AI-Driven Code Auditing
Clinical AI

Business Need & Use Case Overview

Audit processes of coded claims can be very time consuming and there are certainly more opportunities for efficiencies with related tasks.

Boston Children's Hospital partnered with Semantic Health to leverage their AI-powered coding auditing platform to conduct secondary reviews of coded claims and documentation data. The outputs are intended to identify opportunities for DRG optimization.

Ethical/Regulatory Considerations

Not disclosed

Archetype

Taker

AI Technique(s) Used

Natural Language Processing

Core System(s) Used

Not disclosed

Digital Solution(s) Used

Semantic Health

Implementation Stage

Piloting

Assessments

Risk	Complexity	Financial Impact
3/5	3/5	$$$

Challenges/Lessons Learned

Not disclosed

Initial Outcomes

- Improved DRG claim audit coverage
- Increased audit hit rate
- Increased audit efficiency
- Uncovered meaningful revenue opportunities

Source: Boston Children's Hospital presentation at Children's Hospital Association on November 6, 2023