This session will start in the next 5 minutes.

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This session will start in the next 2 minutes.

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Avonmouth explosion

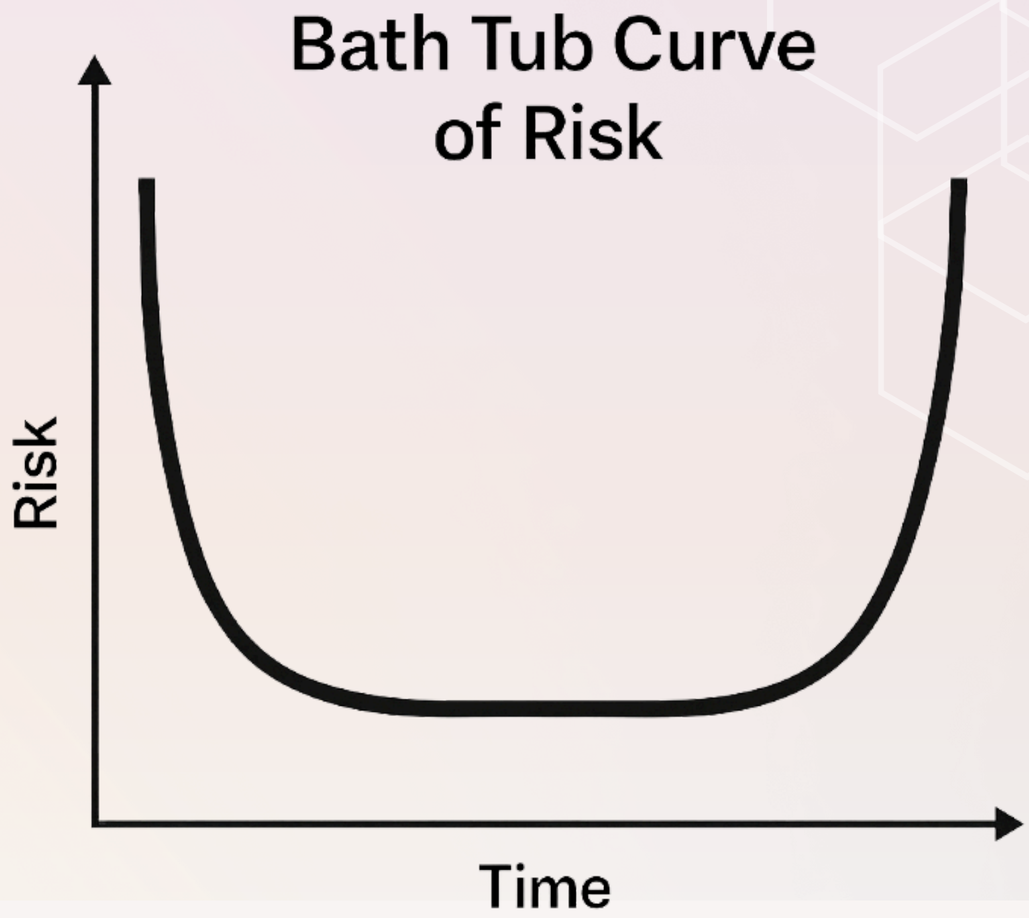


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AI must support safety, *not undermine it.*

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HSE
Health & Safety Executive

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Example 1 – HSE Inspection Preparation



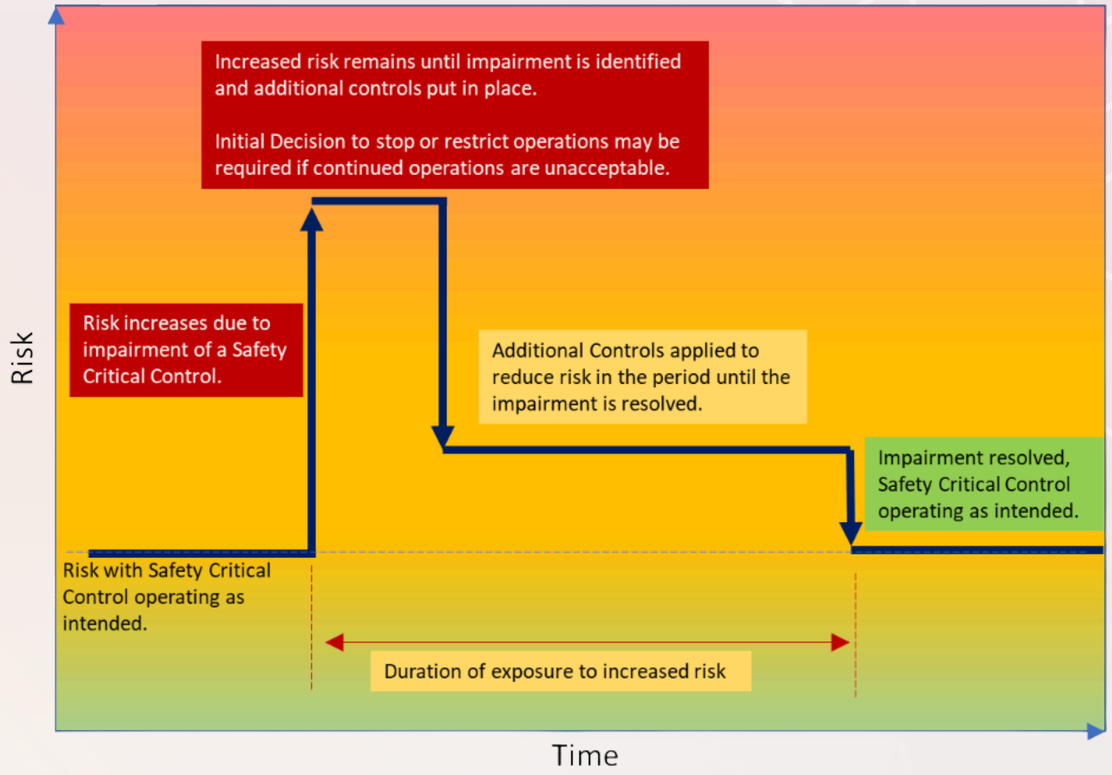
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Example 2 – Quality Checking Risk Assessments



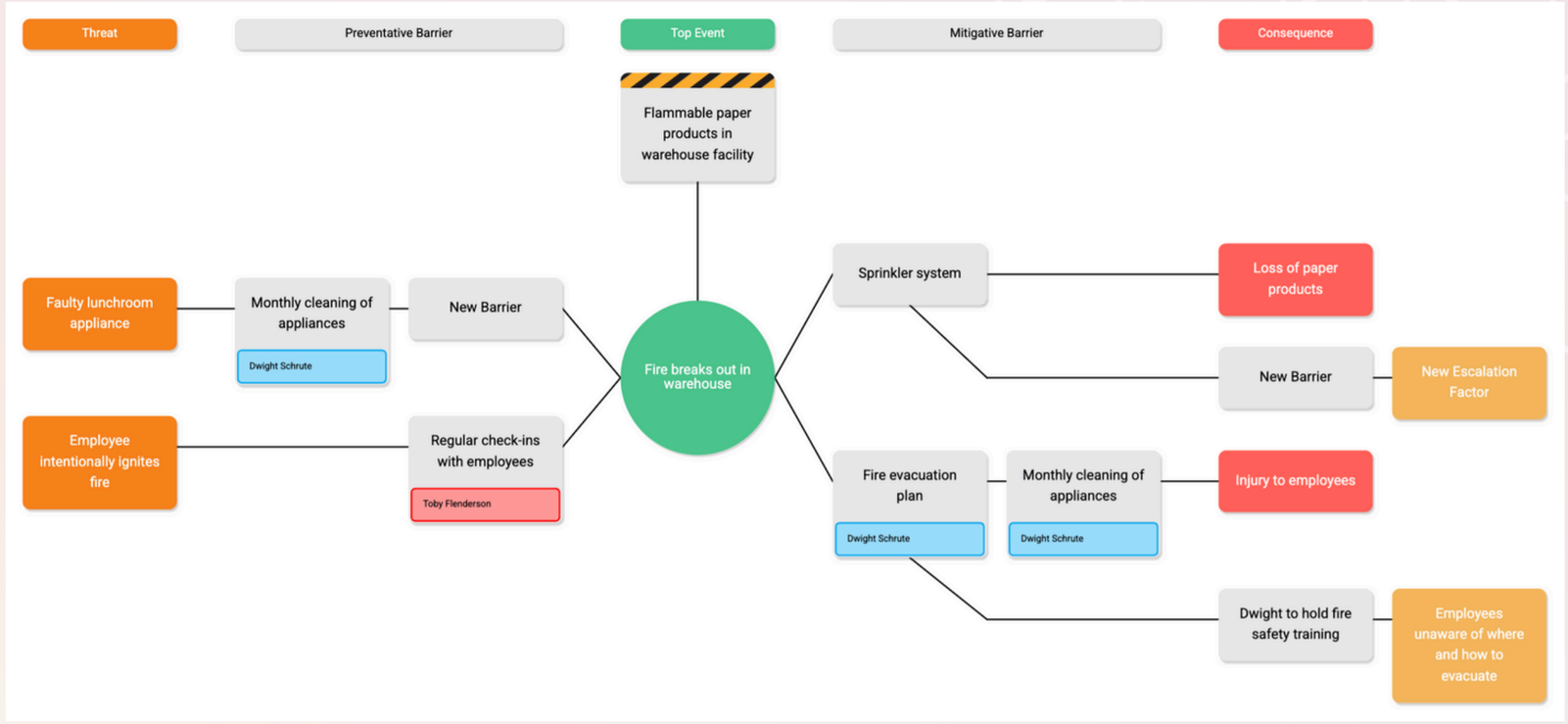
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Example 3 – Quality Check a Bowtie Diagram



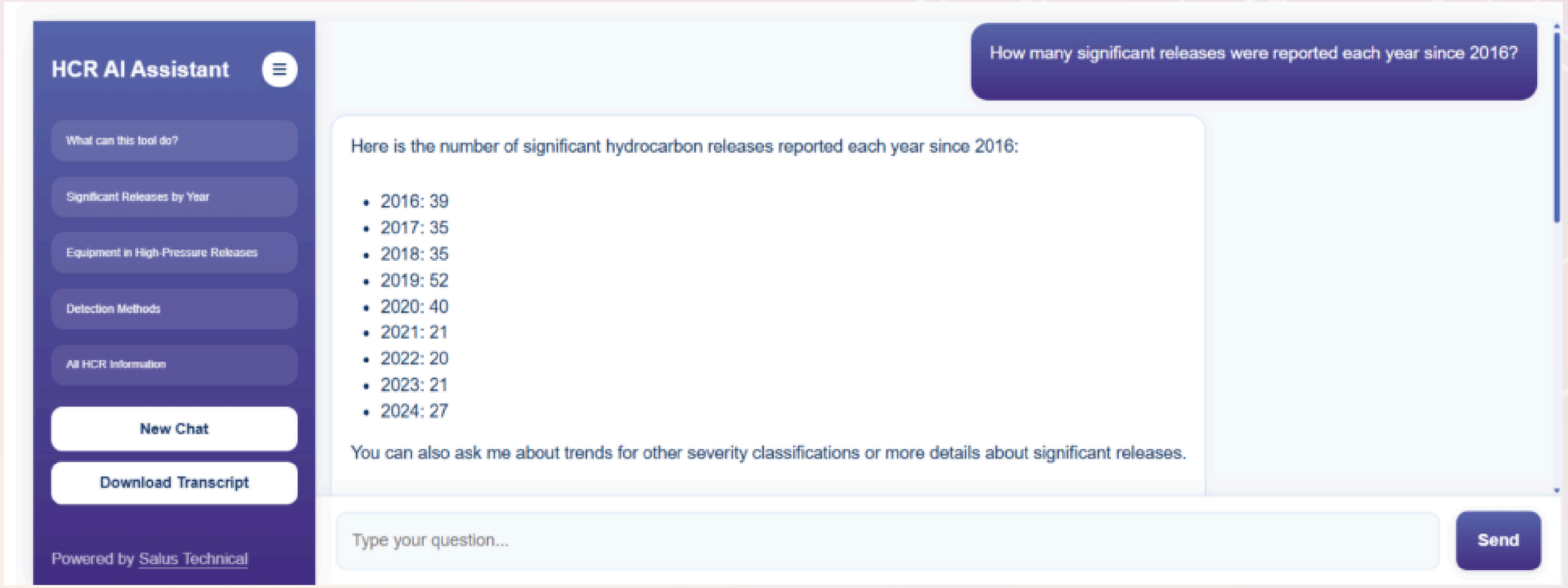
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Example 4 – Learn more from Incidents



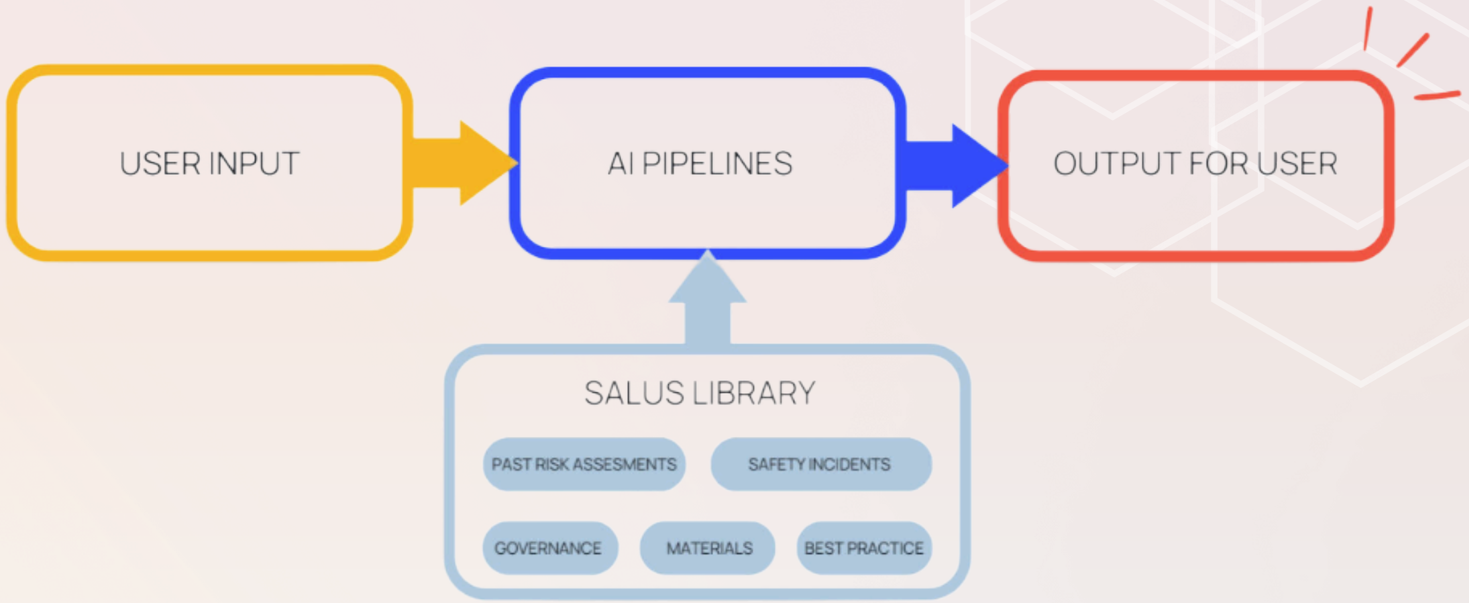
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Example 5 – Streamline HAZOPs and Other Risk Assessments



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AI Roadmap Narrative

1. Define objectives and engage stakeholders – Start with alignment, not algorithms.
2. Evaluate readiness – You can’t build on shaky ground.
3. Structure and prepare your data – AI is only as good as the data it sees.
4. Choose the right technology – Not every model suits every use case.
5. Secure your data – Treat AI like any other safety-critical system: encrypt, restrict, and audit.
6. Prototype in a safe space – Start small, fail safely, and learn quickly before scaling.
7. Build continuous improvement in – AI isn’t static, and neither is safety.
8. Strengthen governance – Define clearly when AI is advisory, when humans must override, and who owns the decisions.

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Thank you!

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