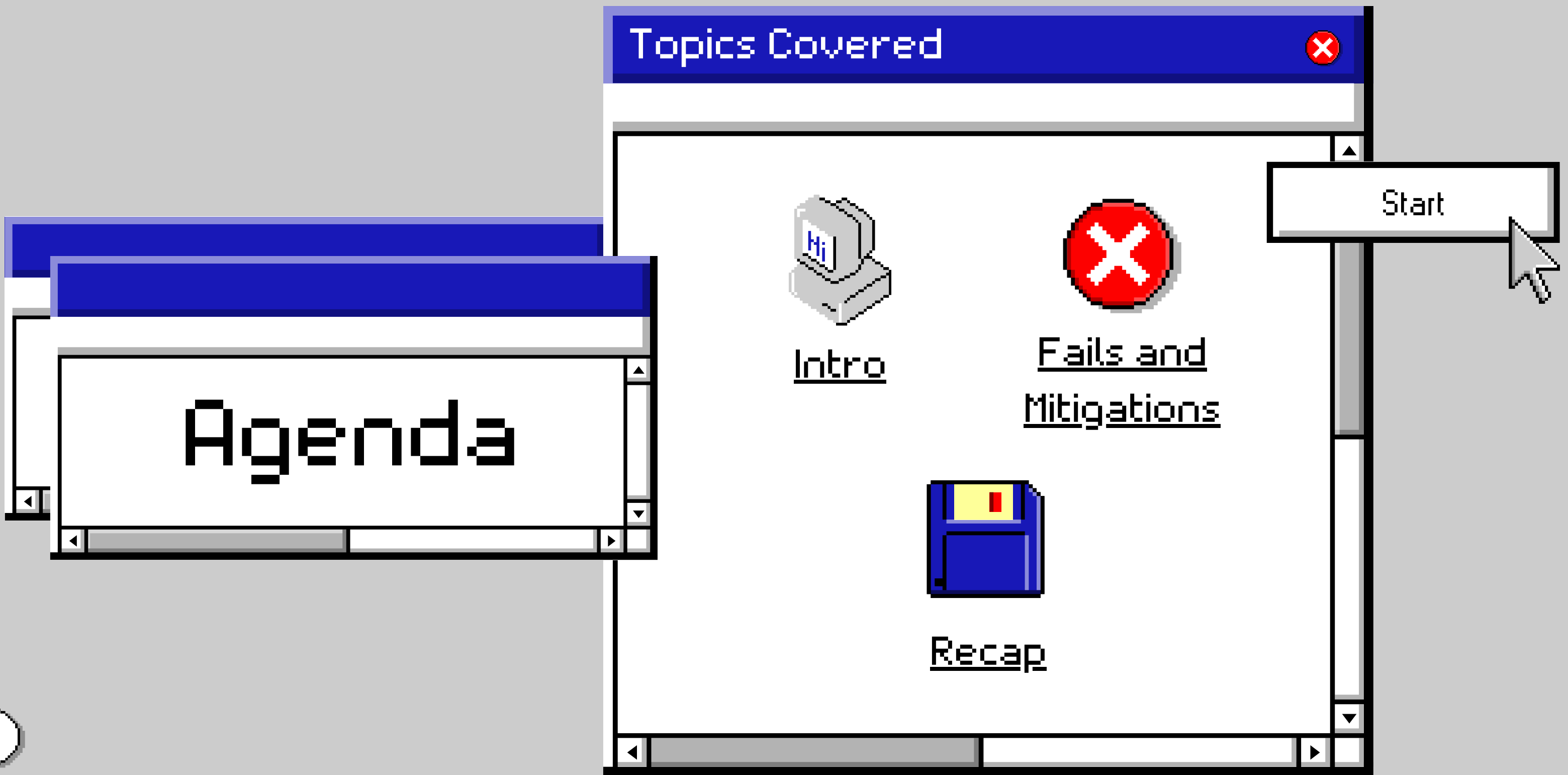


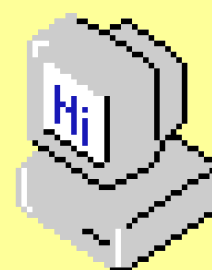
5 ways to fail scaling MLOps and Responsible AI within your organisation.



by Una Galyeva
Honest Data and AI Consulting

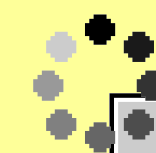
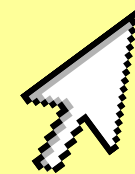






Intro

Start





@ models

Struggles to put in
production



@ models

Struggles to put in
production

1 model.

Struggles to operate in
production



0 models

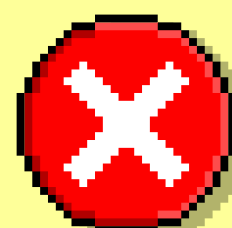
Struggles to put in
production

1 model

Struggles to operate in
production

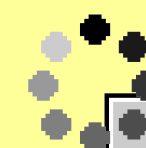
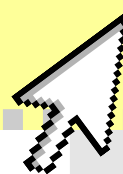
some
models

Struggles to standardize
and operate

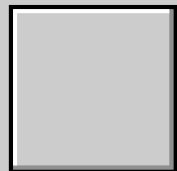
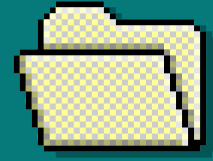


Fail 1:
MLOps is just
about tools

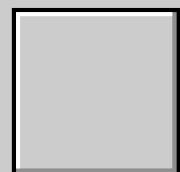
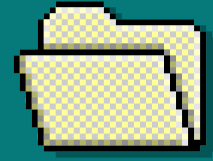
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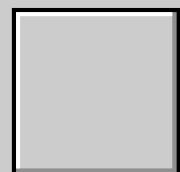
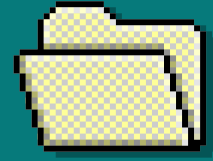
Observations



Observations

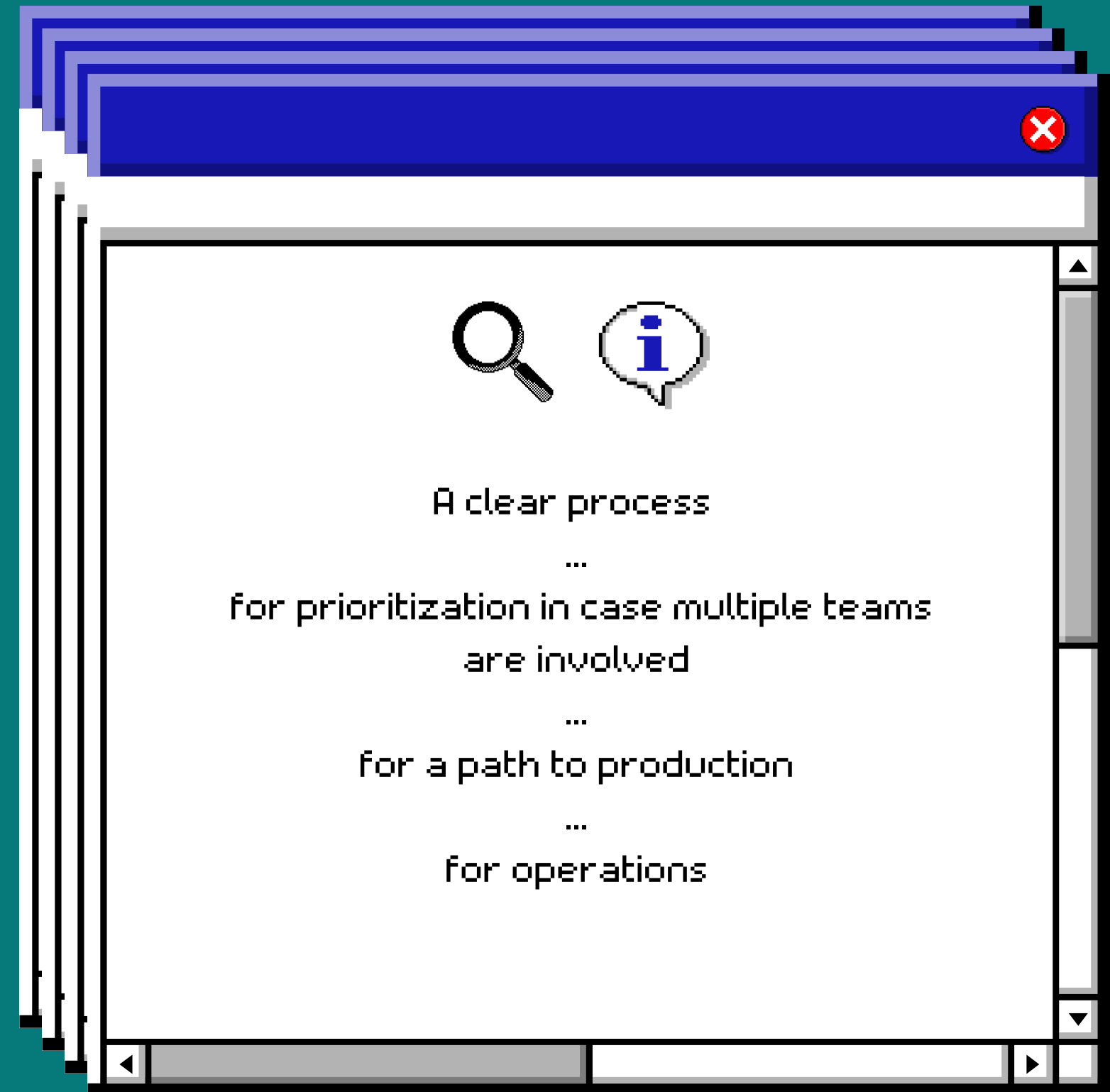


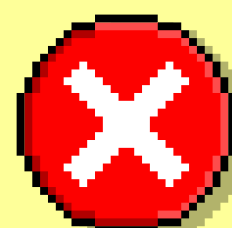
Observations



How to mitigate?

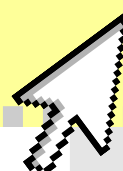
Start



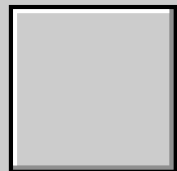
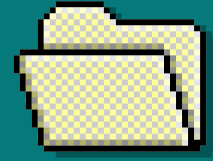


Fail 2:
Overengineered
MLOps

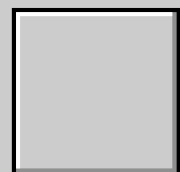
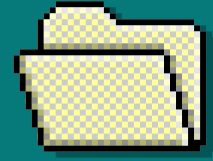
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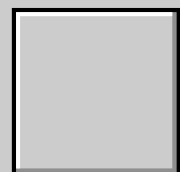
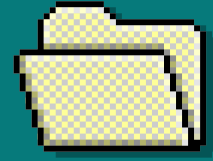
Observations



Observations

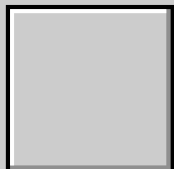


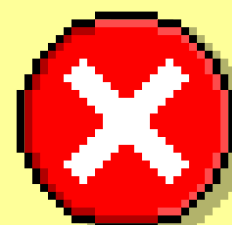
Observations



How to mitigate?

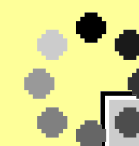
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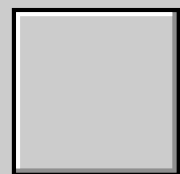
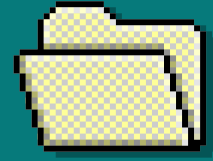


Fail 3:
Data
smuggling

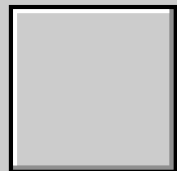
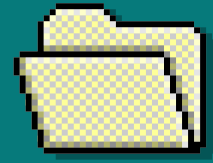
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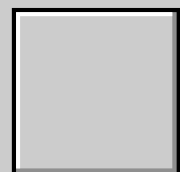
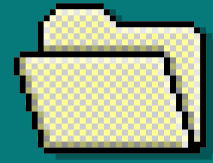
Observations



Observations

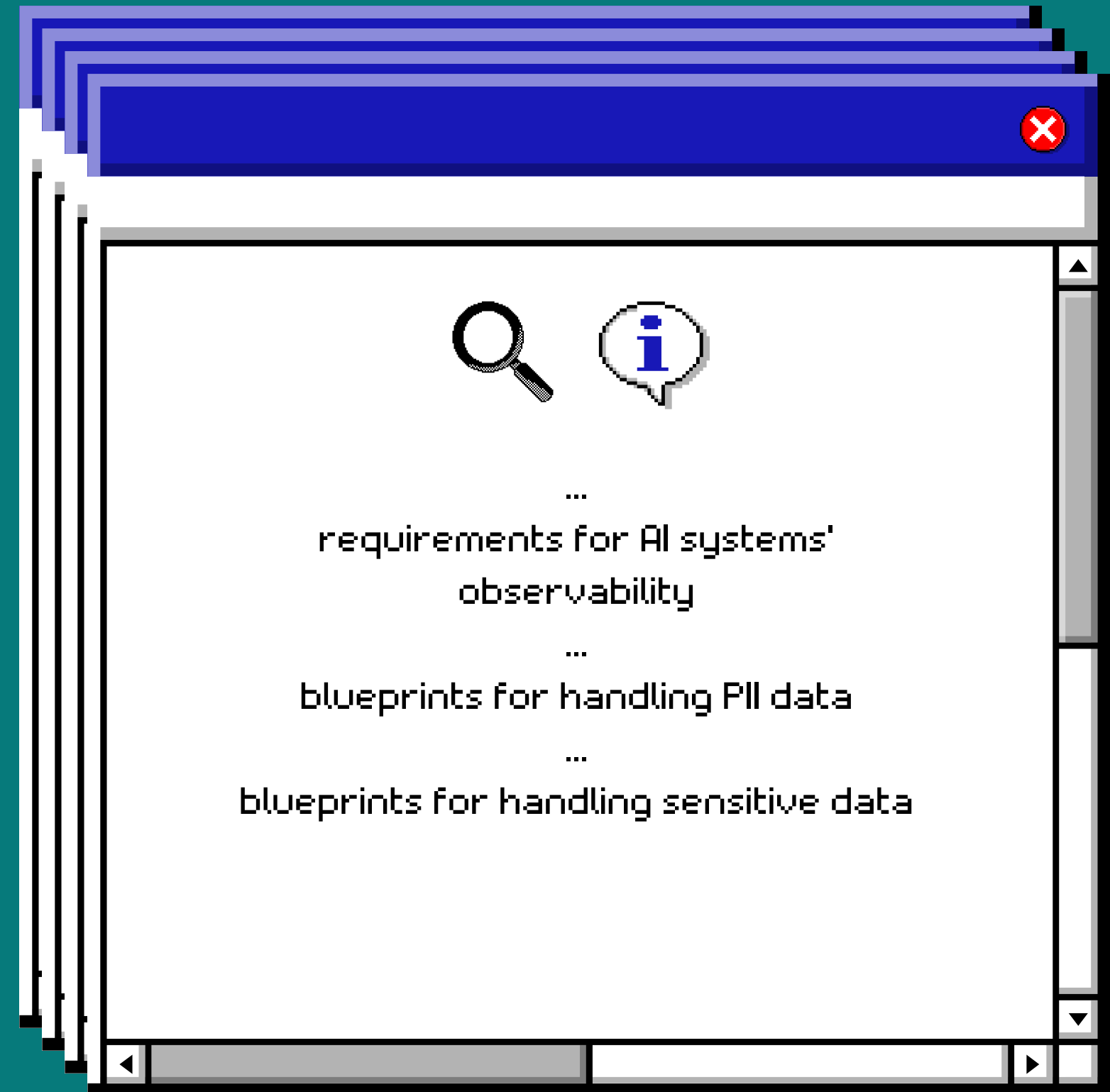


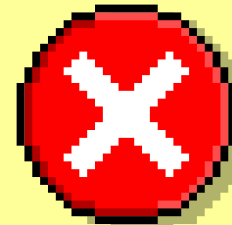
Observations



How to mitigate?

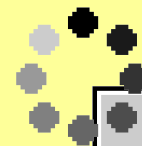
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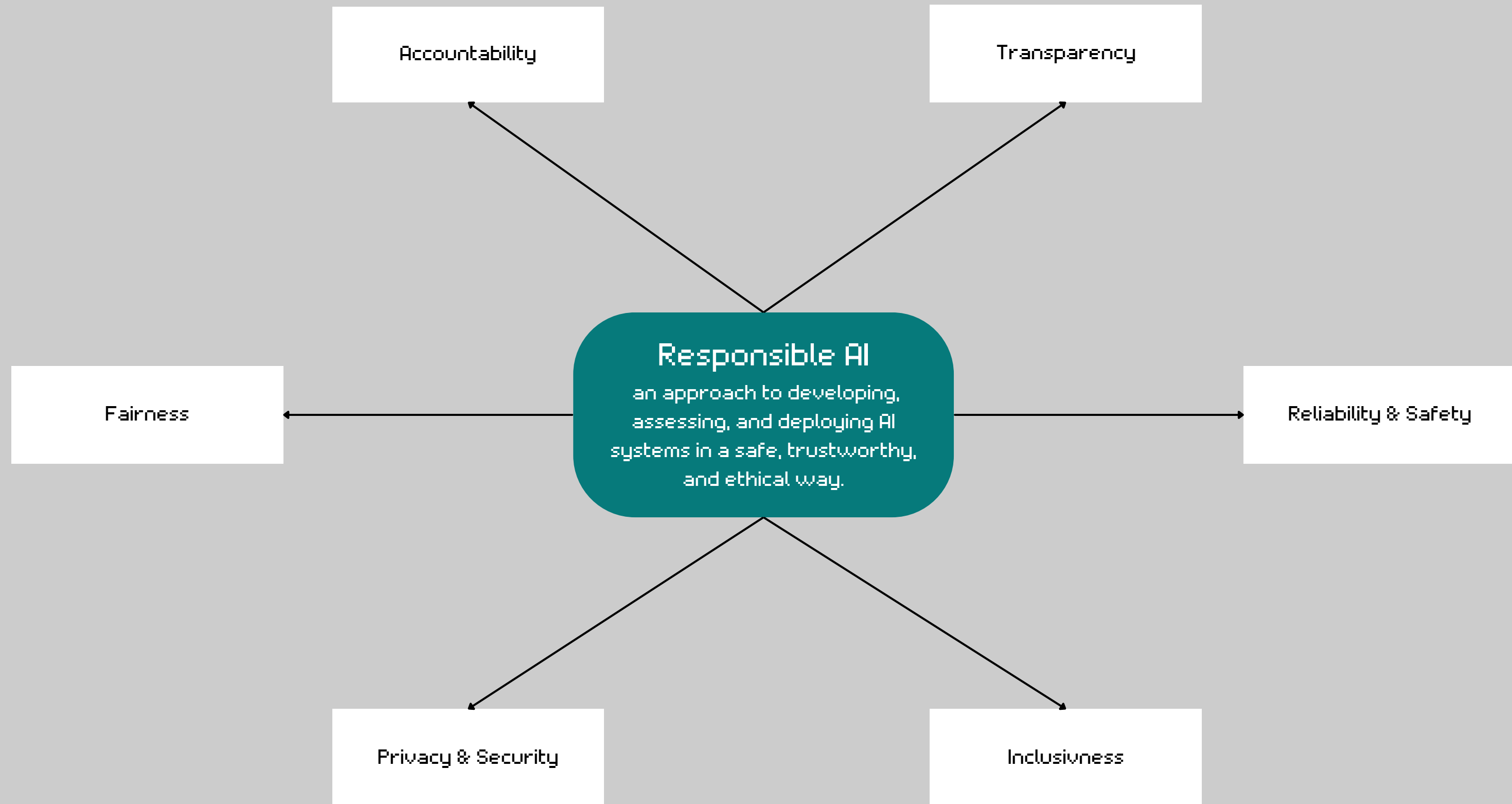




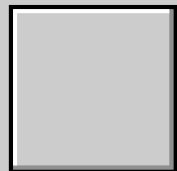
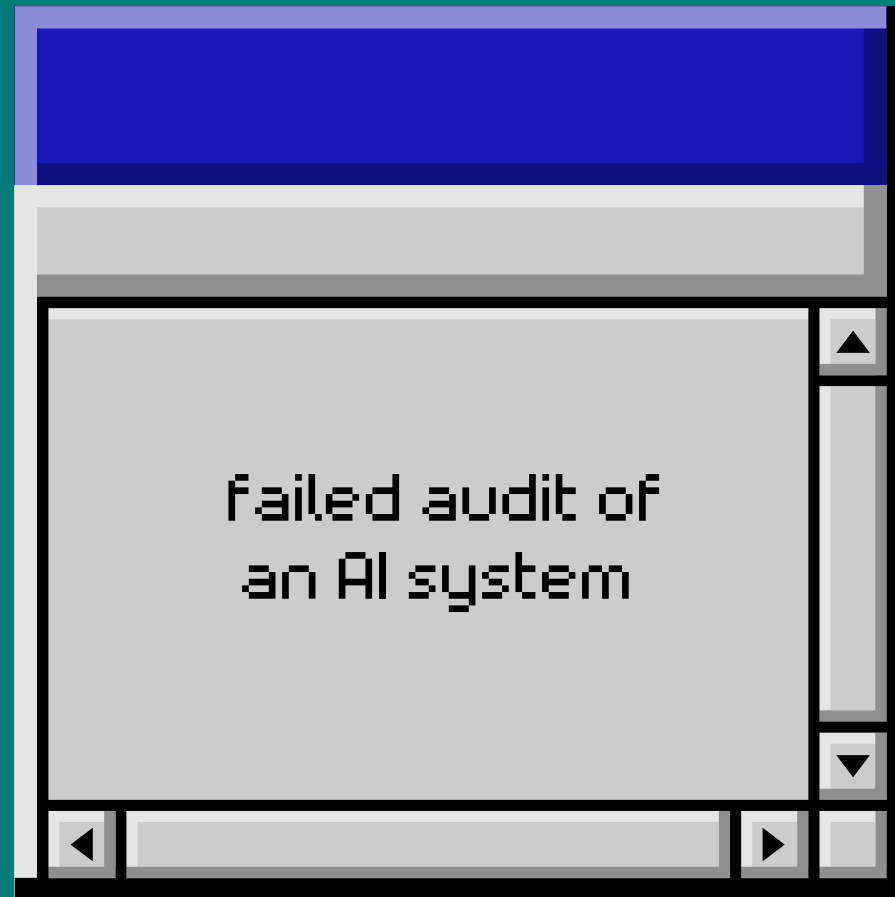
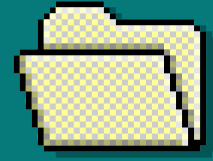
Fail 4:
Responsible AI
at the end of
your backlog

No

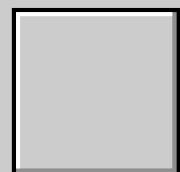
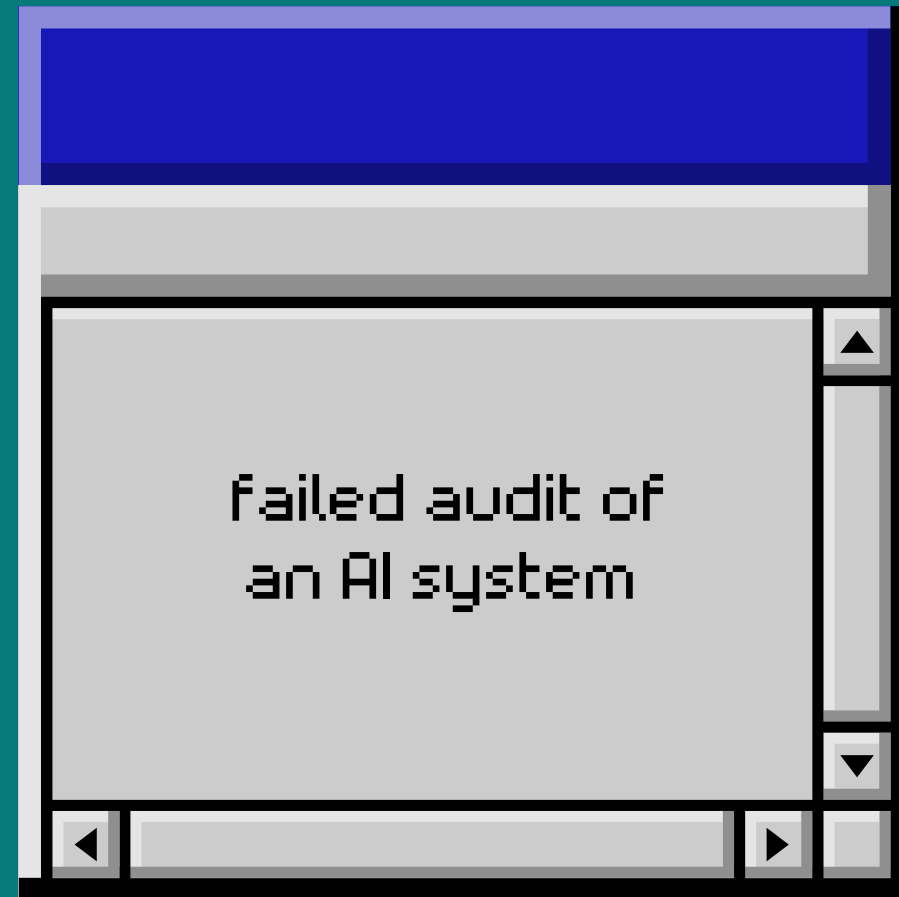
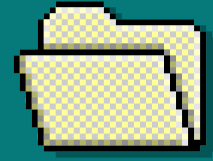




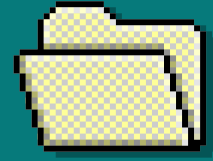
Observations



Observations



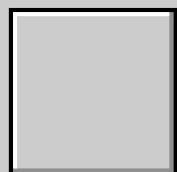
Observations



failed audit of
an AI system

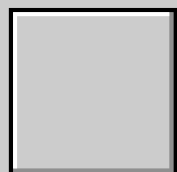
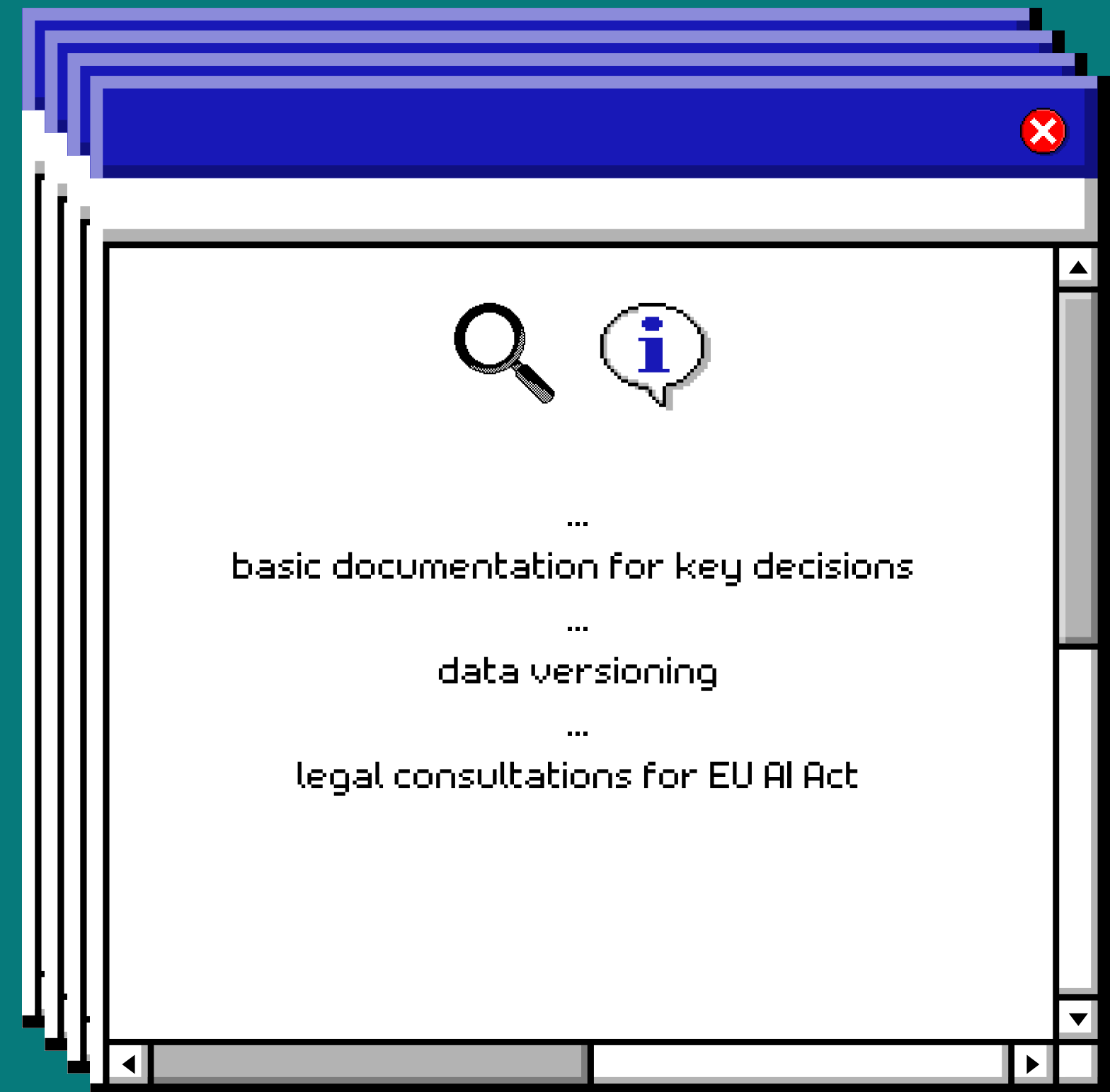
not
documented
key decisions

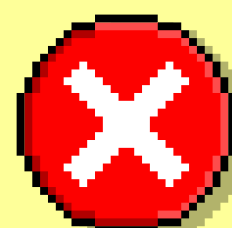
XAI is not one
SHAP diagram



How to mitigate?

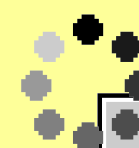
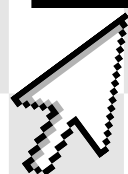
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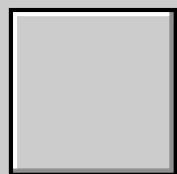
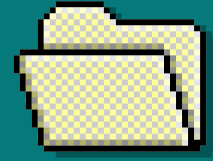


Fail 5:
FMOps and LLMOps
are fundamentally
different

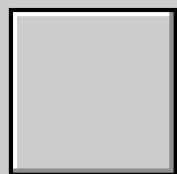
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Observations

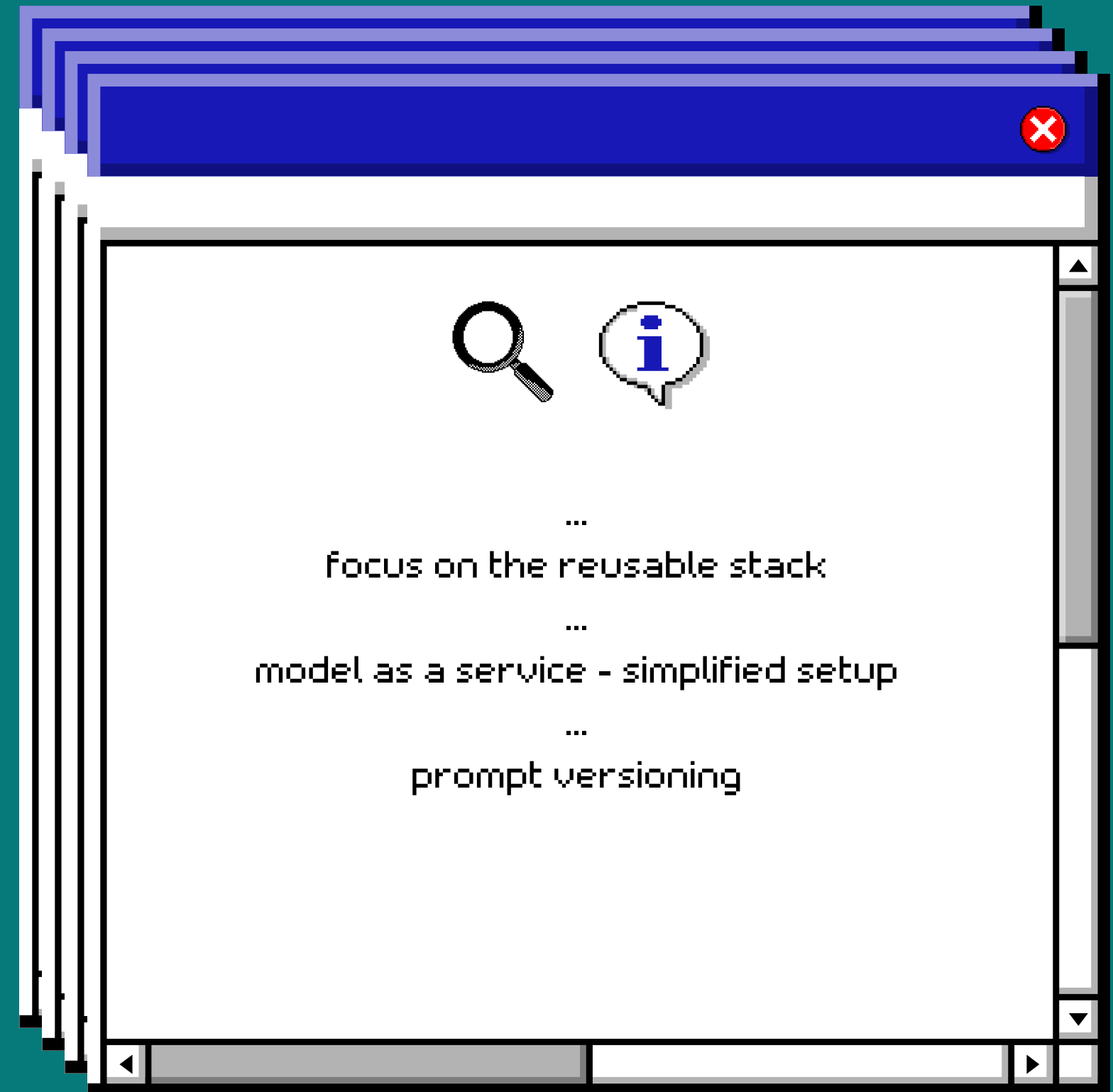


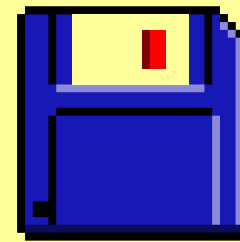
Observations



How to mitigate?

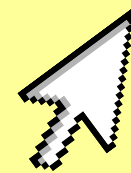
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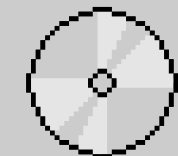




Recap





Start

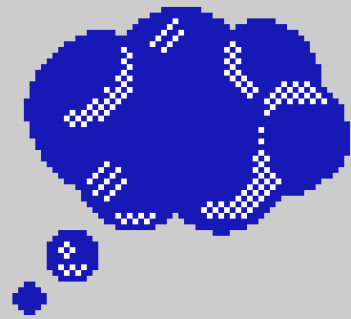




Fails and mitigations



 Fail 	 Mitigation 
MLOps is just about tools	<p>A clear process</p> <ul style="list-style-type: none">• for prioritization in case multiple teams are involved• for a path to production• for operations
Overengineered MLOps	<ul style="list-style-type: none">• knowledge sharing among teams• AI system design• roadmap and iterative development
Data smuggling	<ul style="list-style-type: none">• requirements for AI systems' observability• blueprints for handling PII data• blueprints for handling sensitive data
Responsible AI at the end of your backlog	<ul style="list-style-type: none">• basic documentation for key decisions• data versioning• legal consultations for EU AI Act
FMOps and LLMOps are fundamentally different	<ul style="list-style-type: none">• focus on the reusable stack• model as a service - simplified setup• prompt versioning



Thank you!

Let's stay in touch

