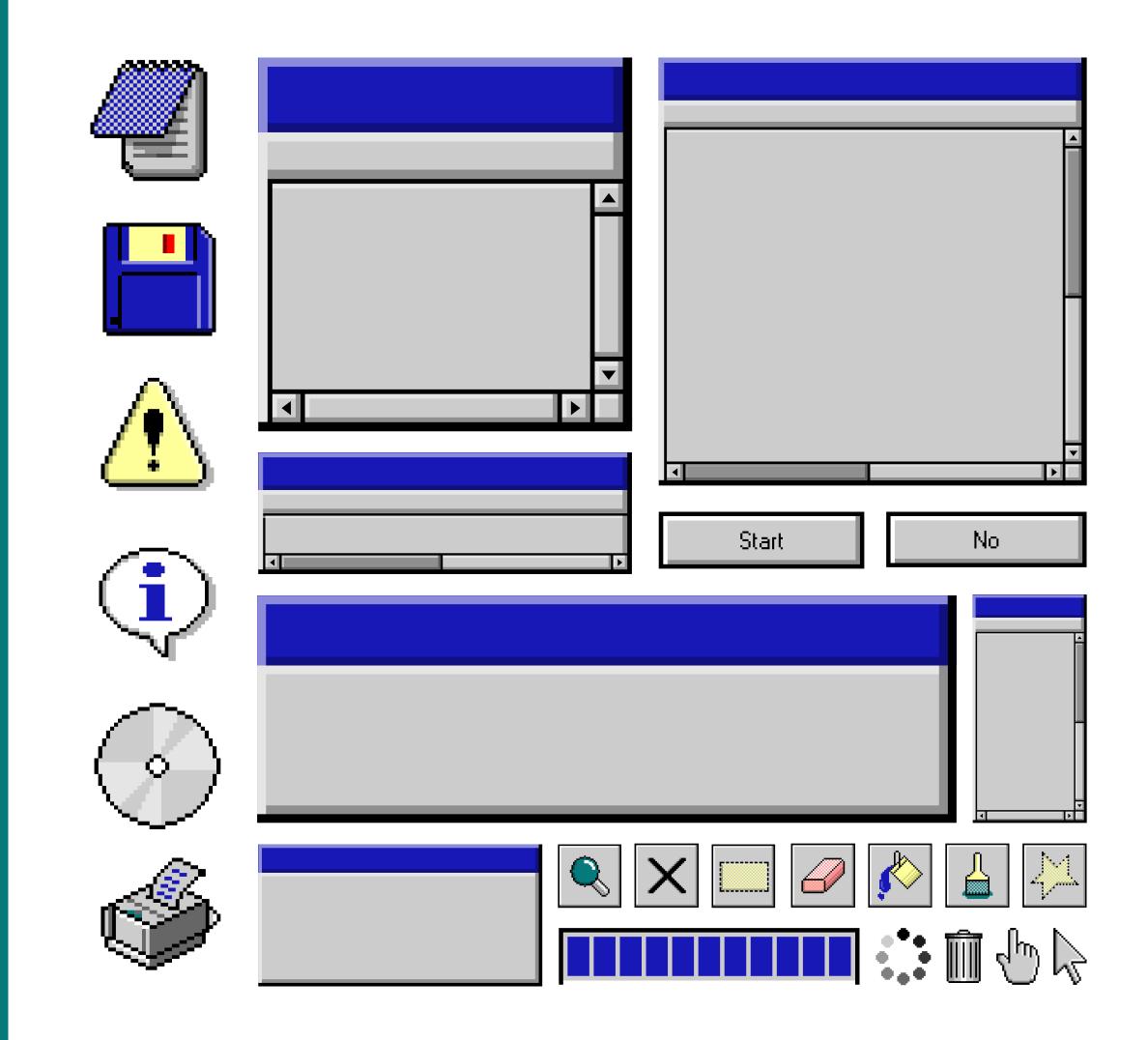
Time-Series Anomaly Detection: Identifies unusual patterns in sequential data (e.g., fraud in billing).



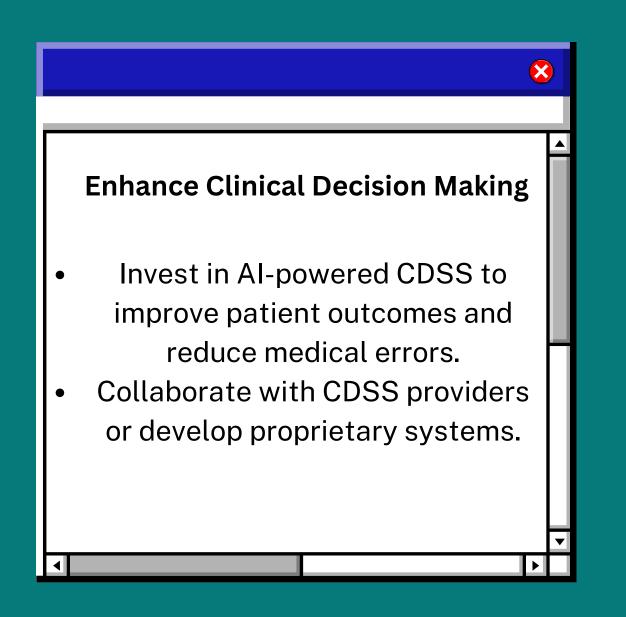
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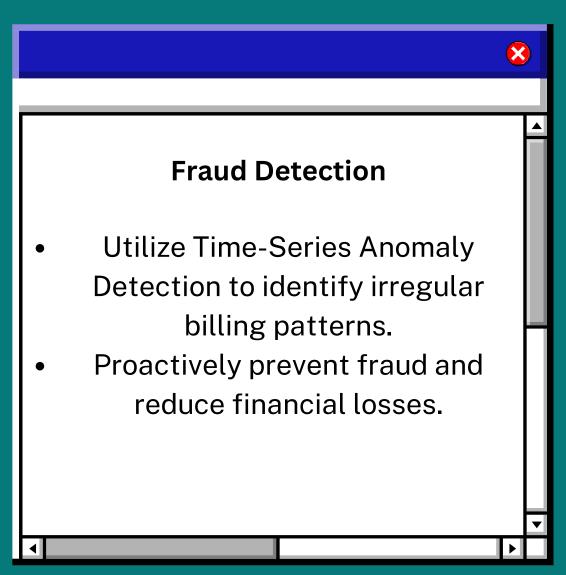
Trends in Al-Driven. Healthcare

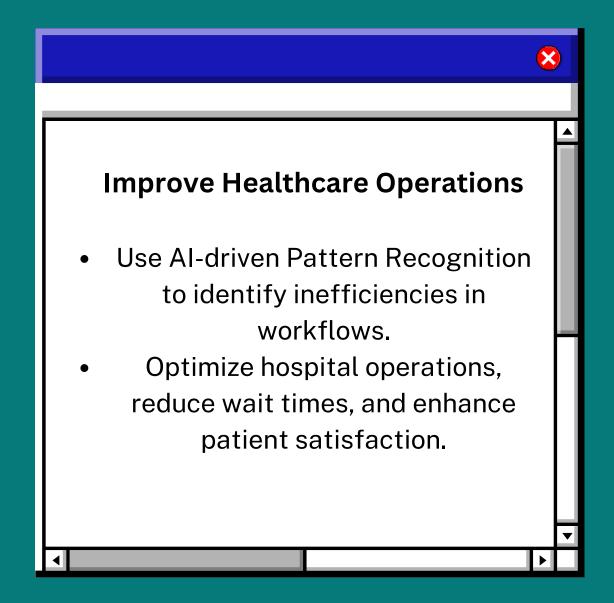
- Clinical Decision Support Systems
 (CDSS): Increasing adoption of Al powered systems providing real time recommendations.
- EHR Integration: Al integrated with Electronic Health Records (EHRs) improves diagnosis and treatment accuracy.
- Al in Payments: Automates claims processing and detects fraudulent activities through anomaly detection.
- Healthcare Operations: Al optimizes hospital resource allocation, patient flow, and reduces operational inefficiencies.



Opportunities for Cotiviti













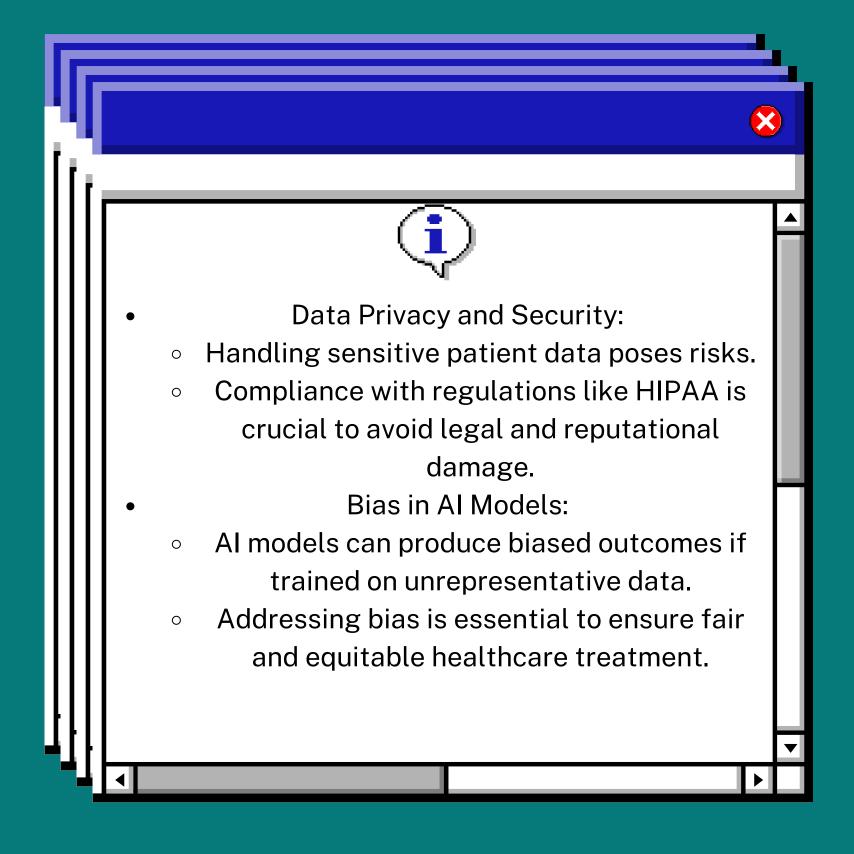






Threats and Challenges









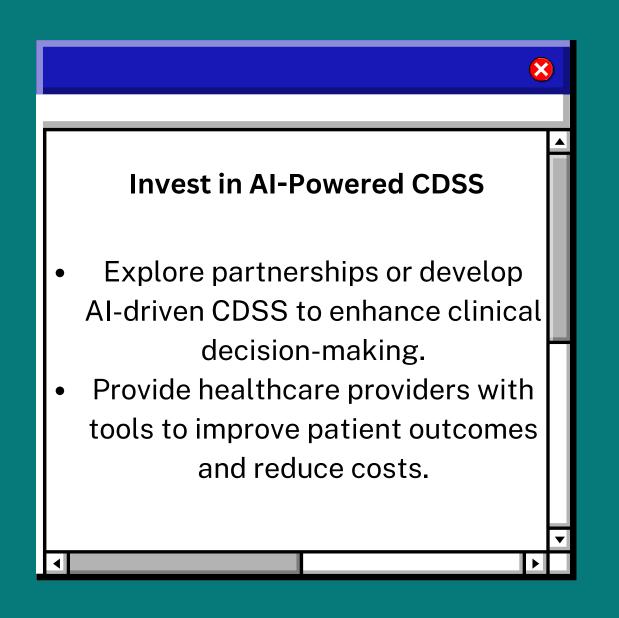


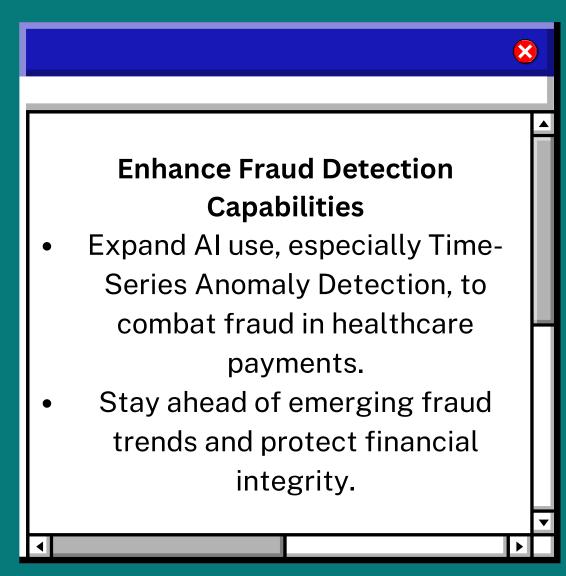


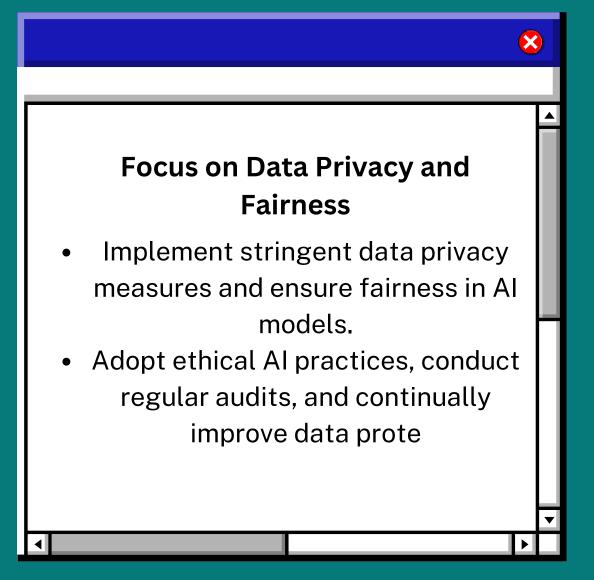




Strategic Recommendations



















Proof Of Concept

