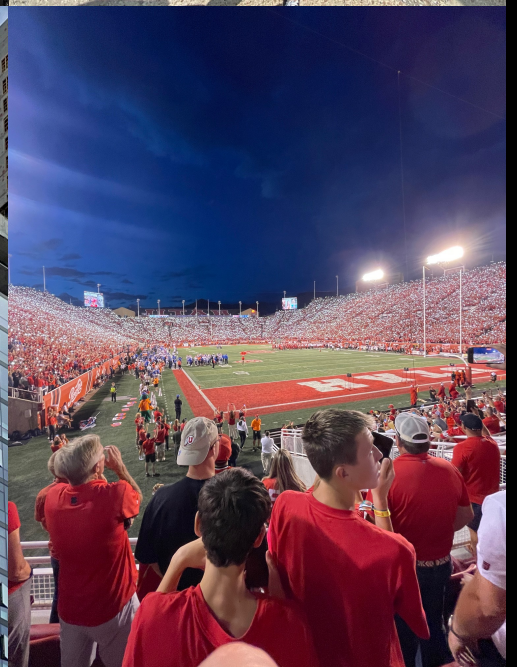
A.I. in Safety Tech

Lower risk through artificial intelligence

Jonah Lewis

Mojo AI



ABOUT ME

Family

Tech

Nashville

Safety

Sports

Mojo ai

What do we know about A.I.?

Chat GPT Exercise

What is A.I.?

Machine Learning

Examples: Social Media, Chatbots, Autonomous vehicles, etc.

Artificial Intelligence: systems capable of performing tasks that typically require human intelligence. These tasks empower machines to simulate and sometimes **exceed human cognitive abilities.**

Why A.I. in safety?

Risk Management: AI can help identify potential hazards by recognizing patterns.

Efficiency: Maximize working man hours

Data Analysis: Processing data for actionable insights.

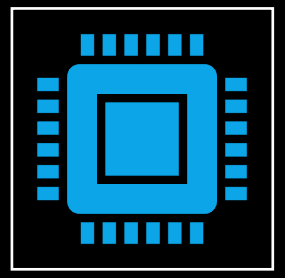
Conversational A.I.

A.I. in safety today?

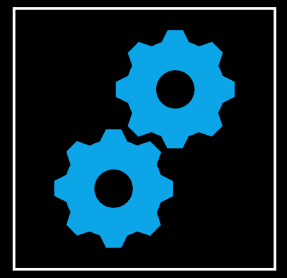
- Sensors and Cameras: Recognize site and behavior conditions.
- Machine Learning: Analyzes data to identify patterns and potential safety risks in the future
- Alerts and Notifications: Automated warnings for safety violations or hazards.

Types of A.I. in safety?

Predictive Analytics: Forecasting potential safety issues based on historical data.

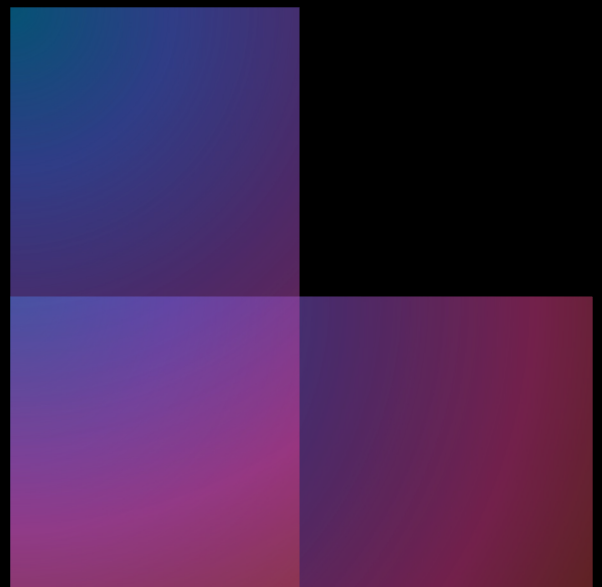


Computer Vision: Visual recognition for monitoring and detecting safety violations.



Hardware Technology: Smart safety gear with monitoring capabilities.

Applications in safety?



Hazard Detection: Identifying potential risks on the construction site.

Equipment Monitoring: Tracking equipment health and usage for maintenance.

Worker Safety: Monitoring worker movements and ensuring compliance.

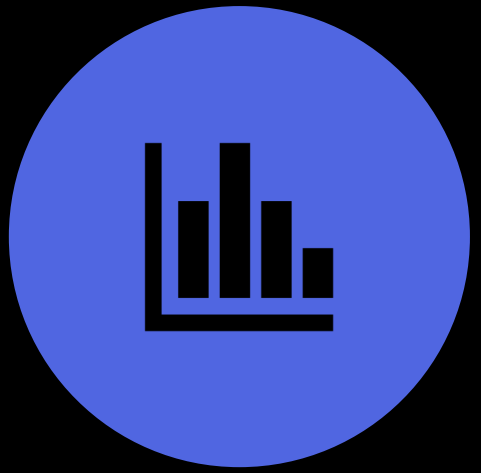
Benefits of A.I. in Safety?

Automated Reports

Conversational A.I.
(Forms & Dashboards)

Lowering Insurance from
comprehensive data

Automating Data Output (Insurance)



LEVERAGE ANALYTICS

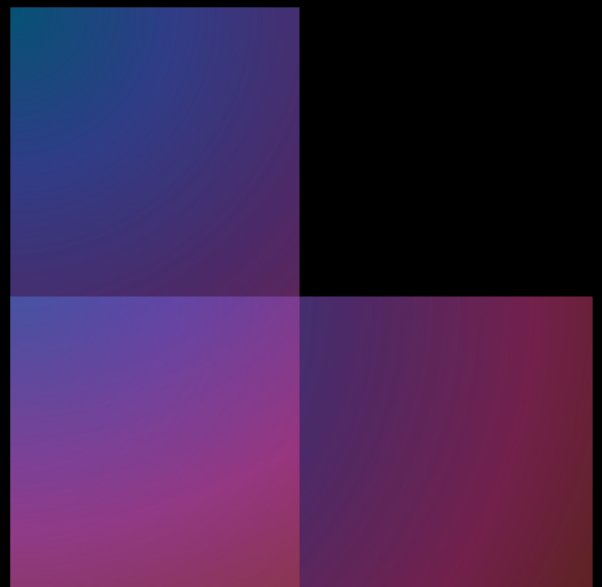
TRACKING WORKING MAN HOURS

Challenges

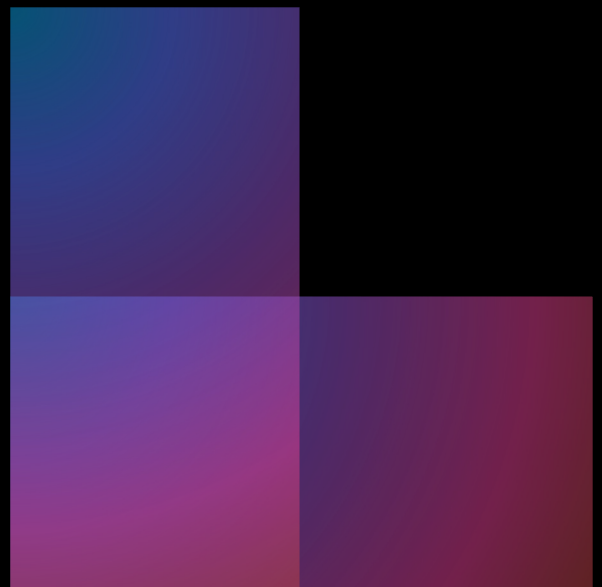
Costs: Initial investment in AI technology. Price customers out of use.

Data Security: Safeguarding sensitive information collected by AI systems. SOC2 Compliance.

Trust: Ensuring the program is tracking the necessary fields and objectives.



Future of A.I.



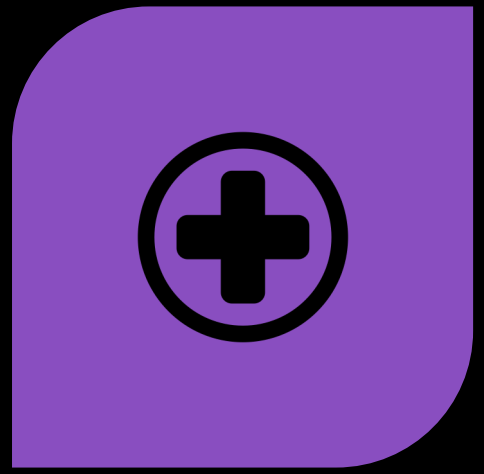
Video Compliance: Completely automated cameras recognizing, tracking, and reporting on compliance.

Hardware Devices integrating with Software/A.I.

Constantly evolving (Open A.I.)

KEYPOINTS

A.I. TOOLS BECOME MISSION CRITICAL



DATA RESOURCES TO LOWER INSURANCE RATES AND WORKERS COMP

Q&A SESSION

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