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Health and Safety with Watson
Improving worker safety with IBM Watson

Overview
IBM’s Health and Safety Insights with Watson helps clients analyze decades of safety data and in seconds extract crucial insight that would otherwise take hours, if not days of effort. Safety professionals are able to uncover root causes of similar incidents and learn about effective mitigation strategies.

How it works
Most Health and Safety systems only analyze structured data and therefore miss important latent indicators lying concealed within the written record. These indicators offer as much or more value as the leading and lagging indicators used today. Health and Safety Insights with Watson can extract and visualize this information from multiple data sources, using natural language processing. This allows the system to analyze the content and context of a Health and Safety event, much like humans do, but at much faster speeds.

Health and Safety Insights with Watson comes pre-trained on the Health and Safety domain. Collaboration across the industry will surface patterns and trends in events more effectively, identify potential future events and measures for prevention quickly, and provide capability for organizations to share custom modules and event data for continuous improvement.

Benefits
This solution improves health and safety in the workplace and prevent incidents by helping organizations:
- Reduce time to insight for health and safety analysts and operational teams.
- Enable proactive risk reduction by identifying root causes of prior incidents.
- Reduce reliance on collective corporate memory.
- Scale and augment Health and Safety expertise.