EDM Webinar

Ensuring Trust in the AI Era: Integrating LLMs with Data Catalogs

A conversation with

Bryon Jacob
CTO & Co-Founder
data.world

Dean Allemang
Principal Solutions Architect
data.world

data.world

EDM Council

Today's panel

Moderator

Eric Bigelsen
Head of Strategic Business Engagement
EDM Council

Bryon Jacob
Co-founder, CTO
data.world

Dean Allemang
Principal Solutions Architect
data.world

Thanks for joining the webinar!

What we'll cover today…

Agenda

→ Welcome and Introduction

→ Setting the Stage: The Importance of Trust in Enterprise Data

→ The Demo: Trust in Action

→ Achieving Trust with LLMs and Data Catalogs
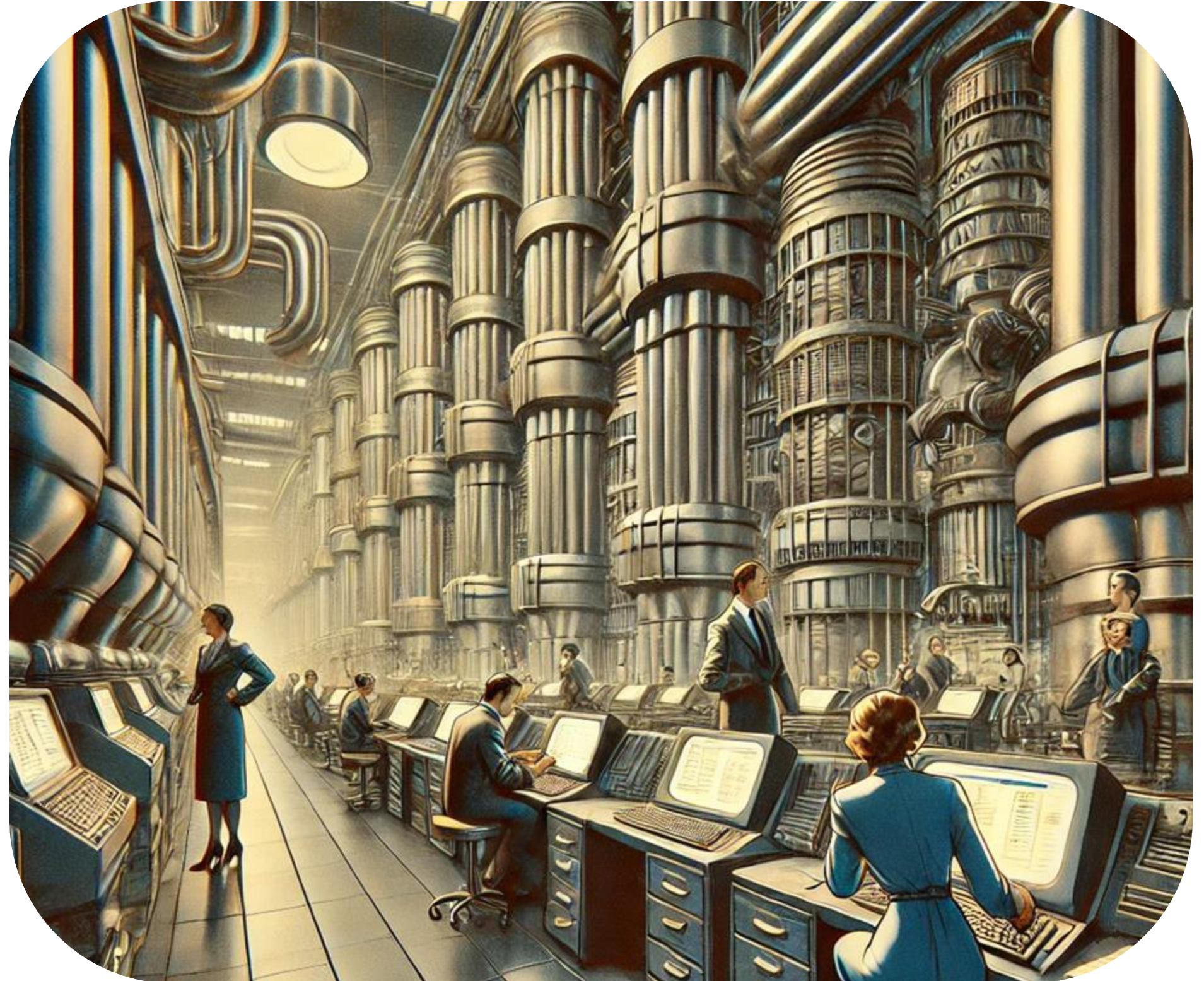
→ Q&A and Closing Remarks

Setting the Stage: Trust in Enterprise Data

In complex enterprise environments, trust in data is non-negotiable, especially for compliance and critical business decisions. Yet, this is challenging due to:

→ Disparate data sources.
→ Complex rules and regulations.
→ Human error and data mismanagement.

This is a problem **right now, today**, with **humans** and how we work with data.
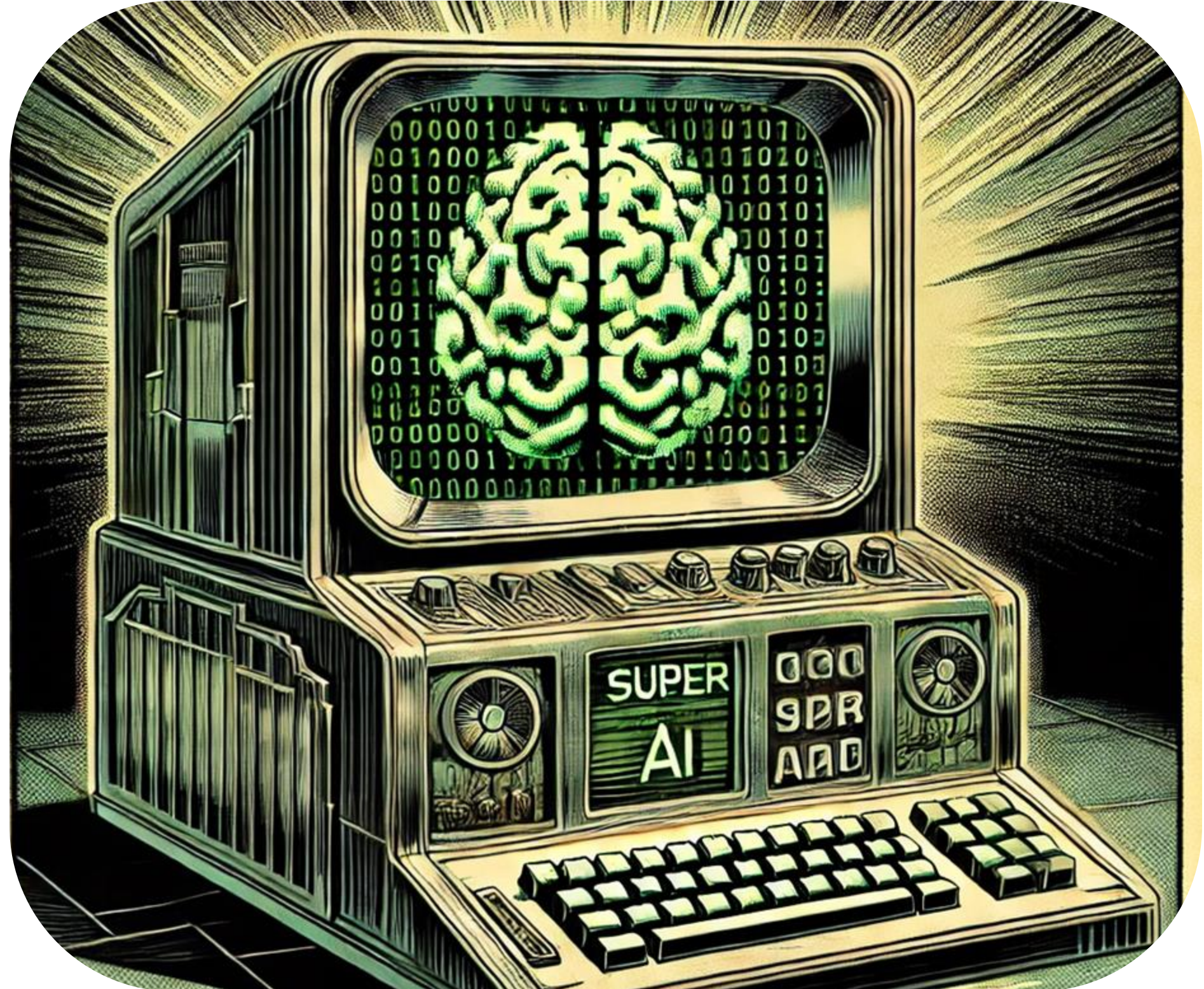
How does **AI** play into this? Does it make things worse? Can it help make them better?

Thesis: You Can't Trust an LLM... but You CAN Trust AI Systems Using LLMs

LLMs **cannot explain their outputs**—they operate in a "black box," generating probabilistic results without clear reasoning. This creates mistrust, but it doesn't mean they should be discarded. Instead, when LLMs are integrated into a **governed AI system**, they can reframe natural language into **provable, traceable** queries.

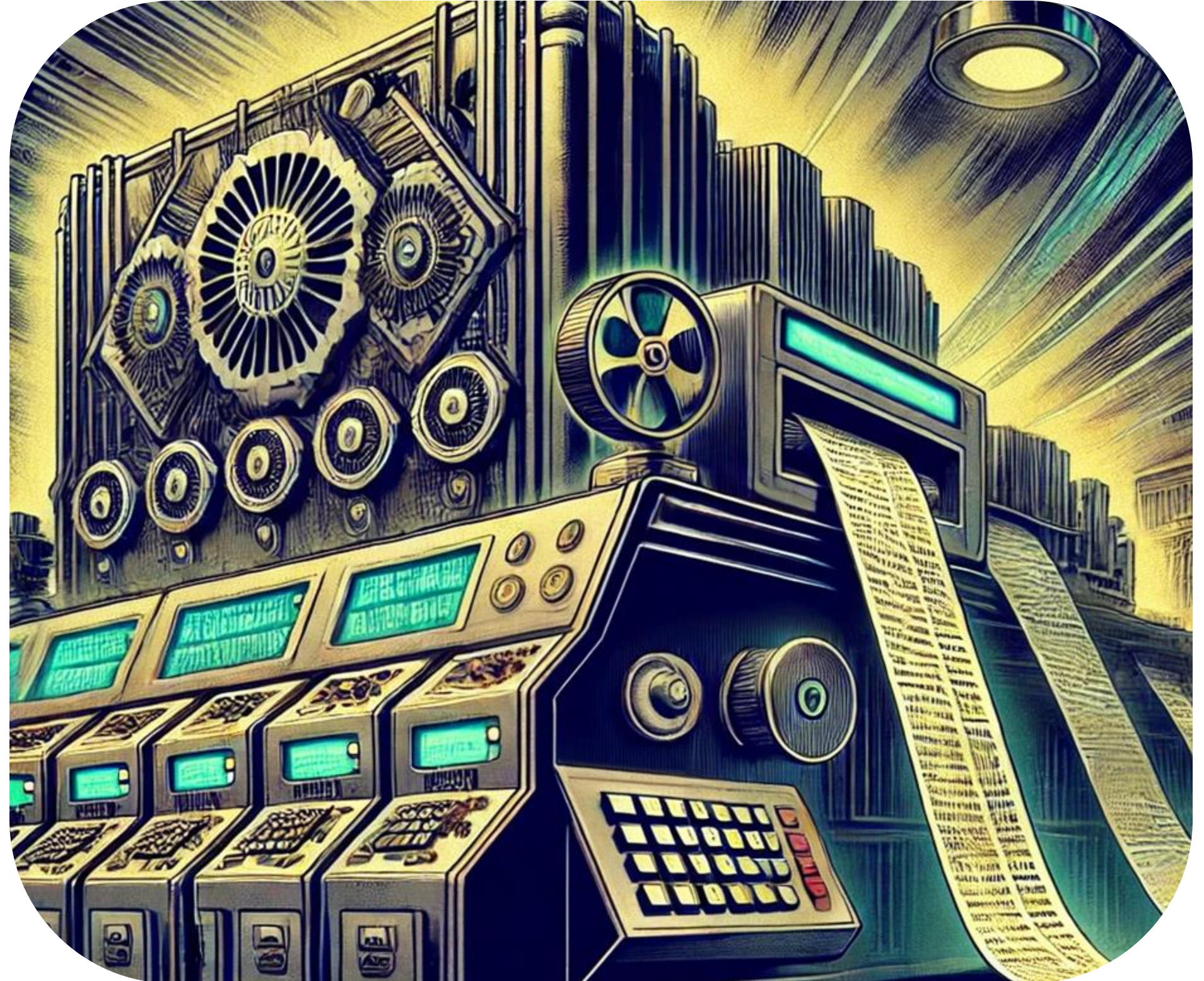The key? **Governance**—similar to how we trust people—with structure and oversight.

Why LLMs Aren't Enough

LLMs introduce:

→ **Inconsistency**: Same question, different answers.
→ **Opacity**: No transparency in how decisions are made.

But Data Catalogs and Governance add:

→ **Provenance**: Traceable sources for answers.
→ **Data Stewards**: Accountable for ensuring accuracy.
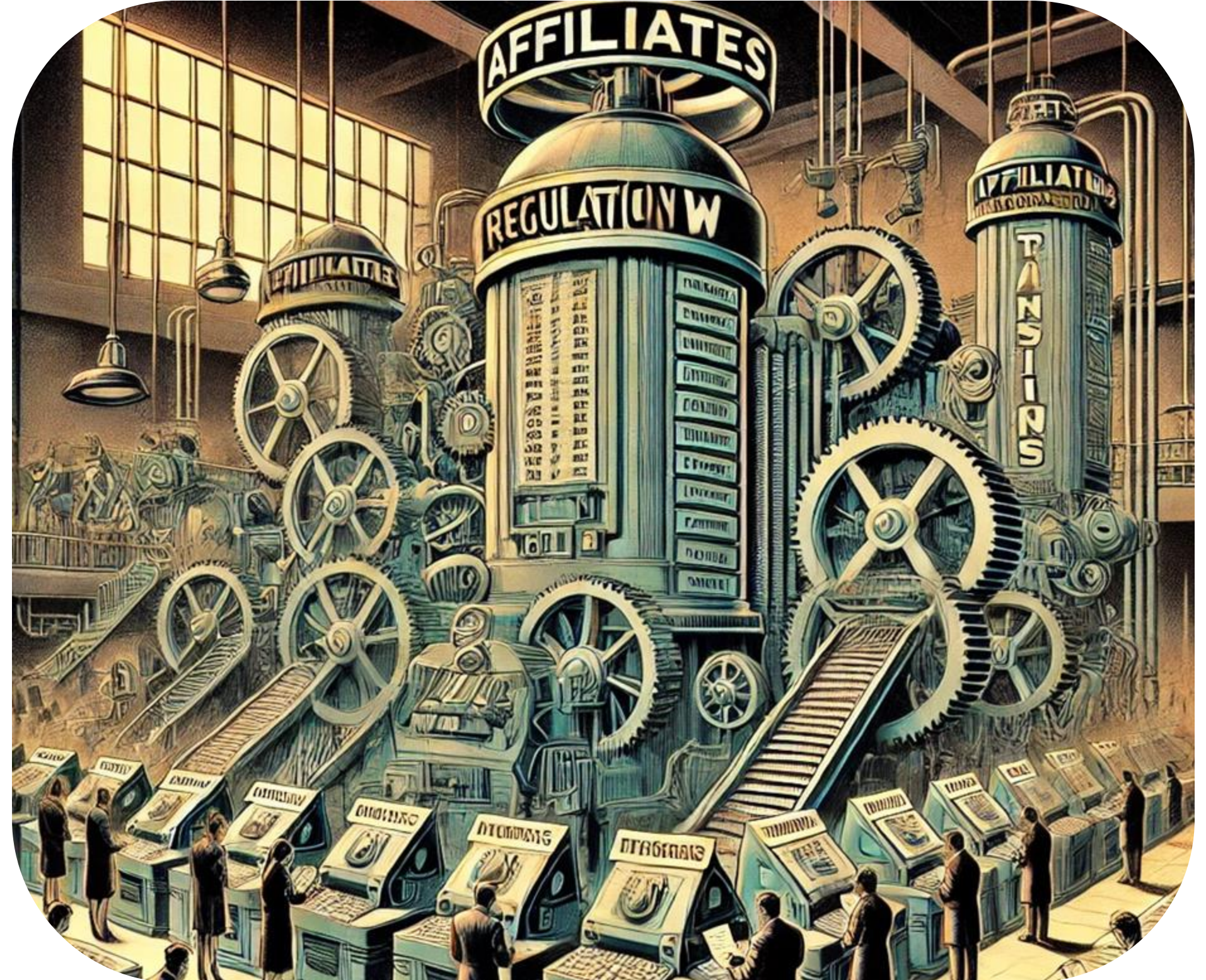→ **Verifiability**: A clear audit trail.

Problem Statement: Reg W Compliance Scenario

Imagine this situation…

→ A list of transactions needs to be checked against regulatory reporting requirements..
→ Analysts use multiple databases to identify affiliations and controlling interests.
→ An action list has been generated. But can we trust it?

Key Questions:

→ Are the rules being interpreted correctly?
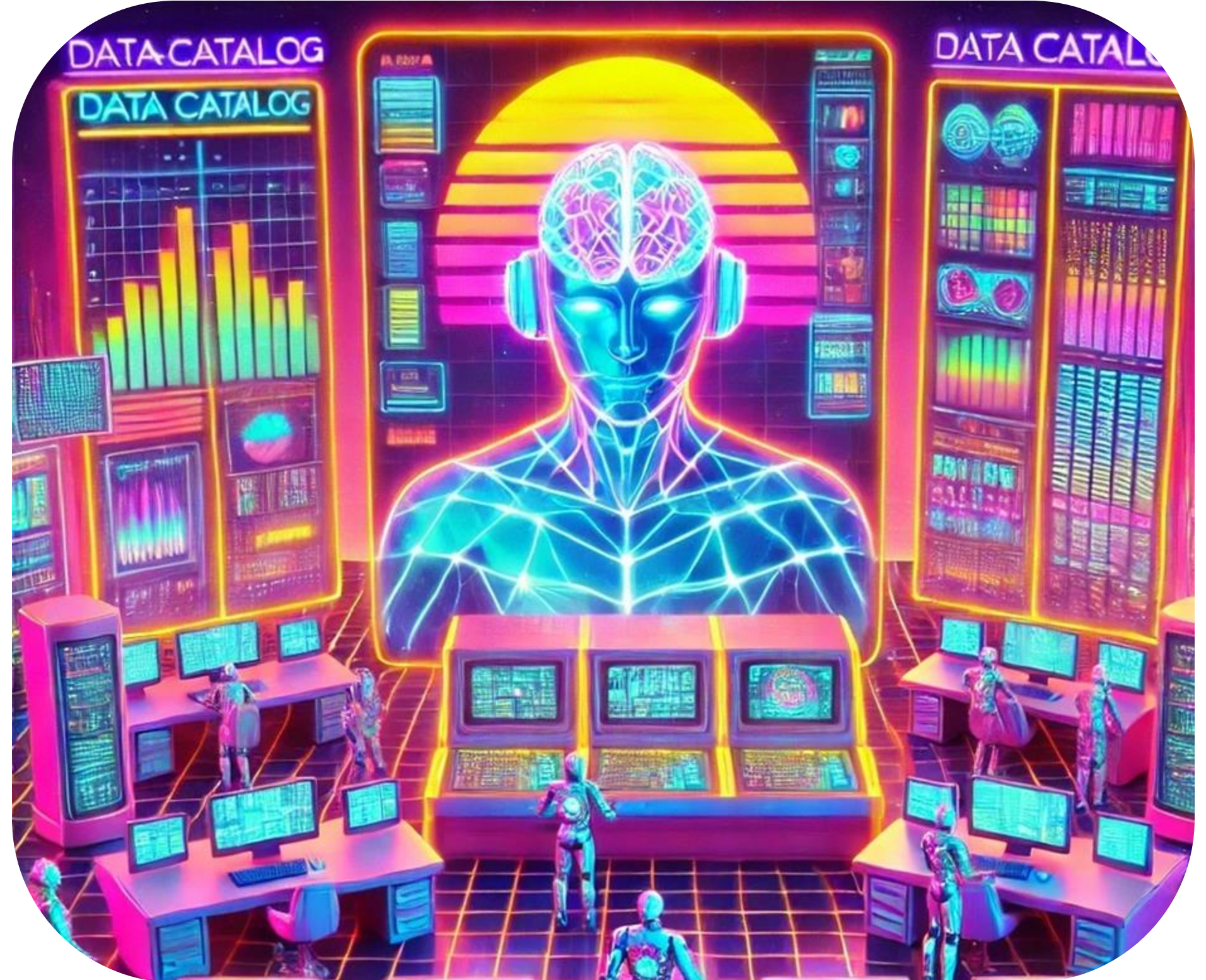→ Is the data source reliable?

Trust In Action

Demo

Achieving Trust with LLMs and Data Catalogs

How Data Catalogs Improve Trust
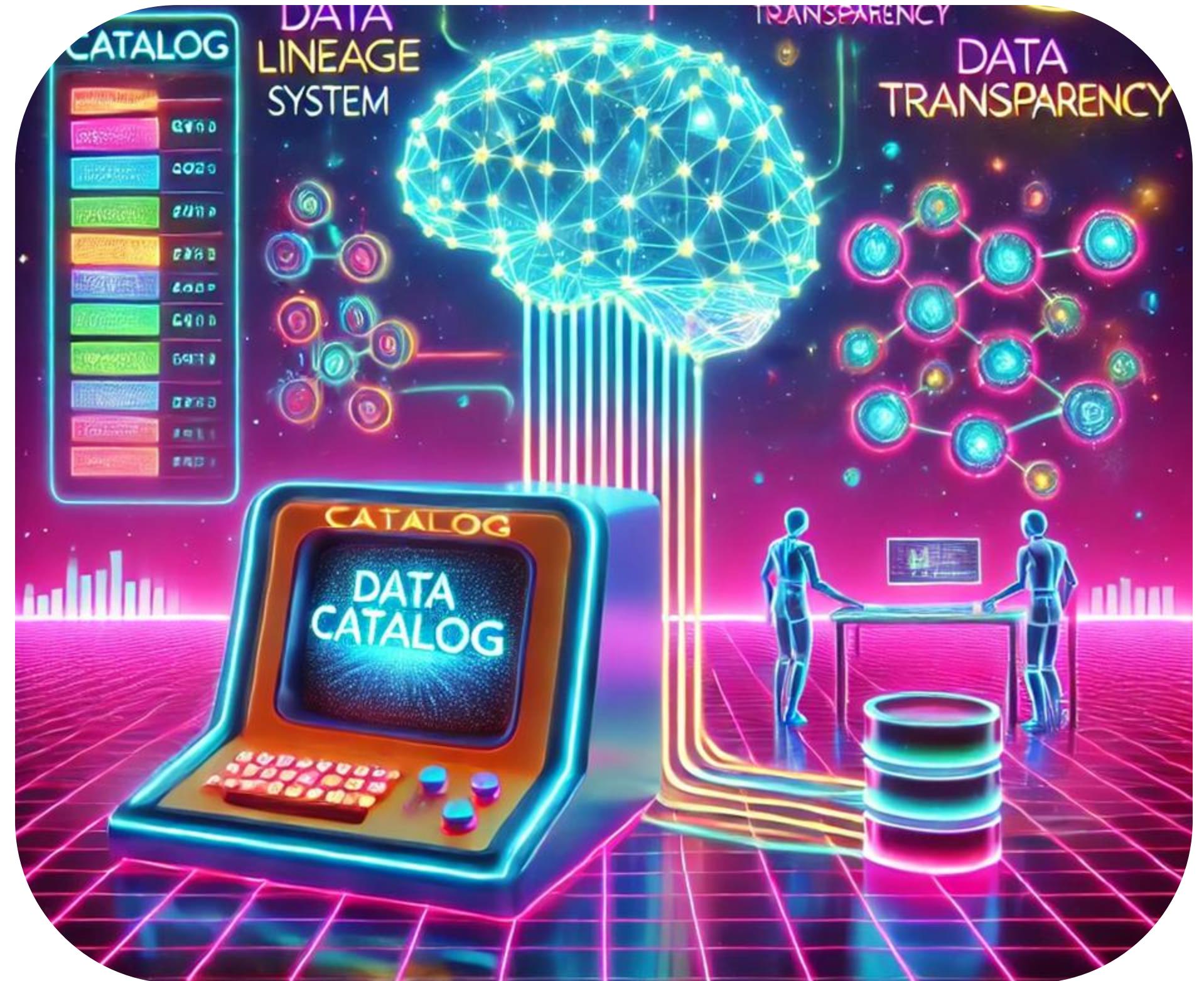
When LLMs are combined with Data Catalogs:

→ **Provenance**: Ensures data sources are reliable.
→ **Governance**: Adds a layer of transparency, allowing users to trust the outputs.
→ **Quality Control**: Only trusted, certified data is used for critical decisions.

Achieving Trust with LLMs and Data Catalogs

You can't blindly trust an LLM, but when integrated into an AI system with governance, provenance, and quality controls, you can trust the system. This ensures:

→ Accuracy.
→ Auditability.
→ Transparency.

Key Takeaways

LLMs can't be trusted in isolation, but they have a place in AI.

Data Catalogs ensure trust through data provenance and governance.

Together, LLMs and governance build an auditable, transparent AI system.

Questions?

Thank You!

Scan the QR Code for more information or to schedule a demo with us.

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