



How to Automate an AI Powered Data Mesh

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Where data & AI come to 

Why now?



Despite spending **\$290 billion** globally on technology and services, **42%** of enterprises report that data is underutilized in their organizations

Only **12%** of organizations connect the data between departments



Better Decision Making



Faster Time to Value



Scaled across the Organization



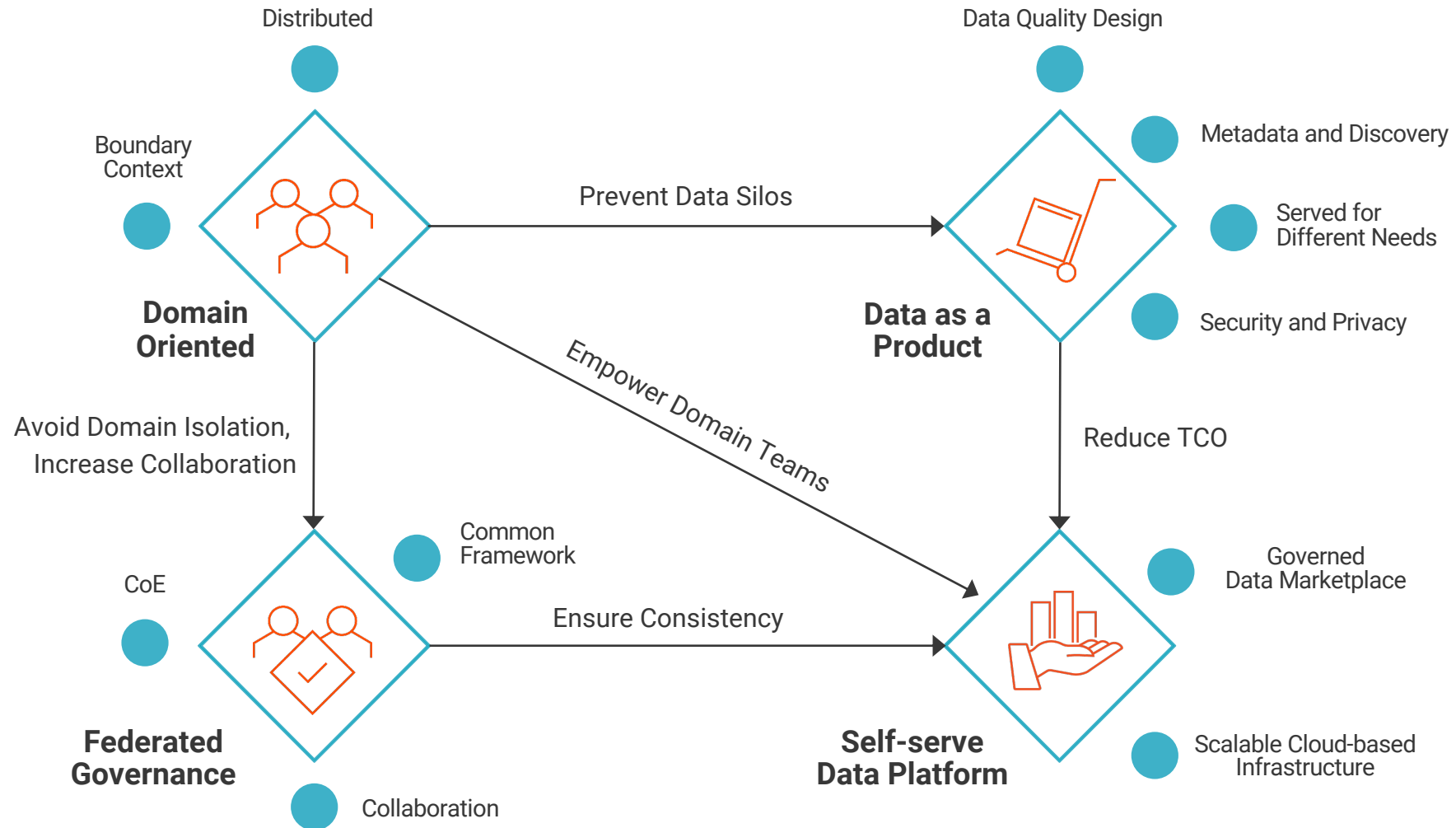
Efficiency & Reuse

To make better and faster decisions organizations need to shift their investment focus from **data generation to decision velocity**

Consumers are looking for more **personalized, immersive, and real-time experiences** across channels and devices, while demanding greater **data protection**.

Organizations need to pivot their focus from building cloud-first businesses to the **economics associated with running a cloud-first business**.


What is Data Mesh?



Intelligent Data Management Cloud




DATA CATALOG



DATA INTEGRATION & ENGINEERING



API & APP INTEGRATION




DATA QUALITY & OBSERVABILITY



MDM & 360 APPLICATIONS



GOVERNANCE & PRIVACY



DATA MARKETPLACE

CLAIRE[®]

AI-Powered Metadata Intelligence & Automation

Connectivity

Metadata System of Record

Multi-Cloud



Hybrid



On-premises



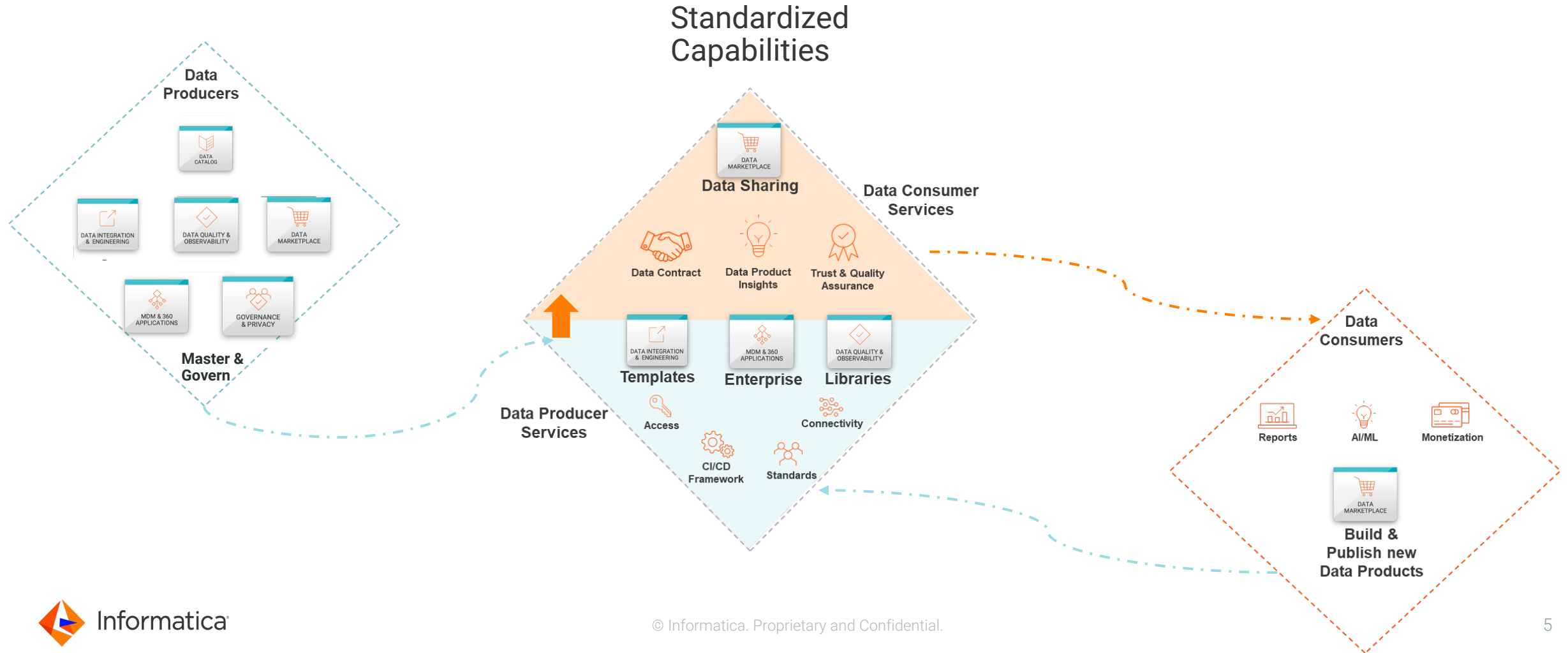
Enterprise Cloud



Serverless

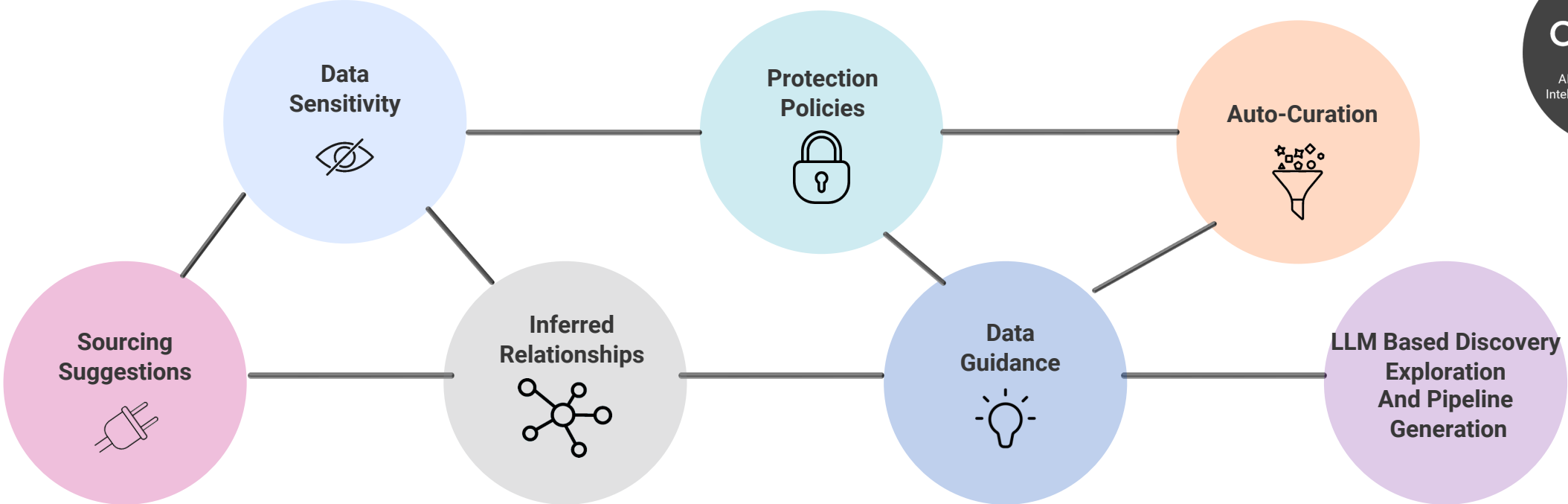
Key Considerations for Scaling with Data Mesh

Autonomy in a Controlled Fashion



Key Considerations for Scaling with Data Mesh

Automation & Scalability



Data for All to Use Consume & Access

Allow everyone in the organization to be data driven, regardless of technical ability

Create Usable Data with Actionable Insights

Enable decentralized data producers to create, document, catalog, and test new data assets

Drive Exponential Data Productivity Growth

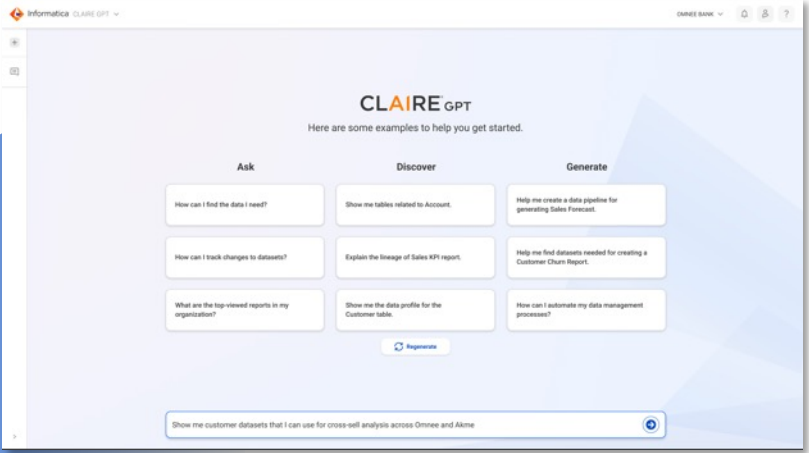
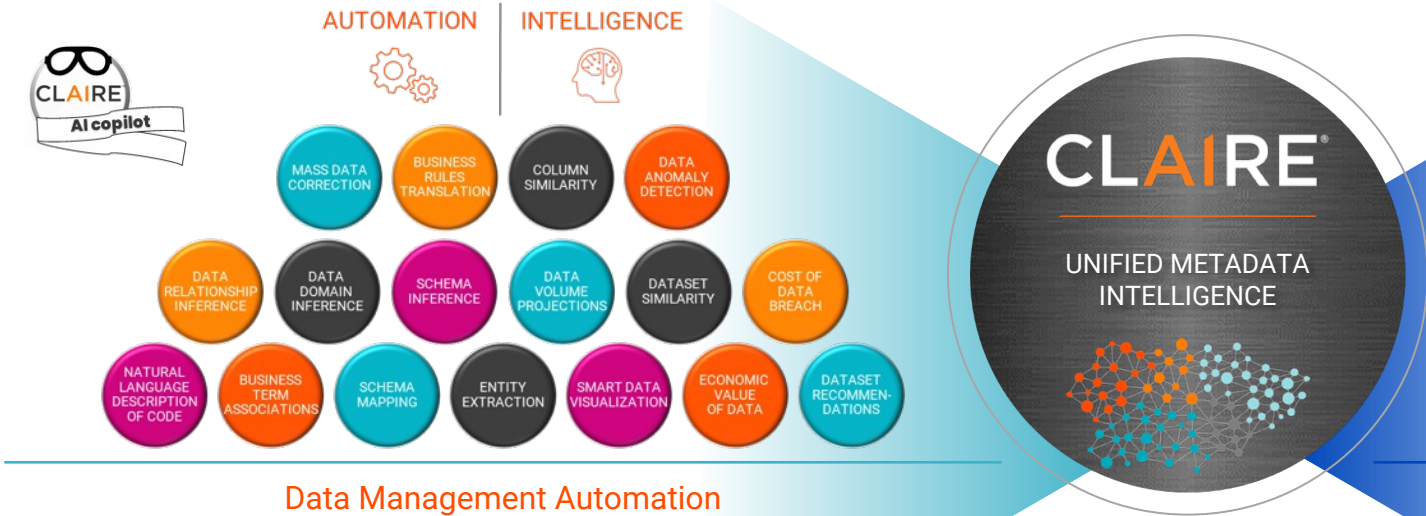
Drive exponential growth in productivity of your data professionals with an AI co-pilot



CLAIRE[®]: AI-Powered Data Management

CLAIRE AI copilot

CLAIRE GPT



Data Management Automation

Generative AI-powered Data Management

Activated Metadata to provide automated data management capabilities		
Reduced manual effort and improved operational efficiency across data management tasks		
Proactive recommendations and alerts for potential issues		
INTELLIGENT GLOSSARY	SMART DOMAINS	COLUMN SIMILARITY
ENTITY MATCHING	SCHEMA MATCHING	DATA QUALITY INSIGHTS
JOIN RECOMMENDATIONS	NEXT TX RECOMMENDATIONS	DATASET RECOMMENDATIONS

Enhance productivity of experienced data management professionals with fully automated workflows	Democratize data and data management by enabling non-technical users to create specifications and perform basic data management tasks on their own	Reduce data management costs
NL TO ETL/ELT	NL TO DQ	NL TO PREP
NL-BASED DISCOVERY	NL-BASED EXPLORATION	NL-BASED TESTING AND DOCUMENTATION
CROSS PRODUCT EXP.	AI COPILOT	IN-CONTEXT DATA INTELLIGENCE
		NL TO GOVERNANCE
		AUTOMATED FINOPS
		OPEN, POLYGLOT

CLAIRE GPT Demonstration

Thank You

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