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Ignite Governance Insights Across Databases, Lakes, and Models

Ship faster • Fewer errors • Higher data quality

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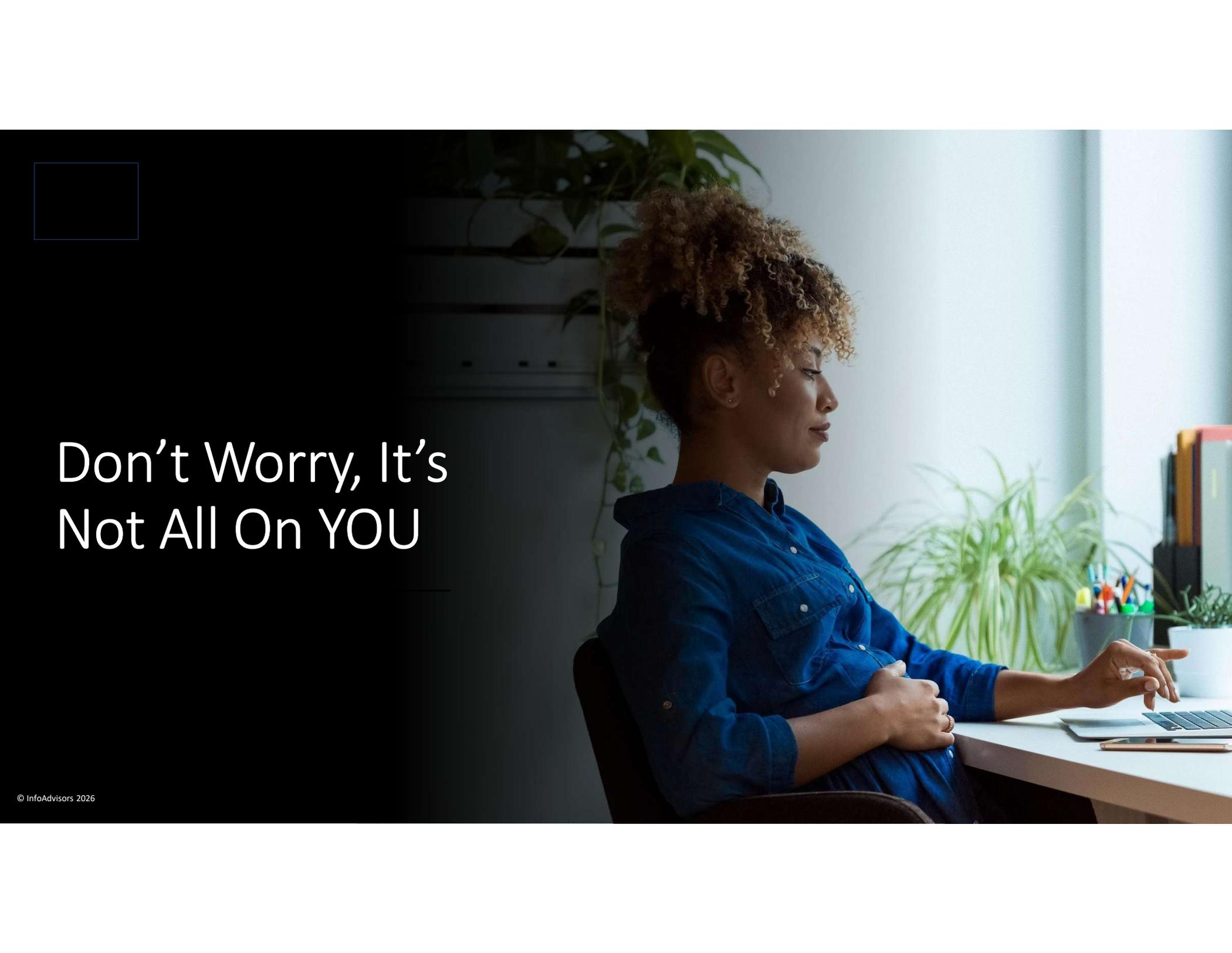www.datamodel.com
@datachick.bksy.social

Who?

Governance for people who ship: fewer surprises, less rework, and faster delivery, because you can *find it fast, change it safely, access it cleanly, and trust it by default.*"

Don't Worry, It's Not All On YOU

By the way, who are you?

Your Enemy Isn't Tickets: It's Rework

Wrong datasets

Duplicate data

No definitions

Breaking changes

Unknown dependencies
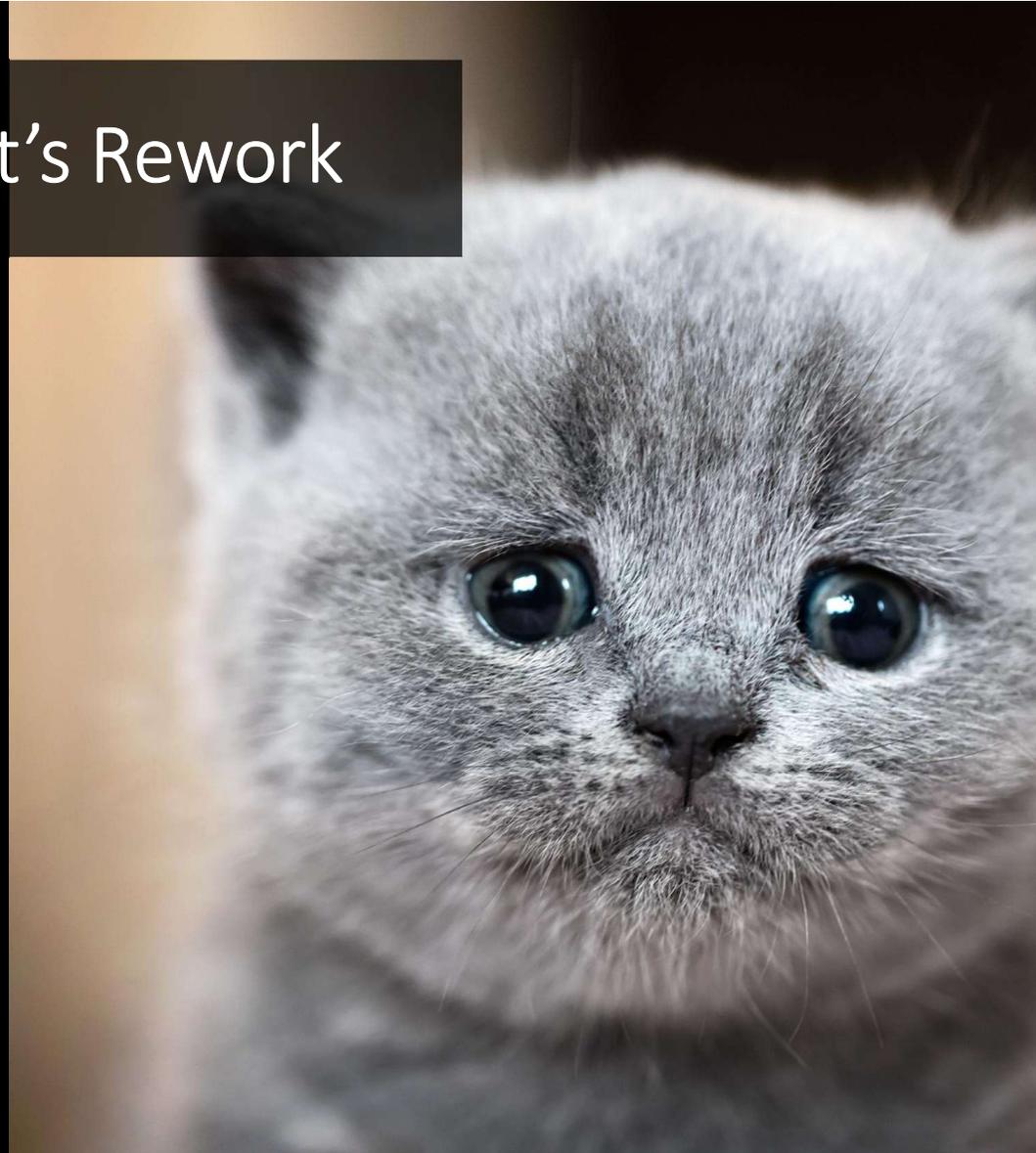
Your Enemy Isn't Tickets: It's Rework

Surprise changes

Shadow tables (including spreadsheets)

Lack of trust

Constant fixes

Unknown impact of changes

Governance creates gatekeepers

I'm a developer. I don't have time for this

Governance = more meetings

What Do You Hear About Data Governance?

Definitions are stupid; everyone disagrees

I'm a DBA. I don't have time for this

It's built by people who don't deliver

It's documentation

Governance is a business thing, not an IT thing

We are agile so we don't do governance

You Know What? They Are Right!

Can I find the right data fast?

Can I change it without breaking things?

Can I access it without drama?

Can I trust it without a meeting?

Can I use it without ROI?

Is the data good enough?

Where do I get help?

Why Data Governance is an Engineering Action

Governance as an Accelerator

Demo: Catalogs and Constellations

Glossaries for Good

Stop guesswork

Reduce rework

Lineage debugging faster

Frees up time they don't want to spend explaining things

Enables scale-up of teams

Increased collaboration

Faster requirements and implementations

Demo: Glossaries and Galaxies

Data Inventories

Wrong table

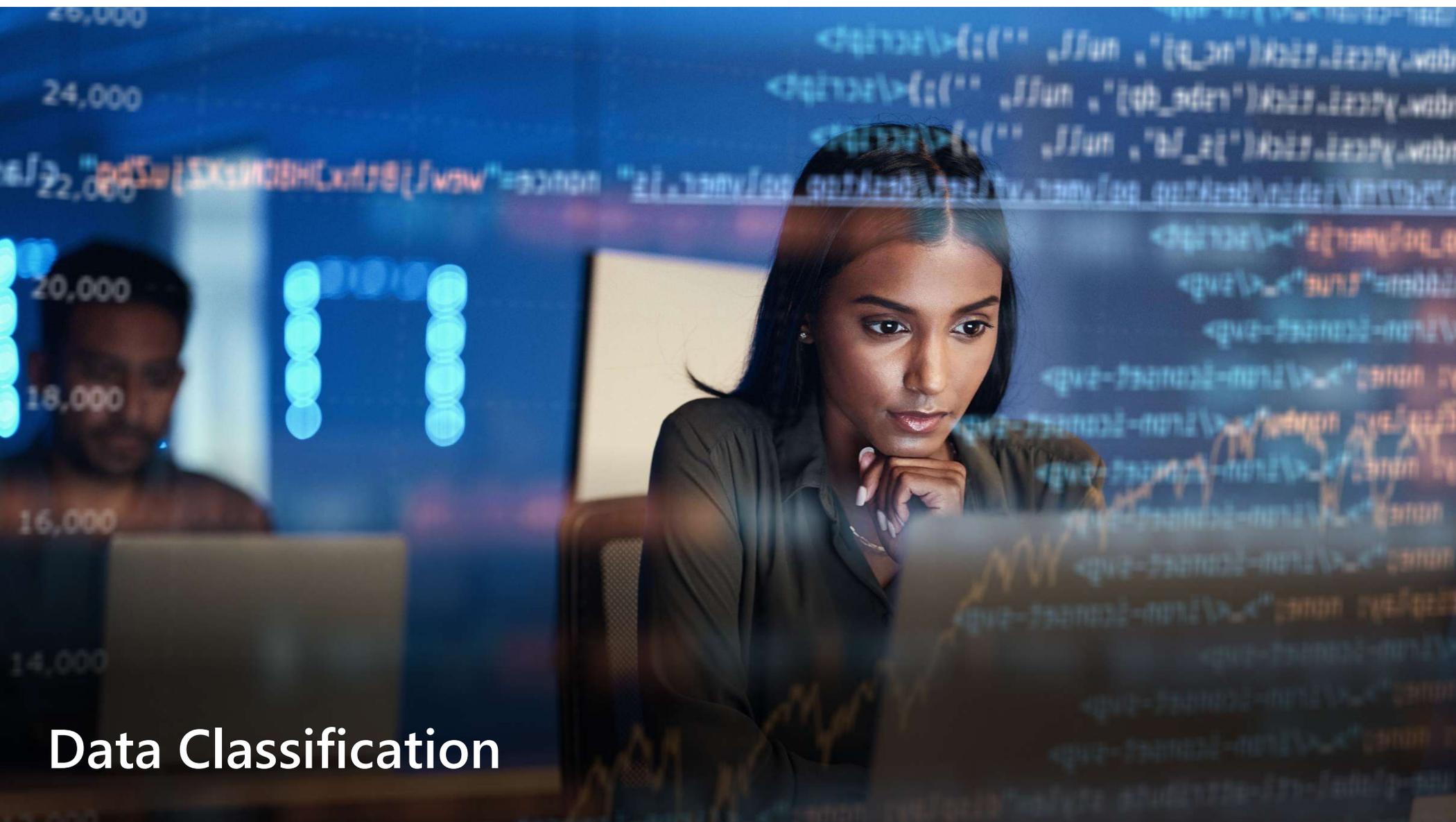Wrong column

Recreating data

Conflicting definitions

Obsolete data

Data consent

Data masking

Encryption

Data Classification

Demo: Data Classification

Data Classification

Is it PII?

Is it confidential?

Does it need special controls?

Will I know how to figure that out?

Are classifications following it?

Fast Access Controls

Auditable

Understanding before access

Shifts decisions from tech to business

Standardizes the process for faster access

More compliant

Data Quality Measures

Explictly defined

Standardized measures

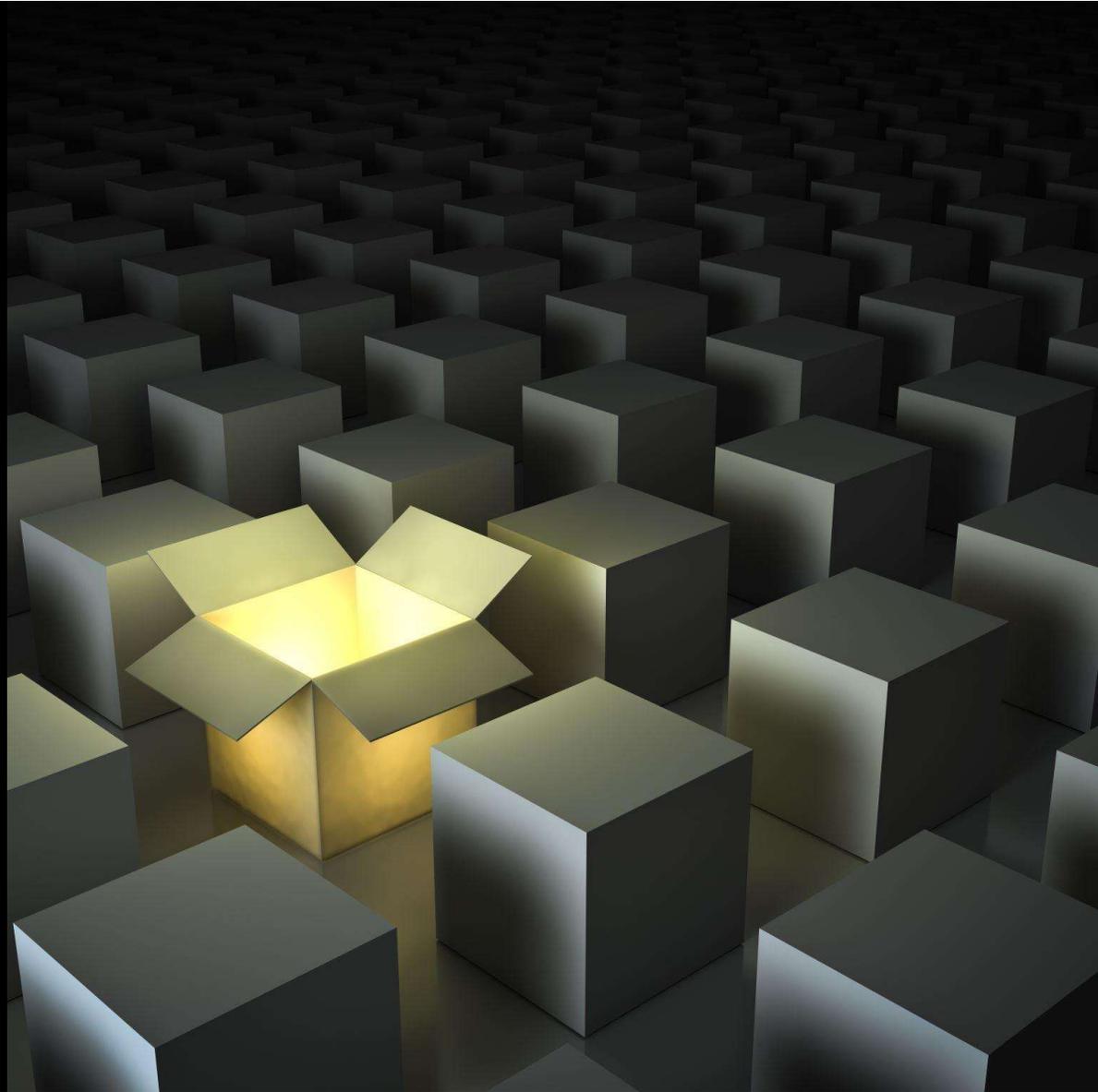Identifies problematic data

Shifts data quality ownership

Better decision making

Enables feedback loops

Tranparency

Data Product

A curated, governed package of data assets for a particular use

Demo: Data Product

Can I Change This Without Hating Friday?

Silent schema changes
Surprise dashboard failures
Fear-driven release delays
On-call chaos

Data Lineage

Shows how data moves and transforms across systems, from source to consumption.

Demo: Data Lineage

All this is why bad governance gets ignored, and good governance gets used

Key Takeaways

Governance is an Engineering Function

Enterprise Tools for Enterprise Actions

Managing Data Complexity

Mastering Multi-Platform Complexity

Governance at Scale

Guessing is bad

Productivity

Managing Risk

Importance of Laziness

Real-life Stories

We might have to discuss this during a break

Data Governance in AI and ML

Scaling Data Governance

Roles and responsibilities

Usable standards

Robust tools & automation

Collaboration incentives

Classifications and grouping

Monitoring & alerting

Resources

- More for you…

Thank you, ad astra!

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@datachick
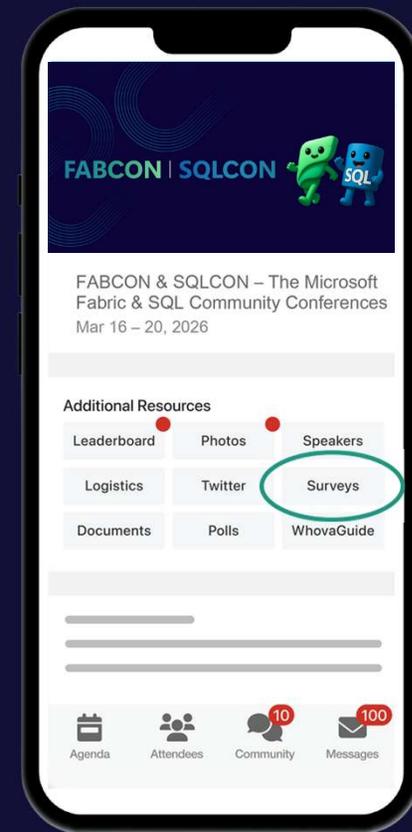linkedin.com/in/karenlopez

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