ENGAGE META

PRINTING OF TRAIDA CARDS

December 09, 2024

Instruction

Thanks to this PDF, you can print the TRAIDA cards. You cut out the cards and fold-glue them to assemble their front and back sides.
You can use a corner cutter to achieve rounded edges. For example, we use the Sunstar Kadomaru Pro (S4765036) device.

Each card follows this structure

- The back side presents a question related to the card's topic
- The front side provides the definition of the topic and an example of its implementation

In line with the TRAIDA framework colors

- Blue cards address the technical domain of AI and data management
- Green cards cover the governance domain
- Red cards focus on the business domain

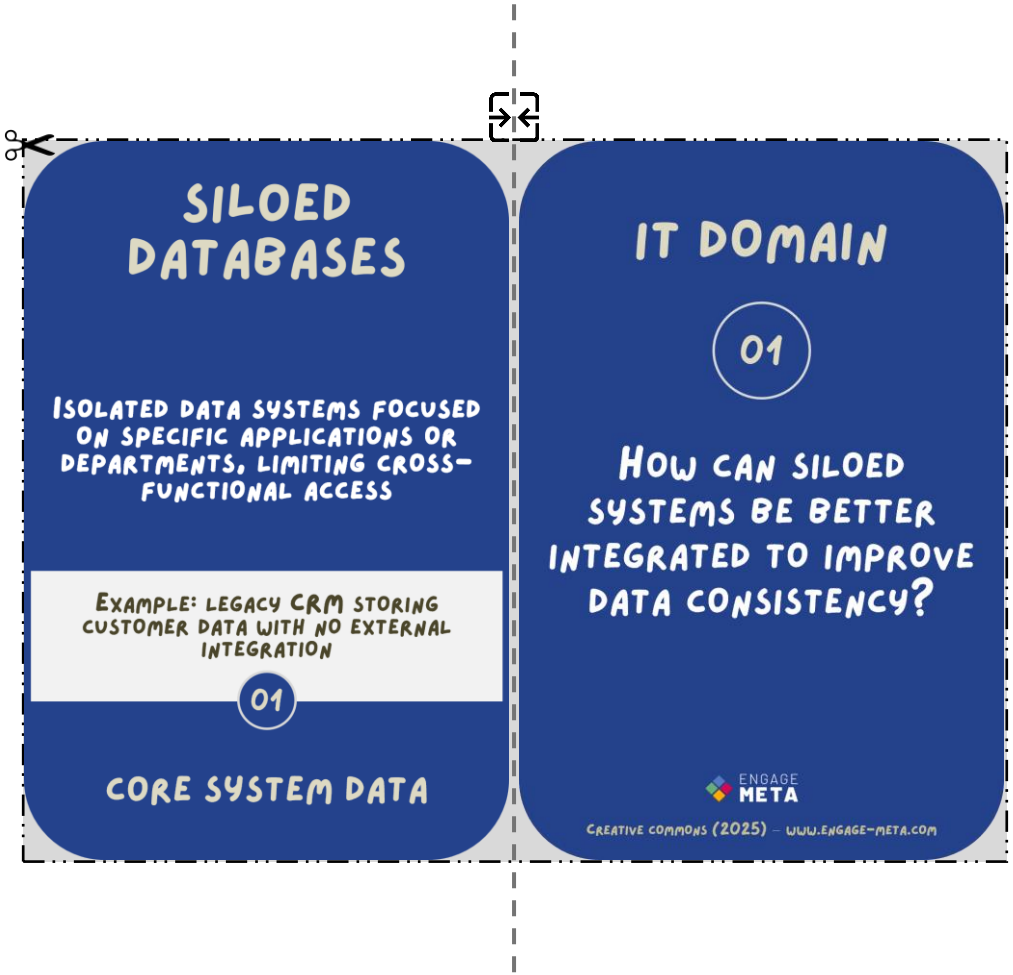
How to use the cards?

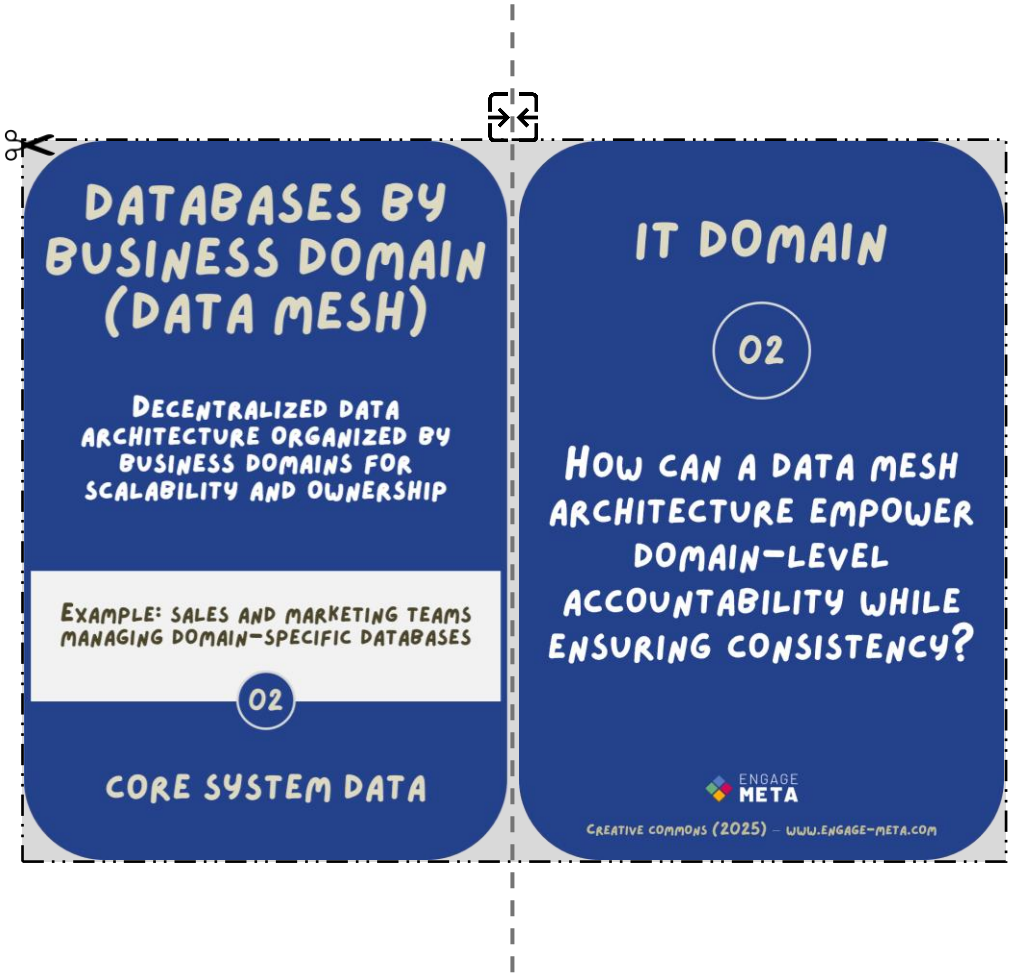
Various usage contexts are imaginable, such as facilitating a training session, leading a brainstorming session, studying a transformation project, conducting an audit, etc. Feel free to share your experiences with the engage-meta community; with your agreement, we would be happy to publish your testimonial on the community's website.

How to get a high-quality version of the cards?

We can professionally print the cards through the service provider "makeplayingcards.com". Do not hesitate to contact the engage-meta community for practical details.

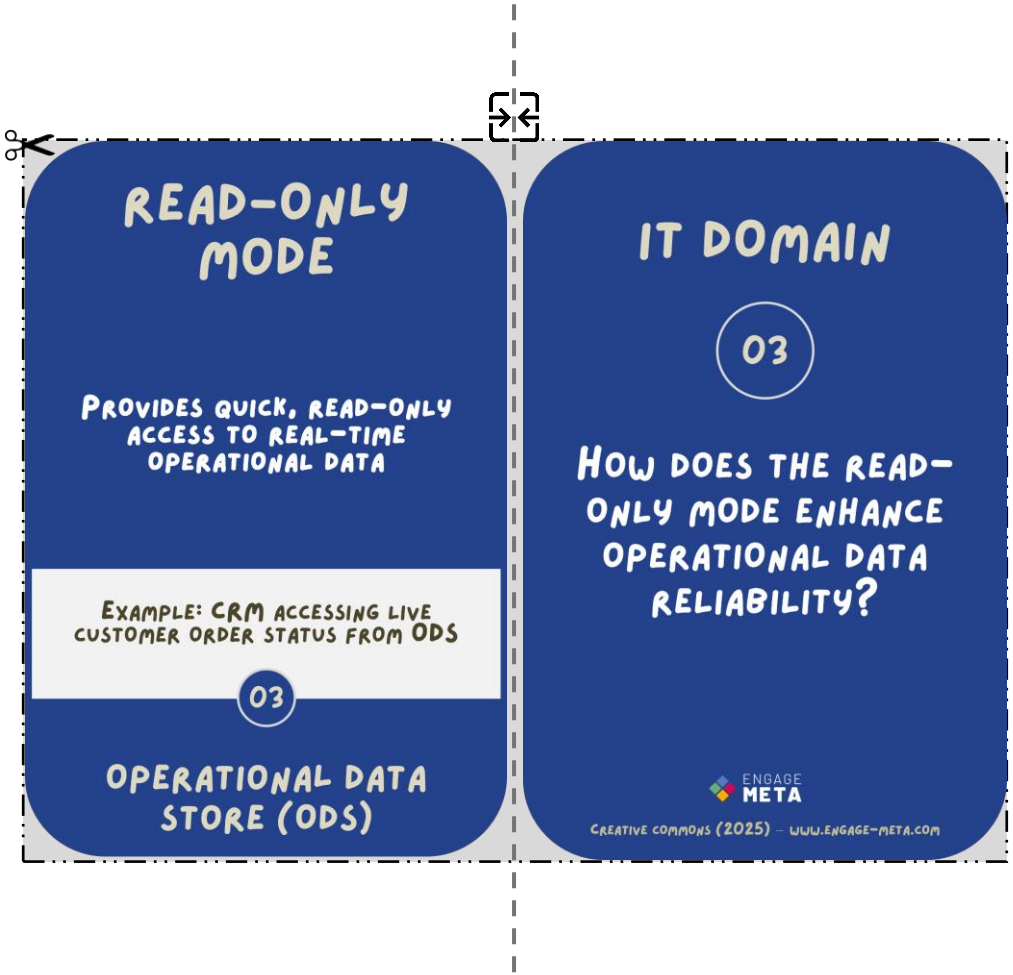
Result of printing with a standard printer, cutting with a utility knife, and a basic corner rounding

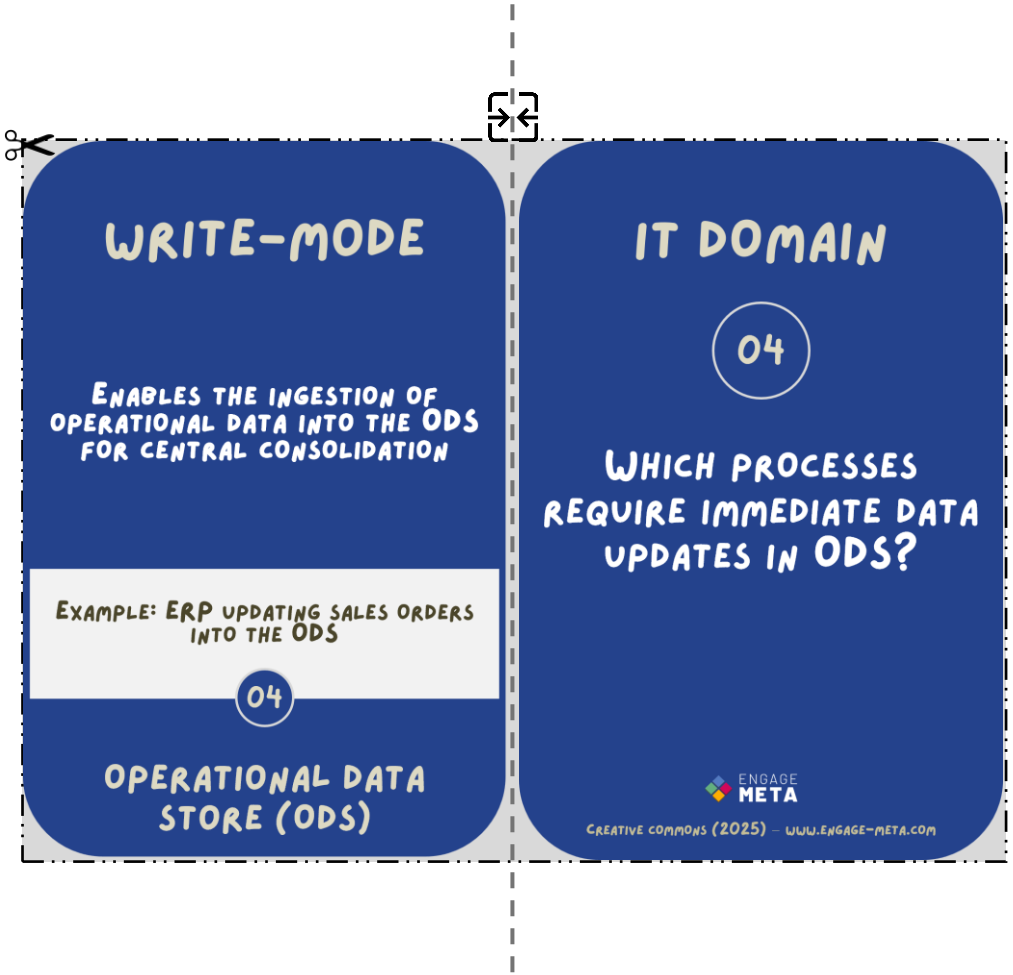


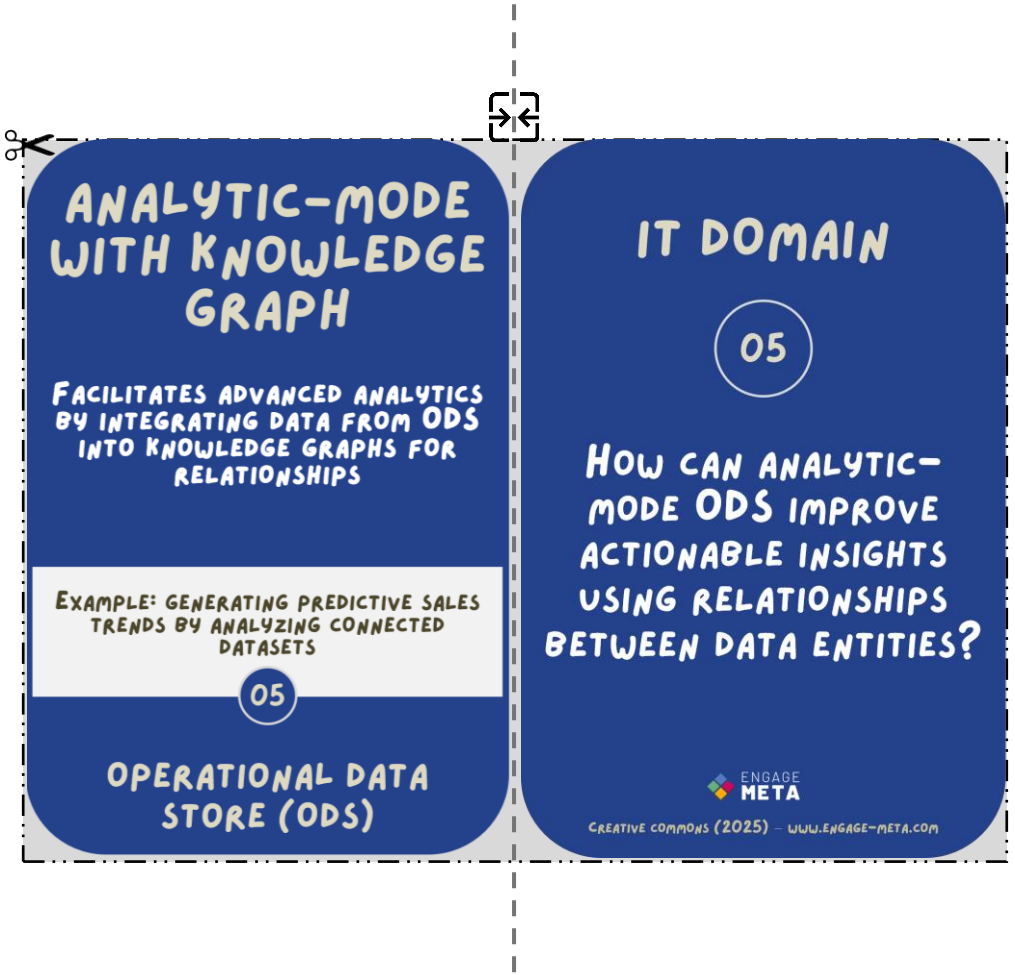


Cutting board

TRAIDA cards






ANALYTIC-MODE WITH KNOWLEDGE GRAPH
FACILITATES ADVANCED ANALYTICS BY INTEGRATING DATA FROM ODS INTO KNOWLEDGE GRAPHS FOR RELATIONSHIPS
EXAMPLE: GENERATING PREDICTIVE SALES TRENDS BY ANALYZING CONNECTED DATASETS
05
OPERATIONAL DATA STORE (ODS)
IT DOMAIN
05
HOW CAN ANALYTIC-MODE ODS IMPROVE ACTIONABLE INSIGHTS USING RELATIONSHIPS BETWEEN DATA ENTITIES?
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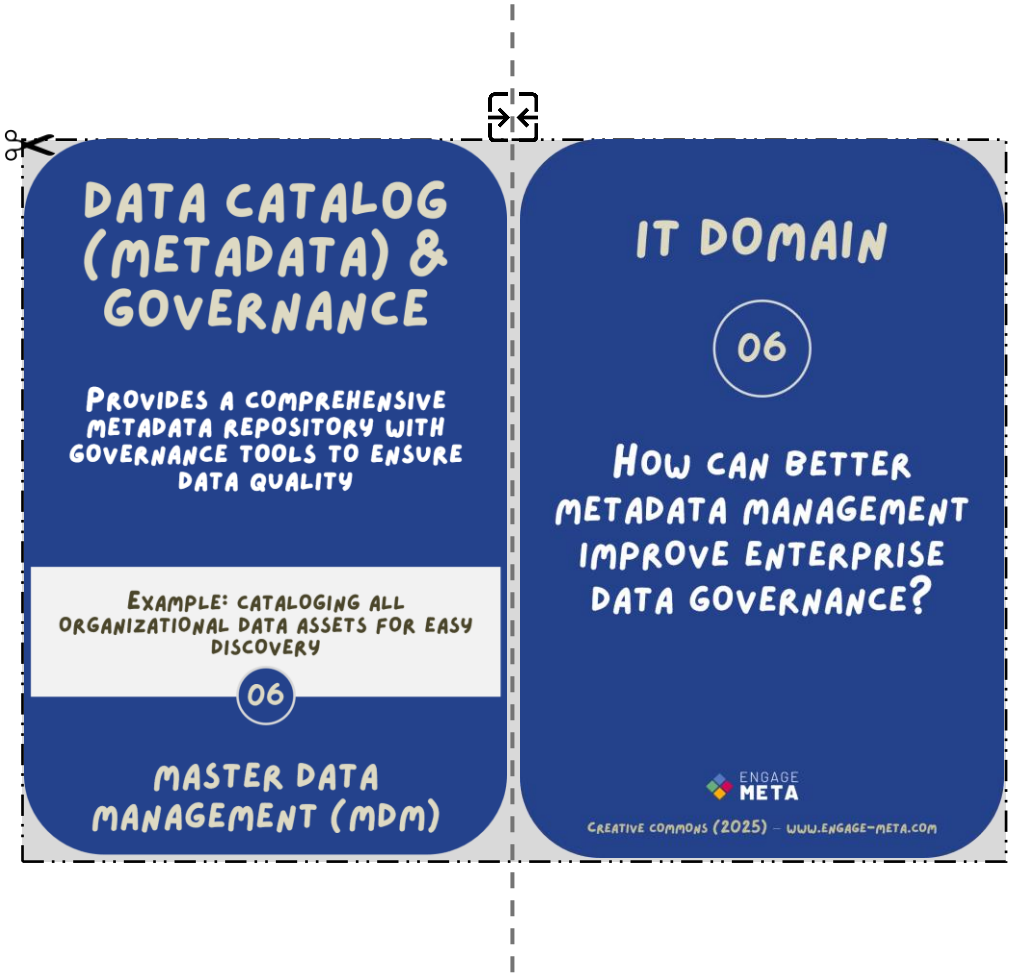
DATA CATALOG (METADATA) & GOVERNANCE
PROVIDES A COMPREHENSIVE METADATA REPOSITORY WITH GOVERNANCE TOOLS TO ENSURE DATA QUALITY
EXAMPLE: CATALOGING ALL ORGANIZATIONAL DATA ASSETS FOR EASY DISCOVERY
06
MASTER DATA MANAGEMENT (MDM)
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06
HOW CAN BETTER METADATA MANAGEMENT IMPROVE ENTERPRISE DATA GOVERNANCE?
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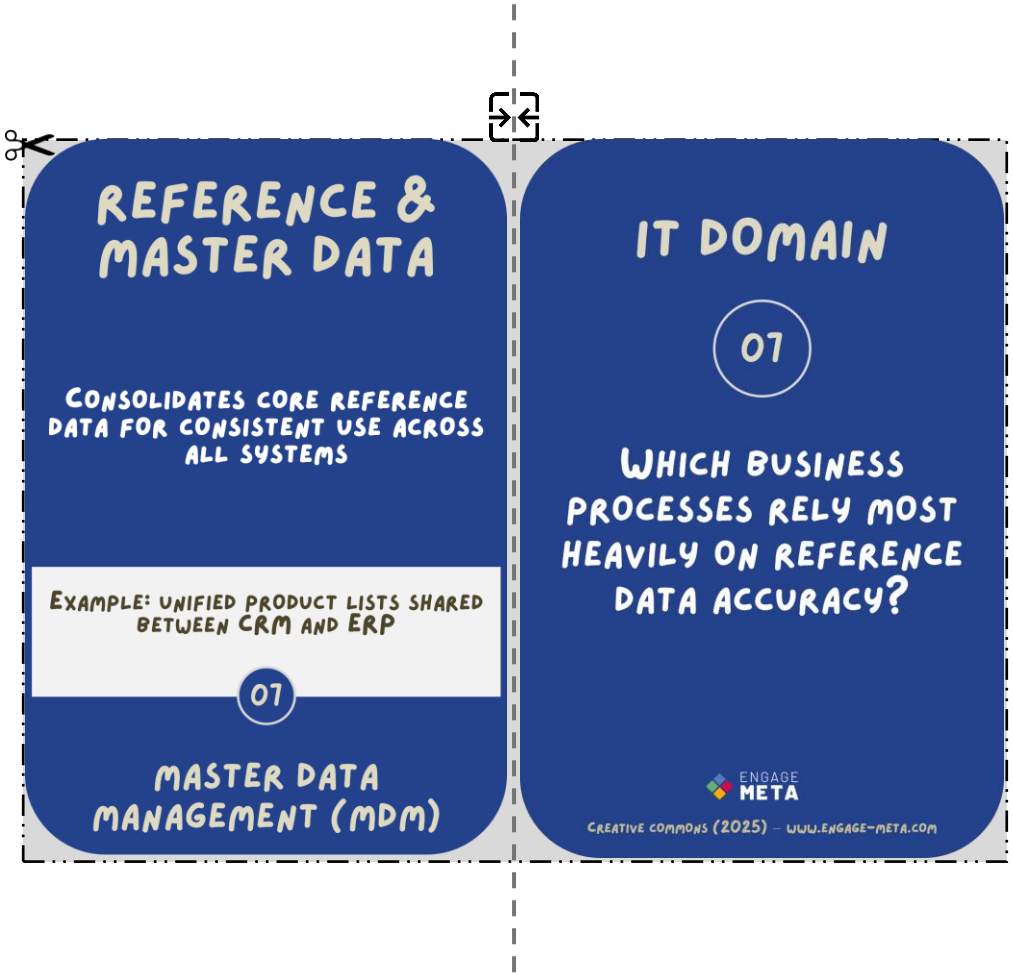

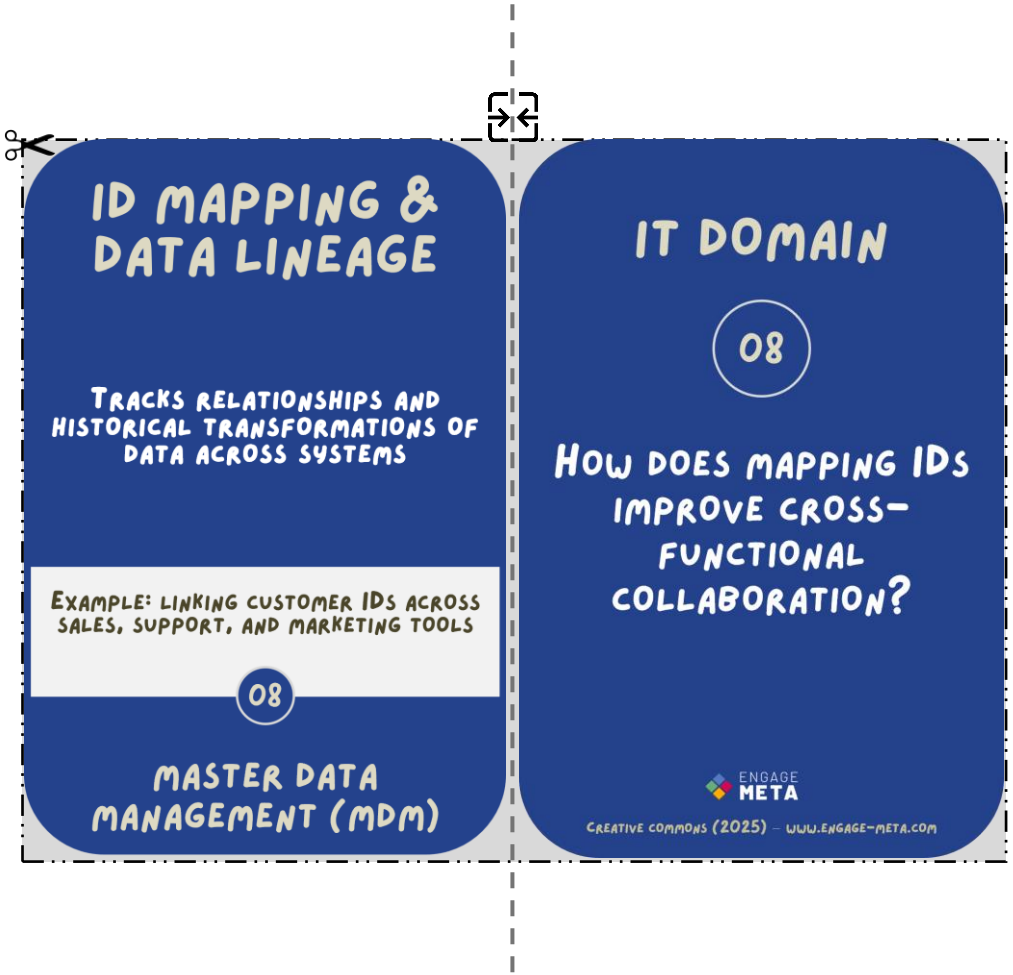

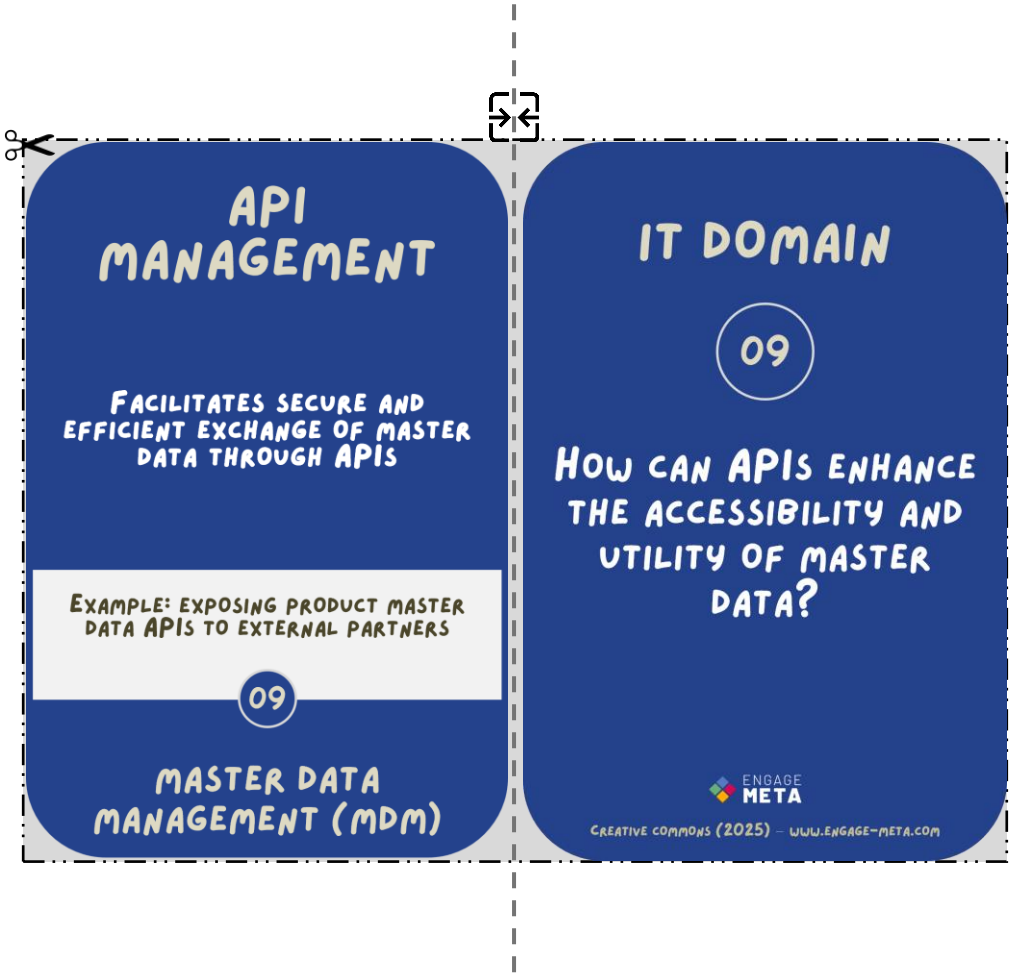
API MANAGEMENT
FACILITATES SECURE AND EFFICIENT EXCHANGE OF MASTER DATA THROUGH APIS
EXAMPLE: EXPOSING PRODUCT MASTER DATA APIS TO EXTERNAL PARTNERS
09
MASTER DATA MANAGEMENT (MDM)
IT DOMAIN
09
HOW CAN APIS ENHANCE THE ACCESSIBILITY AND UTILITY OF MASTER DATA?
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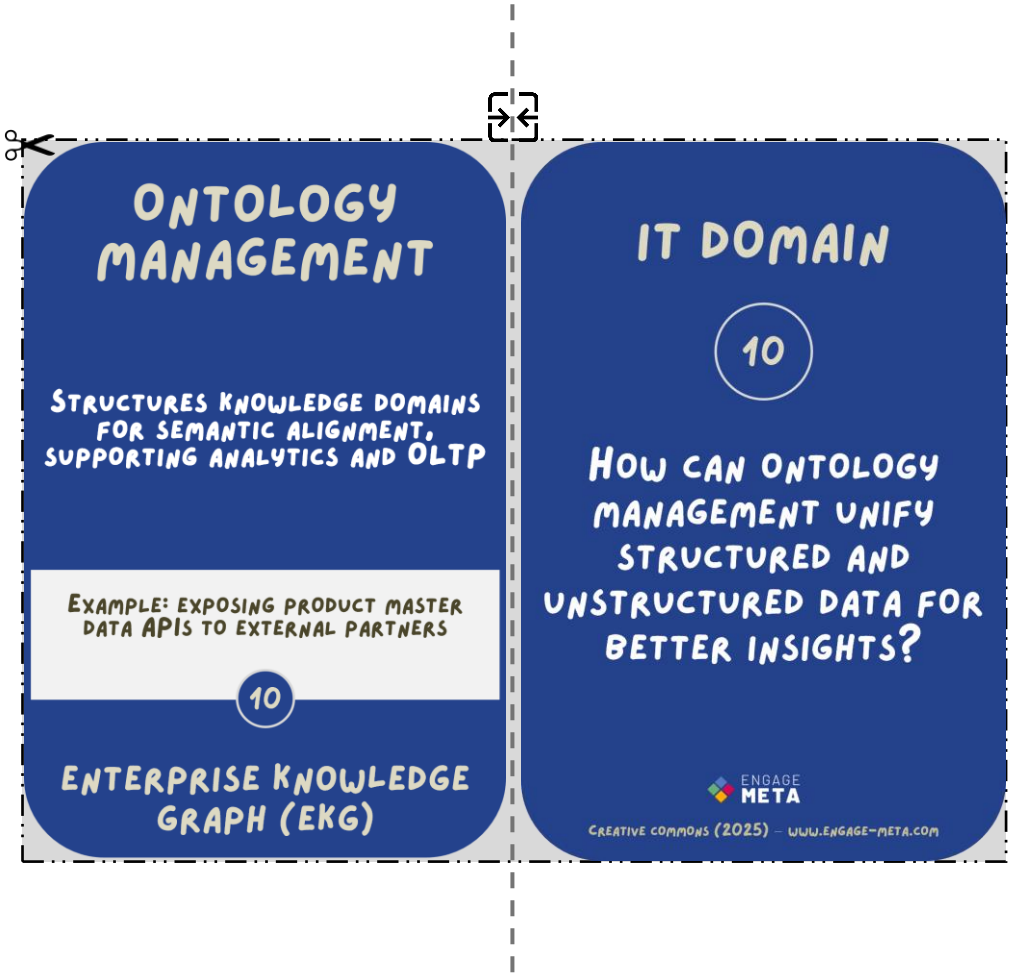
ONTOLOGY MANAGEMENT
STRUCTURES KNOWLEDGE DOMAINS FOR SEMANTIC ALIGNMENT, SUPPORTING ANALYTICS AND OLTP
EXAMPLE: EXPOSING PRODUCT MASTER DATA APIS TO EXTERNAL PARTNERS
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HOW CAN ONTOLOGY MANAGEMENT UNIFY STRUCTURED AND UNSTRUCTURED DATA FOR BETTER INSIGHTS?
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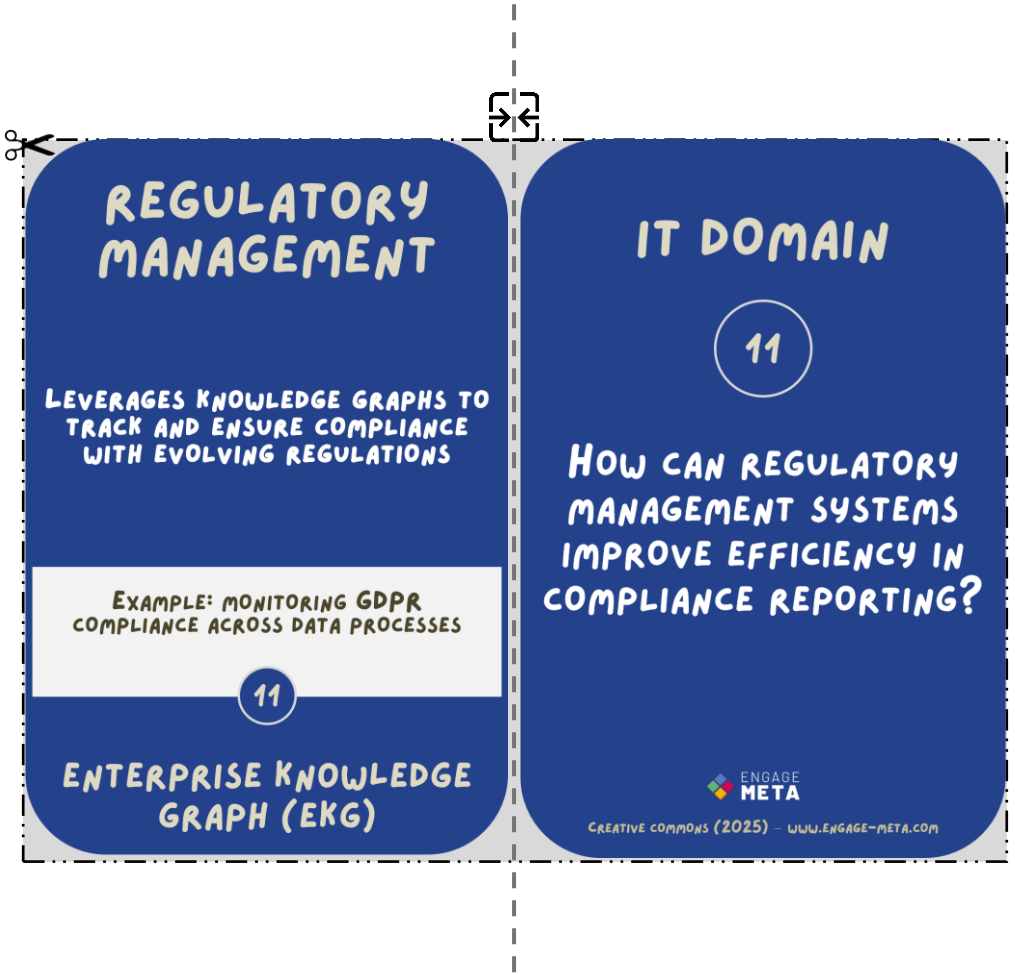
REGULATORY MANAGEMENT
LEVERAGES KNOWLEDGE GRAPHS TO TRACK AND ENSURE COMPLIANCE WITH EVOLVING REGULATIONS
EXAMPLE: MONITORING GDPR COMPLIANCE ACROSS DATA PROCESSES
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HOW CAN REGULATORY MANAGEMENT SYSTEMS IMPROVE EFFICIENCY IN COMPLIANCE REPORTING?
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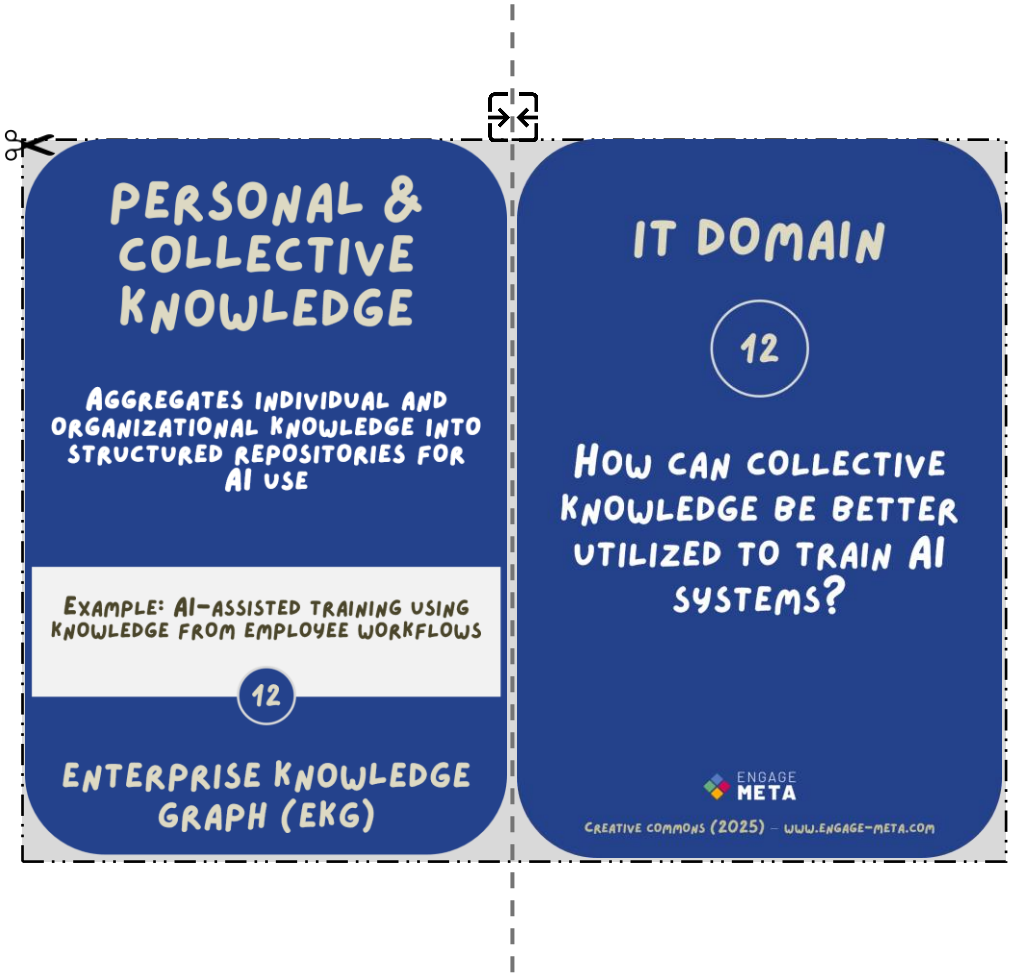
PERSONAL & COLLECTIVE KNOWLEDGE
AGGREGATES INDIVIDUAL AND ORGANIZATIONAL KNOWLEDGE INTO STRUCTURED REPOSITORIES FOR AI USE
EXAMPLE: AI-ASSISTED TRAINING USING KNOWLEDGE FROM EMPLOYEE WORKFLOWS
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ENTERPRISE KNOWLEDGE GRAPH (EKG)
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HOW CAN COLLECTIVE KNOWLEDGE BE BETTER UTILIZED TO TRAIN AI SYSTEMS?
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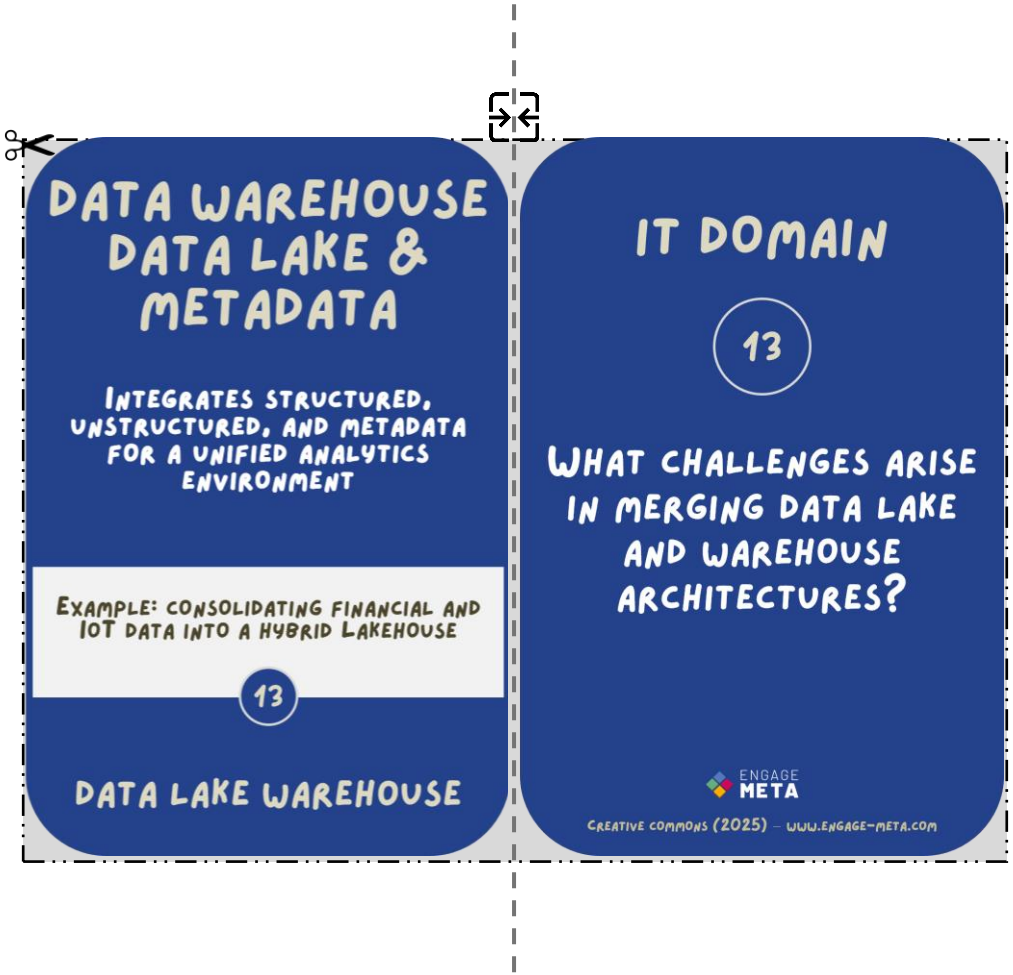
DATA WAREHOUSE DATA LAKE & METADATA
INTEGRATES STRUCTURED, UNSTRUCTURED, AND METADATA FOR A UNIFIED ANALYTICS ENVIRONMENT
EXAMPLE: CONSOLIDATING FINANCIAL AND IOT DATA INTO A HYBRID LAKEHOUSE
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DATA LAKE WAREHOUSE
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WHAT CHALLENGES ARISE IN MERGING DATA LAKE AND WAREHOUSE ARCHITECTURES?
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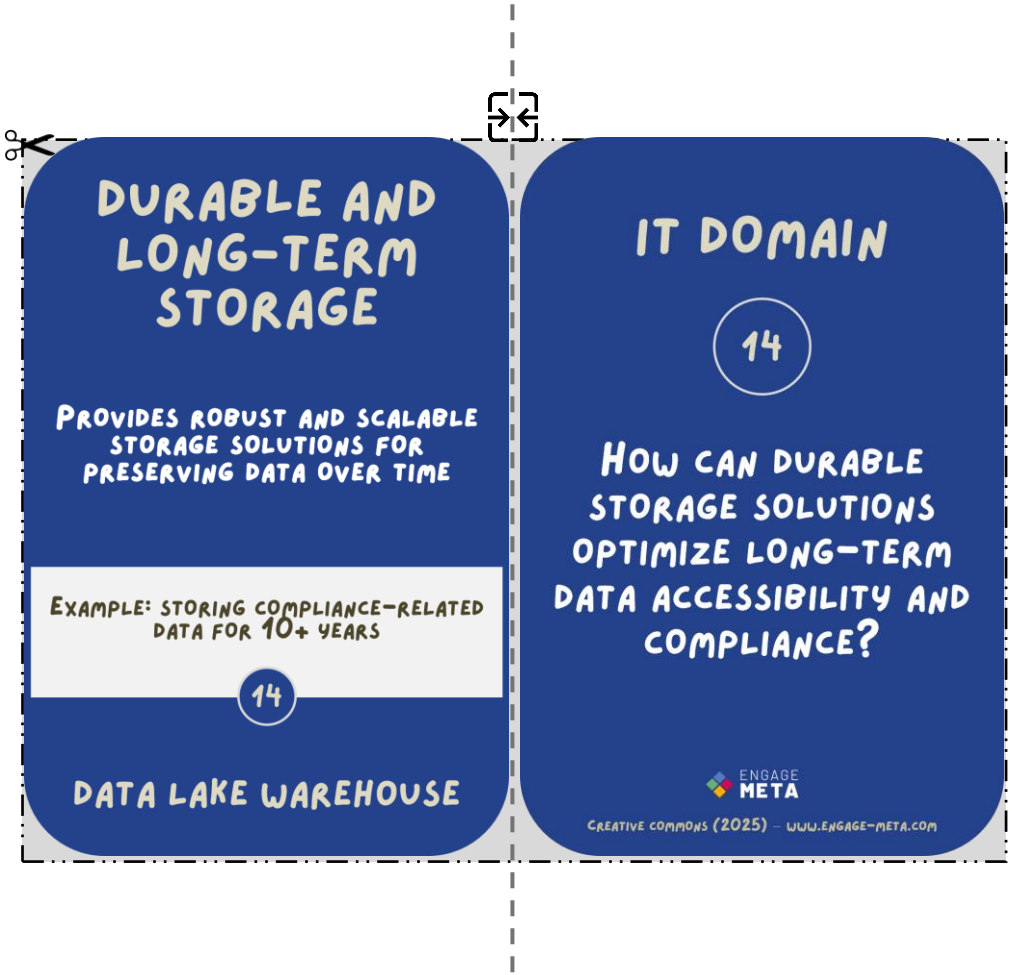
DURABLE AND LONG-TERM STORAGE
PROVIDES ROBUST AND SCALABLE STORAGE SOLUTIONS FOR PRESERVING DATA OVER TIME
EXAMPLE: STORING COMPLIANCE-RELATED DATA FOR 10+ YEARS
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DATA LAKE WAREHOUSE
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HOW CAN DURABLE STORAGE SOLUTIONS OPTIMIZE LONG-TERM DATA ACCESSIBILITY AND COMPLIANCE?
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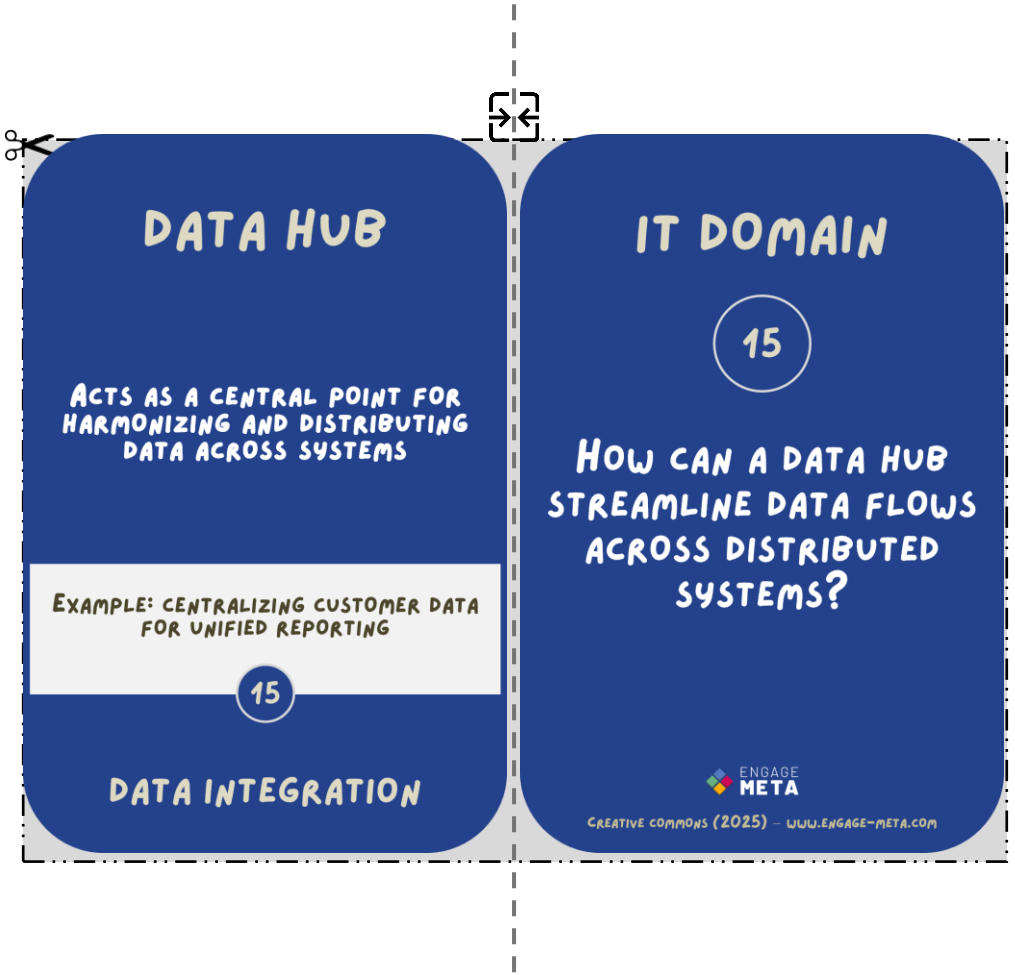
DATA HUB
ACTS AS A CENTRAL POINT FOR HARMONIZING AND DISTRIBUTING DATA ACROSS SYSTEMS
EXAMPLE: CENTRALIZING CUSTOMER DATA FOR UNIFIED REPORTING
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DATA INTEGRATION
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HOW CAN A DATA HUB STREAMLINE DATA FLOWS ACROSS DISTRIBUTED SYSTEMS?
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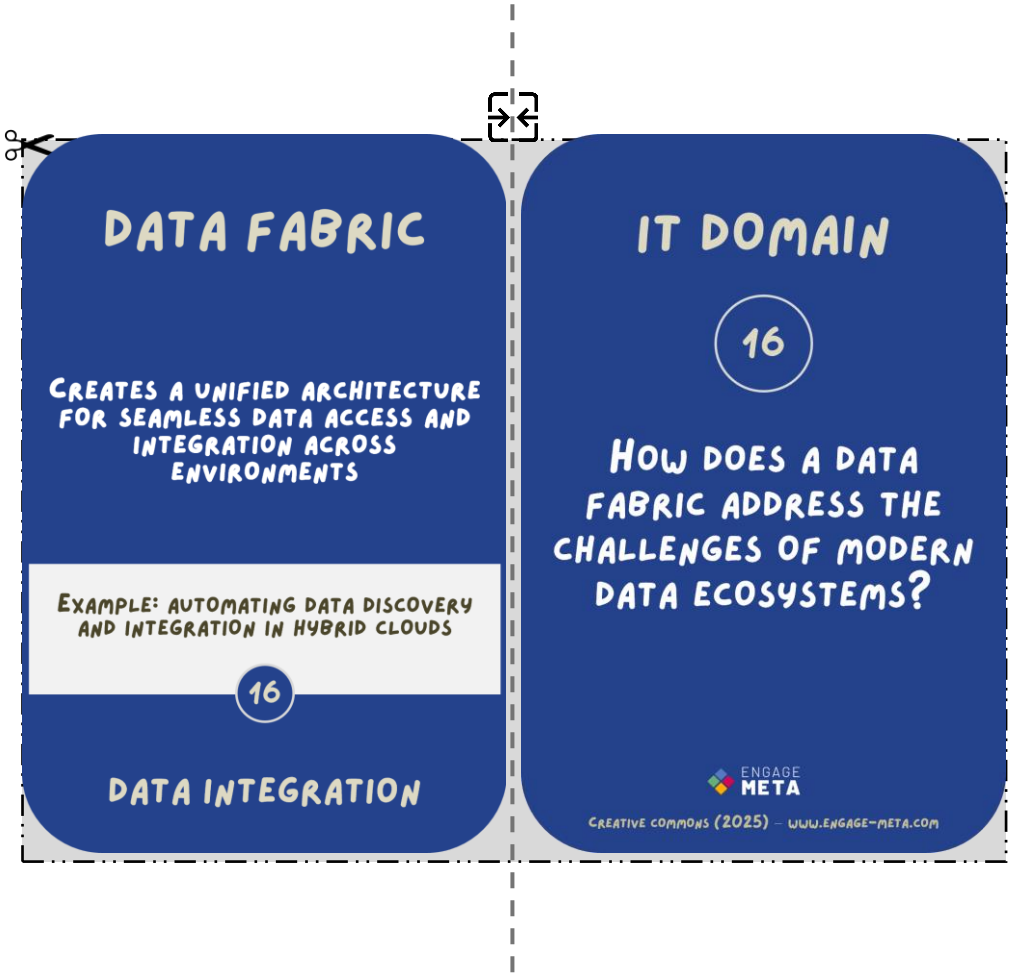
DATA FABRIC
CREATES A UNIFIED ARCHITECTURE FOR SEAMLESS DATA ACCESS AND INTEGRATION ACROSS ENVIRONMENTS
EXAMPLE: AUTOMATING DATA DISCOVERY AND INTEGRATION IN HYBRID CLOUDS
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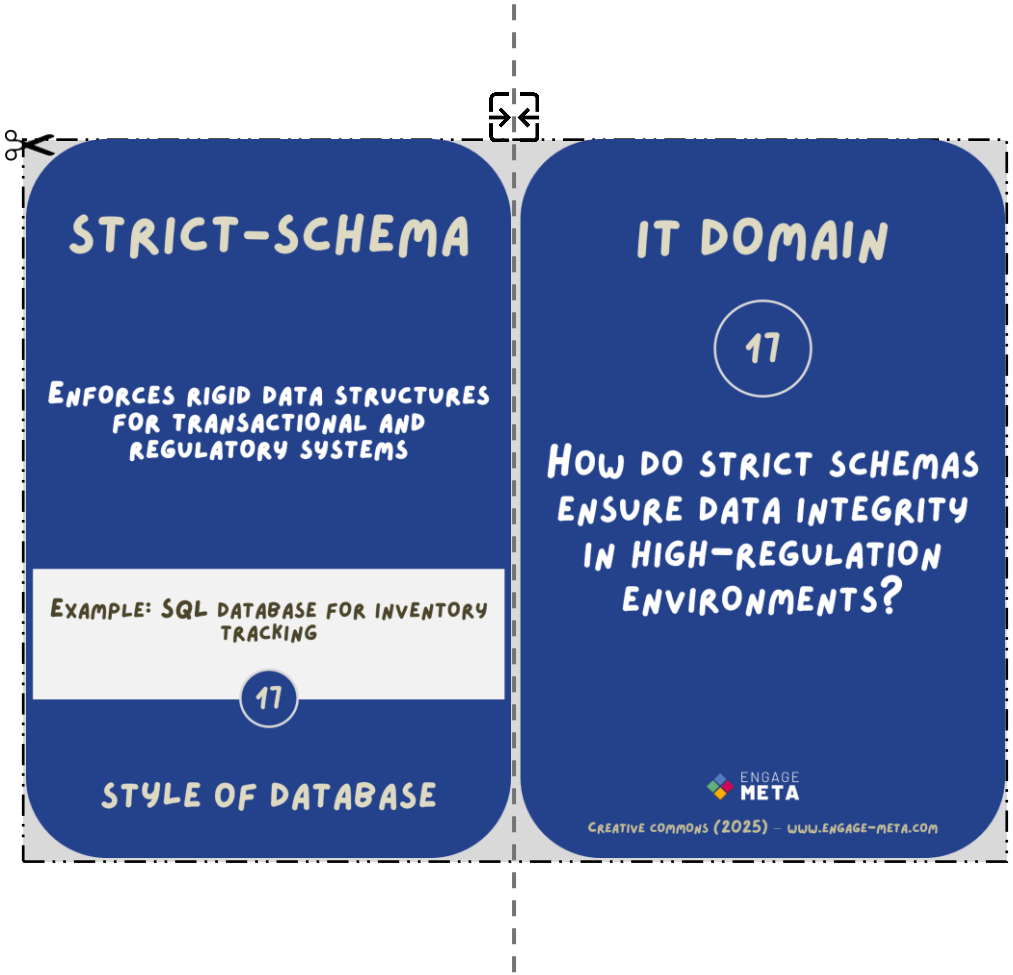
STRICT-SCHEMA
ENFORCES RIGID DATA STRUCTURES FOR TRANSACTIONAL AND REGULATORY SYSTEMS
EXAMPLE: SQL DATABASE FOR INVENTORY TRACKING
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HOW DO STRICT SCHEMAS ENSURE DATA INTEGRITY IN HIGH-REGULATION ENVIRONMENTS?
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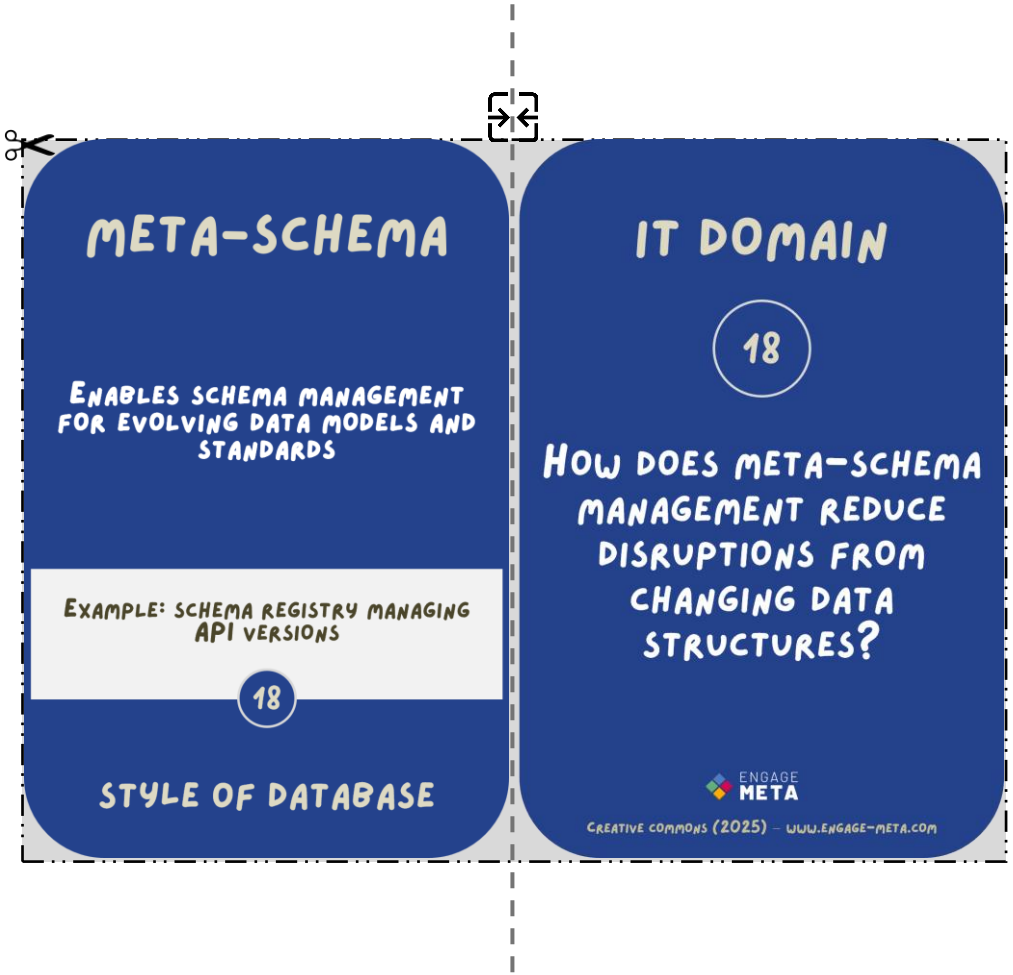
META-SCHEMA
ENABLES SCHEMA MANAGEMENT FOR EVOLVING DATA MODELS AND STANDARDS
EXAMPLE: SCHEMA REGISTRY MANAGING API VERSIONS
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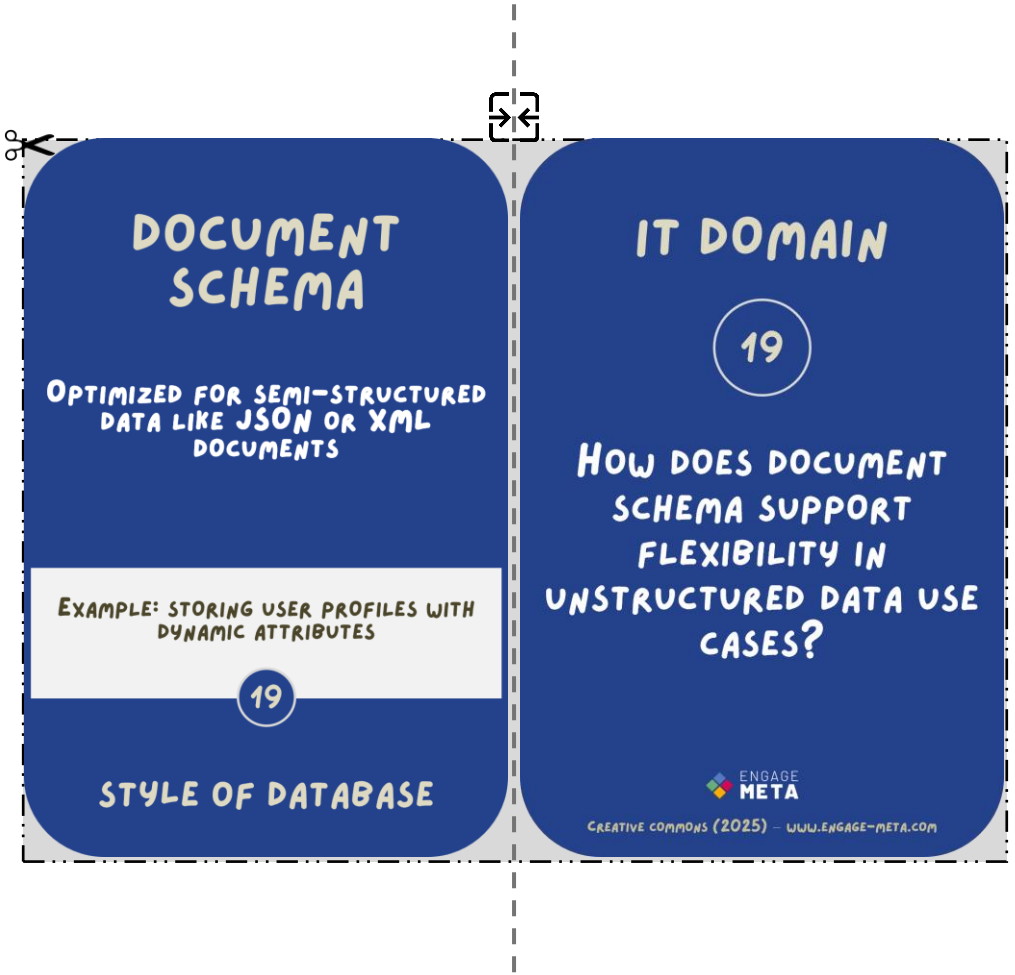
DOCUMENT SCHEMA
Optimized for semi-structured data like JSON or XML documents
Example: storing user profiles with dynamic attributes
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STYLE OF DATABASE
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How does document schema support flexibility in unstructured data use cases?
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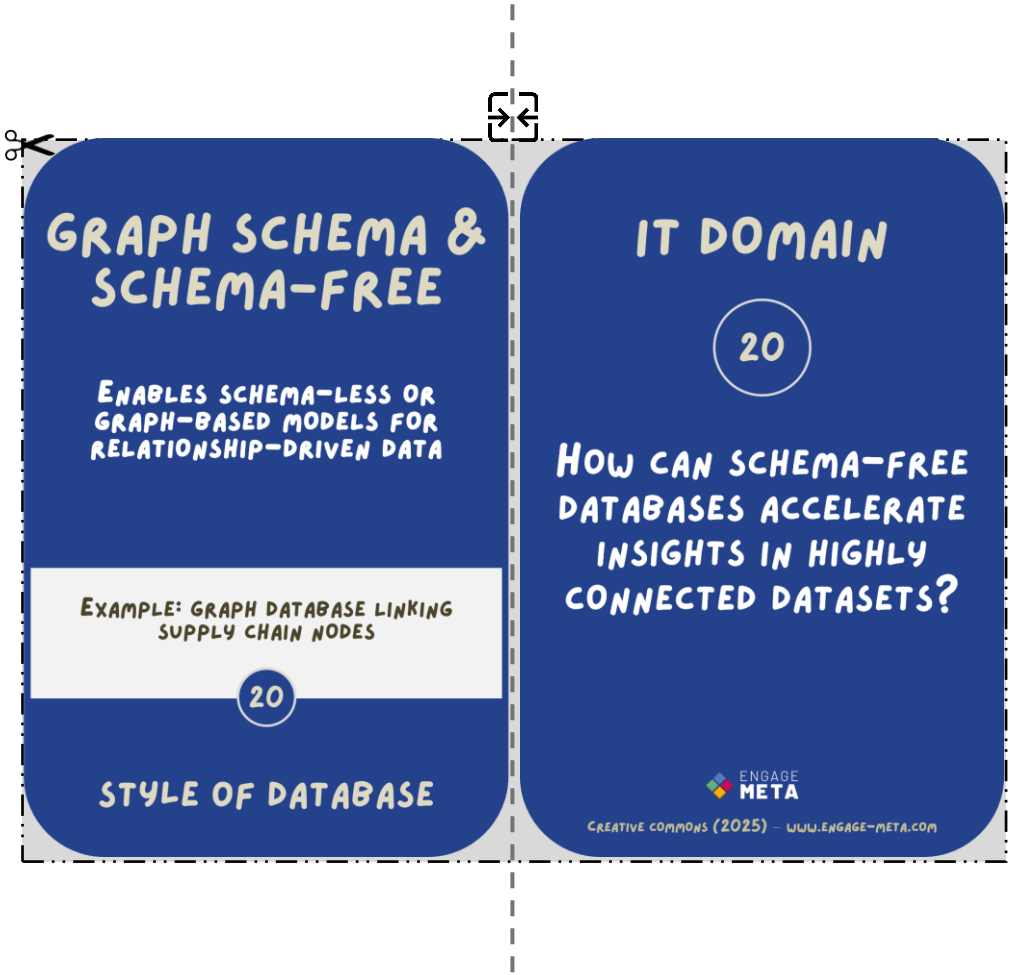
GRAPH SCHEMA & SCHEMA-FREE
Enables schema-less or graph-based models for relationship-driven data
Example: graph database linking supply chain nodes
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STYLE OF DATABASE
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How can schema-free databases accelerate insights in highly connected datasets?
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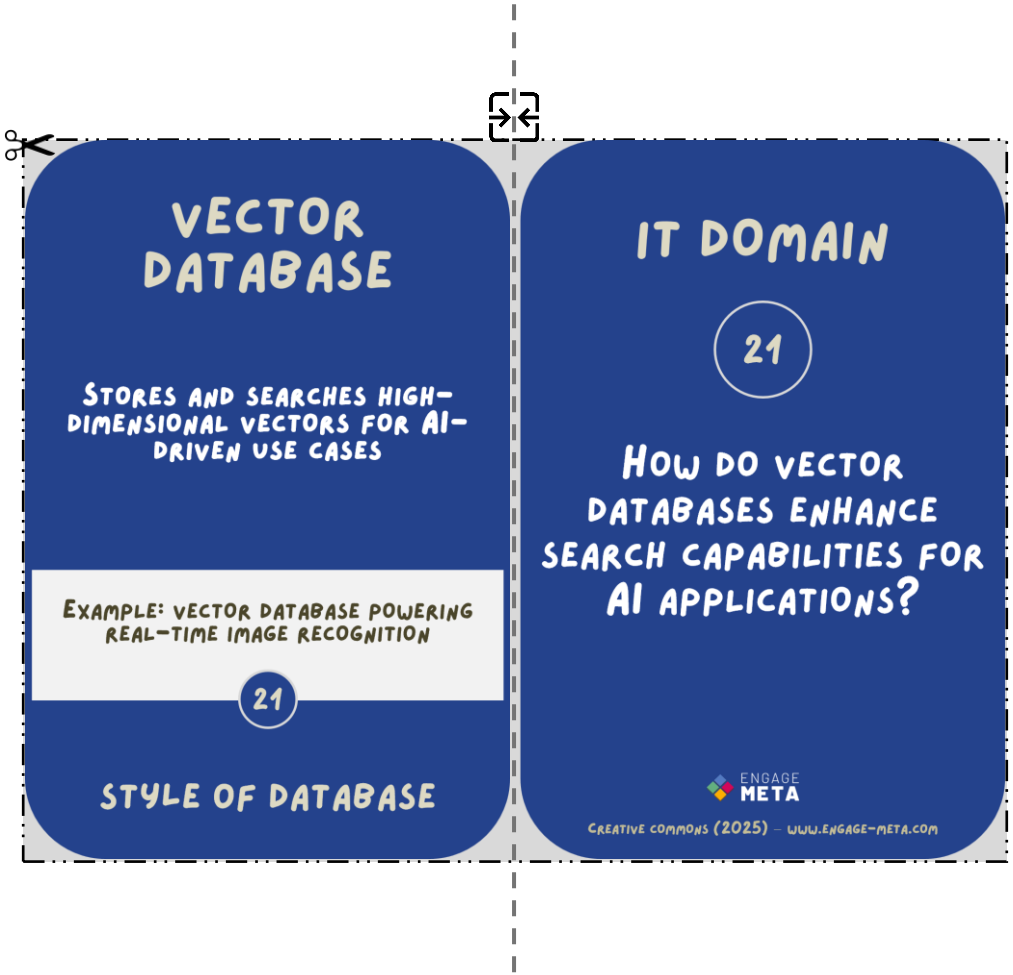
VECTOR DATABASE
STORES AND SEARCHES HIGH-DIMENSIONAL VECTORS FOR AI-DRIVEN USE CASES
EXAMPLE: VECTOR DATABASE POWERING REAL-TIME IMAGE RECOGNITION
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HOW DO VECTOR DATABASES ENHANCE SEARCH CAPABILITIES FOR AI APPLICATIONS?
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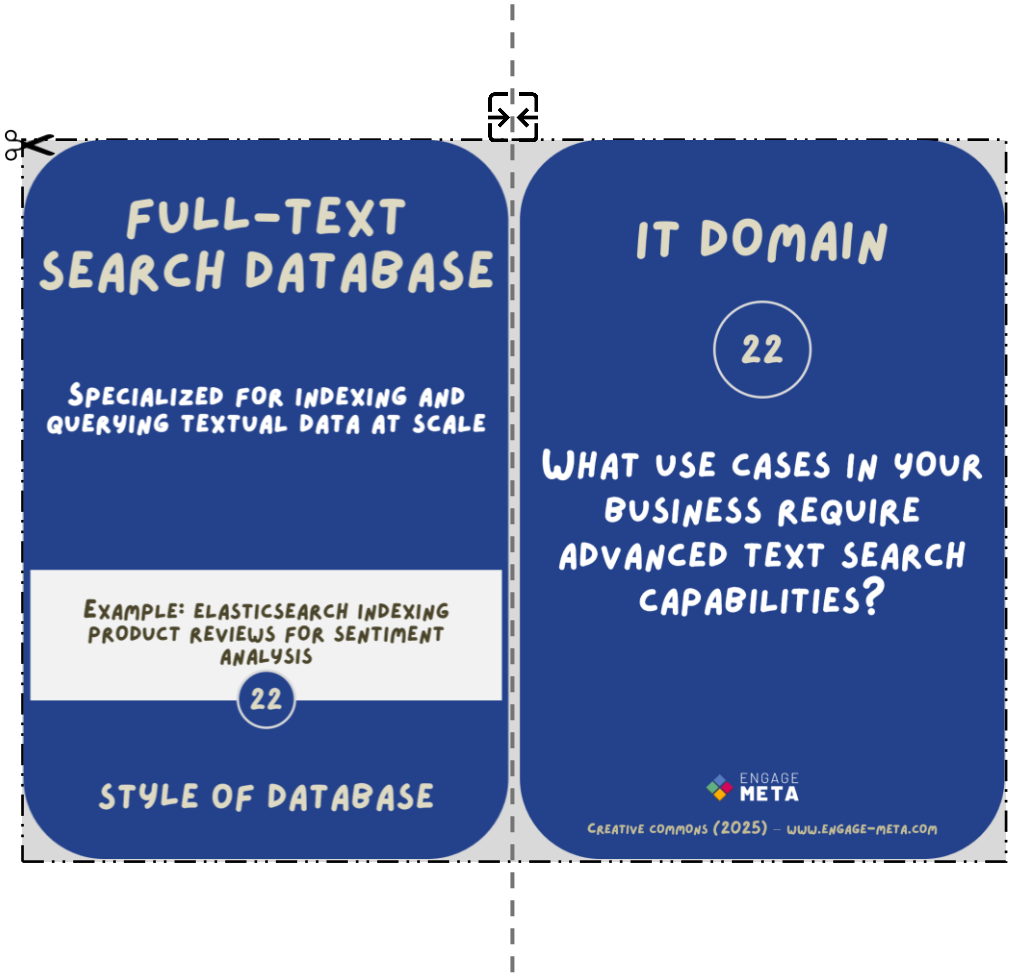
FULL-TEXT SEARCH DATABASE
SPECIALIZED FOR INDEXING AND QUERYING TEXTUAL DATA AT SCALE
EXAMPLE: ELASTICSEARCH INDEXING PRODUCT REVIEWS FOR SENTIMENT ANALYSIS
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WHAT USE CASES IN YOUR BUSINESS REQUIRE ADVANCED TEXT SEARCH CAPABILITIES?
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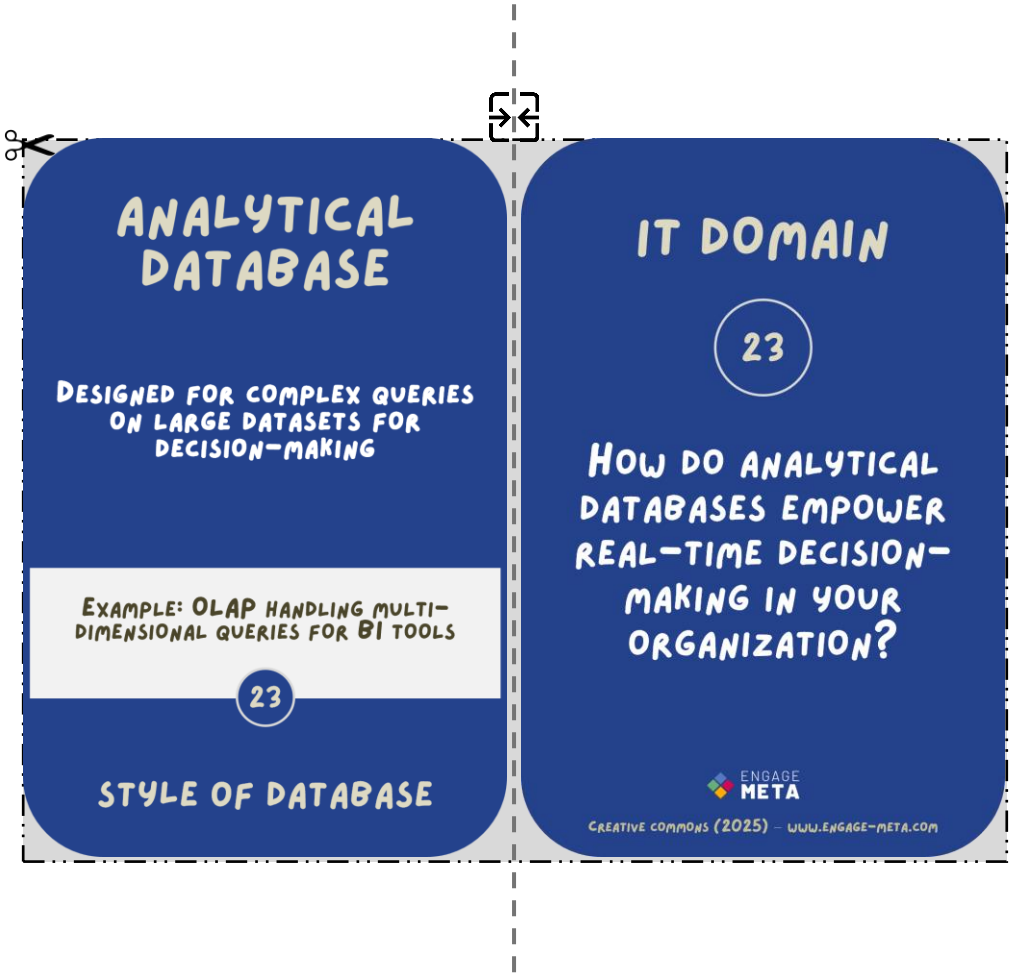
ANALYTICAL DATABASE
DESIGNED FOR COMPLEX QUERIES ON LARGE DATASETS FOR DECISION-MAKING
EXAMPLE: OLAP HANDLING MULTI-DIMENSIONAL QUERIES FOR BI TOOLS
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HOW DO ANALYTICAL DATABASES EMPOWER REAL-TIME DECISION-MAKING IN YOUR ORGANIZATION?
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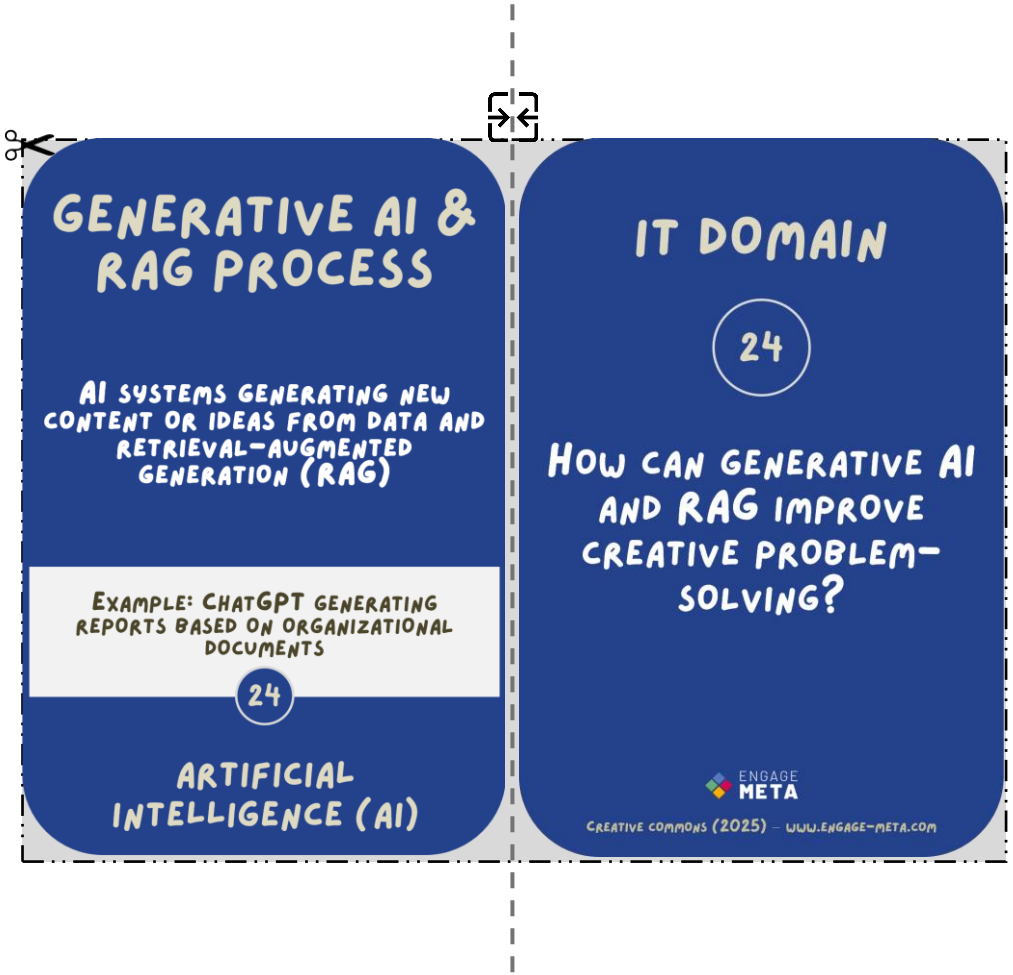
GENERATIVE AI & RAG PROCESS
AI SYSTEMS GENERATING NEW CONTENT OR IDEAS FROM DATA AND RETRIEVAL-AUGMENTED GENERATION (RAG)
EXAMPLE: CHATGPT GENERATING REPORTS BASED ON ORGANIZATIONAL DOCUMENTS
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ARTIFICIAL INTELLIGENCE (AI)
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HOW CAN GENERATIVE AI AND RAG IMPROVE CREATIVE PROBLEM-SOLVING?
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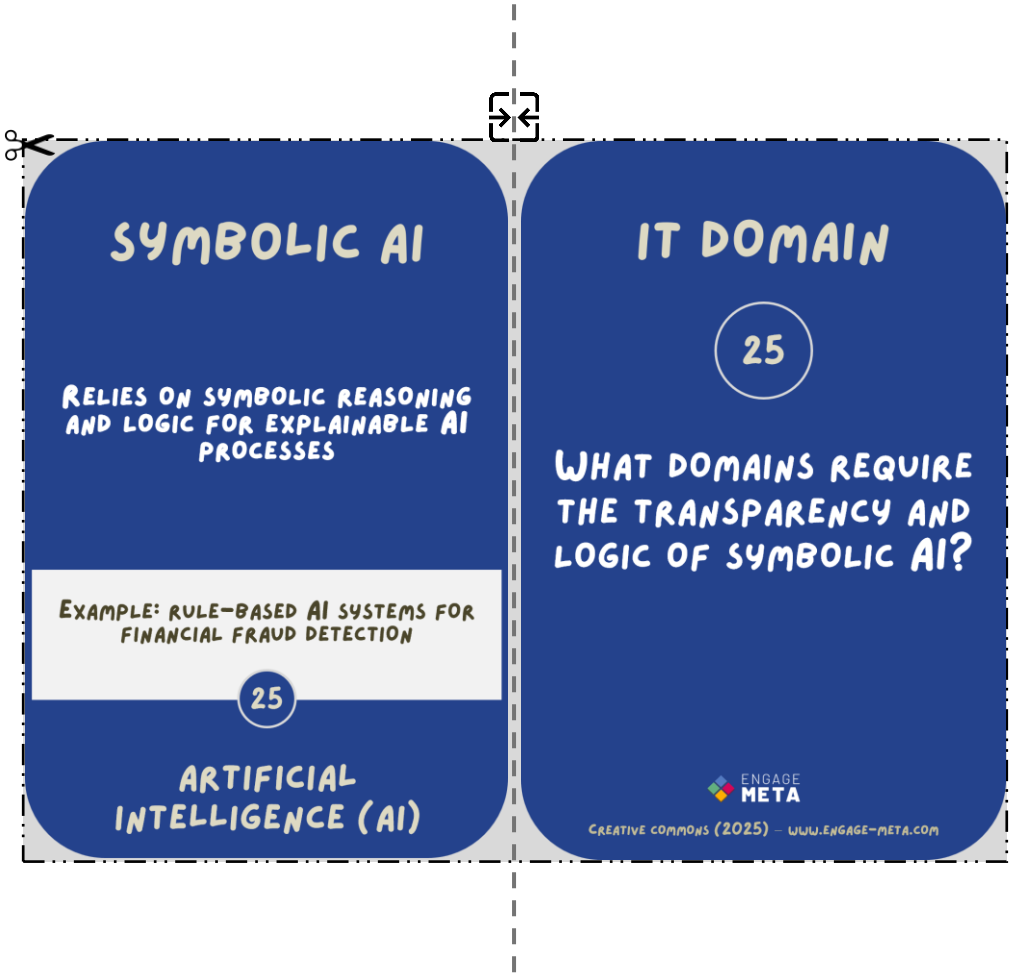
SYMBOLIC AI
RELIES ON SYMBOLIC REASONING AND LOGIC FOR EXPLAINABLE AI PROCESSES
EXAMPLE: RULE-BASED AI SYSTEMS FOR FINANCIAL FRAUD DETECTION
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WHAT DOMAINS REQUIRE THE TRANSPARENCY AND LOGIC OF SYMBOLIC AI?
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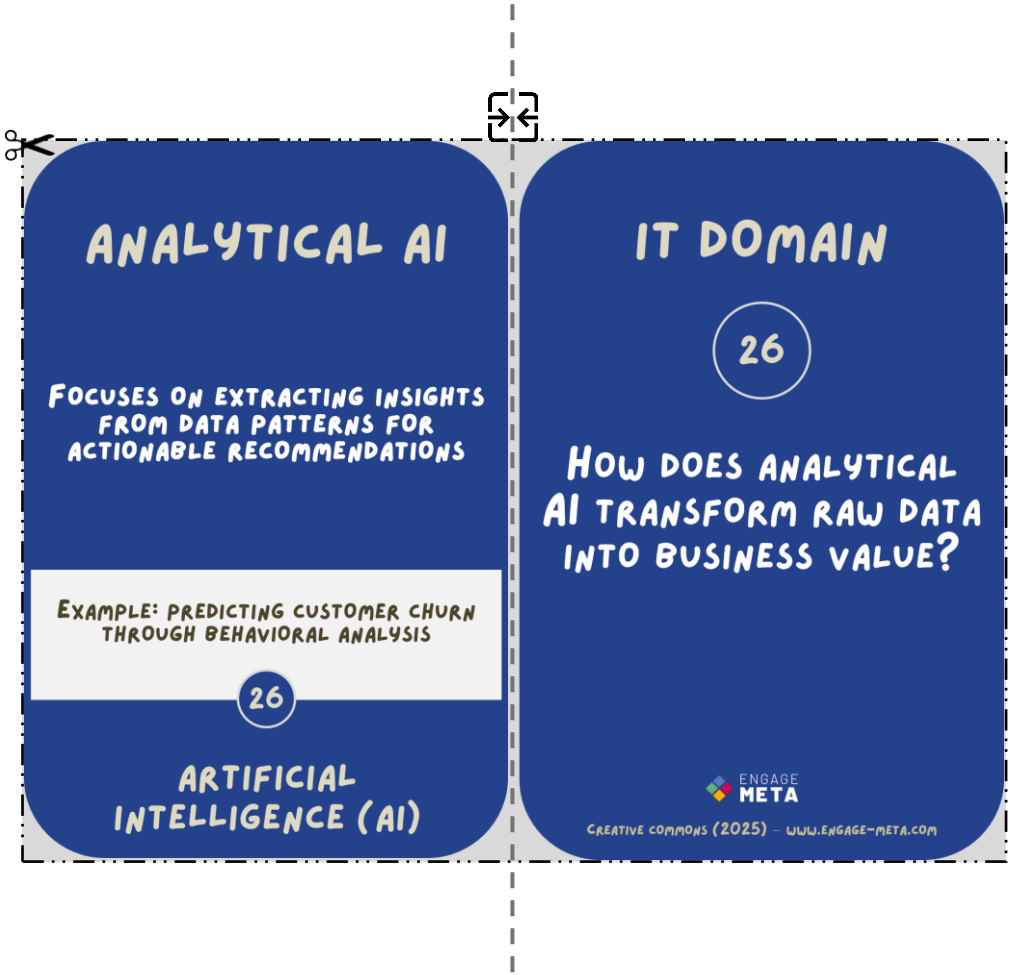
ANALYTICAL AI
FOCUSES ON EXTRACTING INSIGHTS FROM DATA PATTERNS FOR ACTIONABLE RECOMMENDATIONS
EXAMPLE: PREDICTING CUSTOMER CHURN THROUGH BEHAVIORAL ANALYSIS
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HOW DOES ANALYTICAL AI TRANSFORM RAW DATA INTO BUSINESS VALUE?
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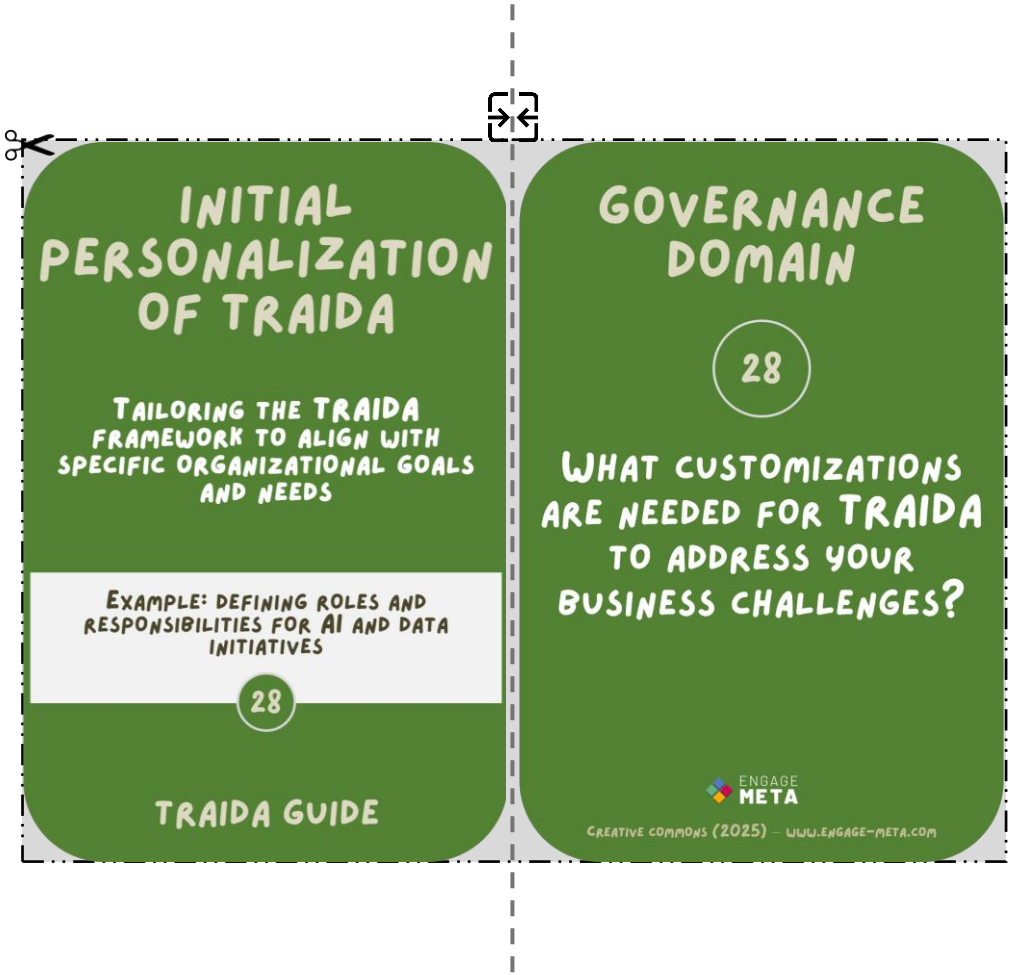

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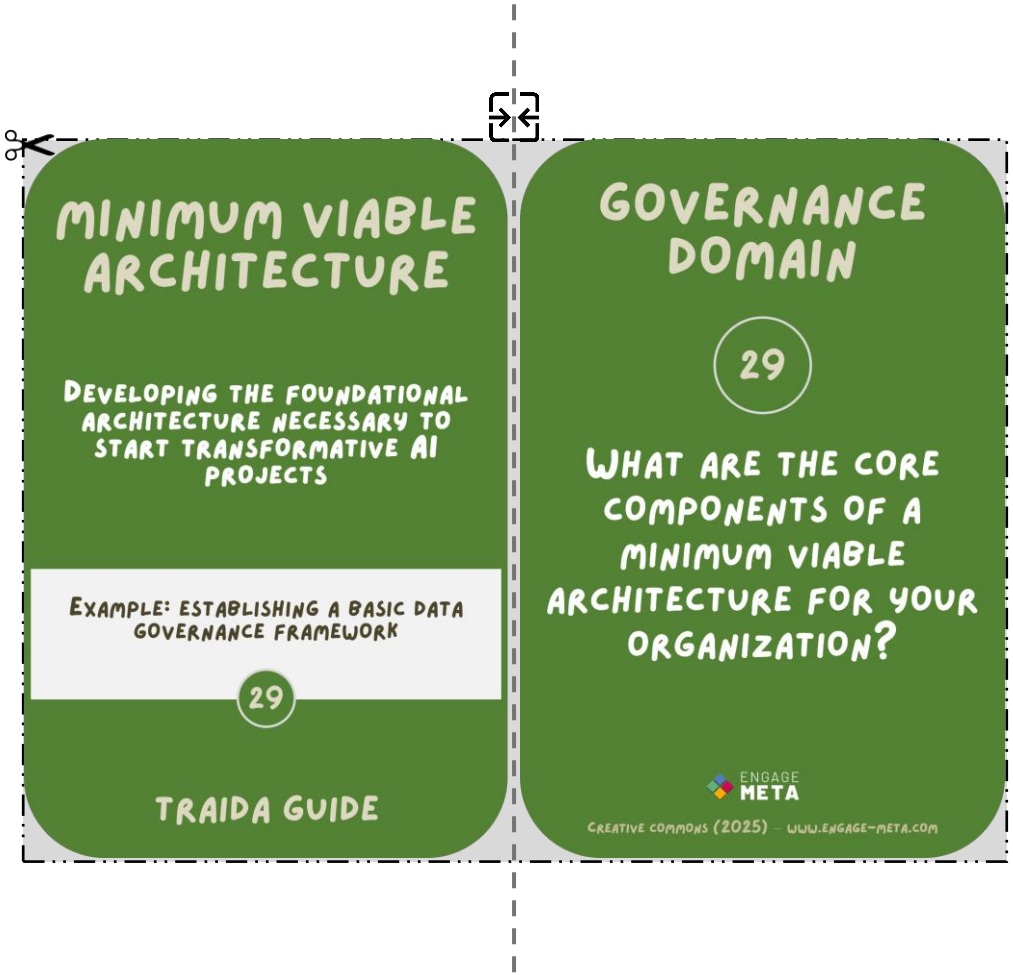

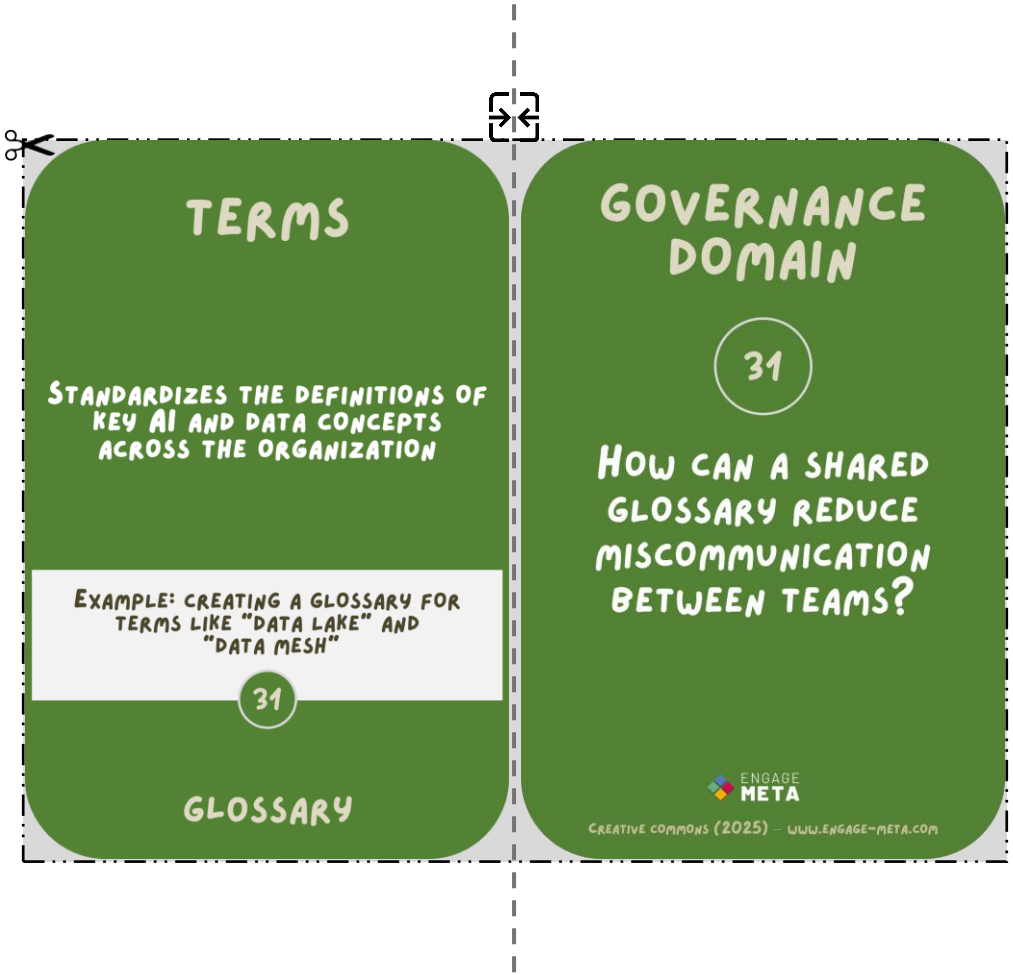
TERMS
STANDARDIZES THE DEFINITIONS OF KEY AI AND DATA CONCEPTS ACROSS THE ORGANIZATION
EXAMPLE: CREATING A GLOSSARY FOR TERMS LIKE "DATA LAKE" AND "DATA MESH"
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HOW CAN A SHARED GLOSSARY REDUCE MISCOMMUNICATION BETWEEN TEAMS?
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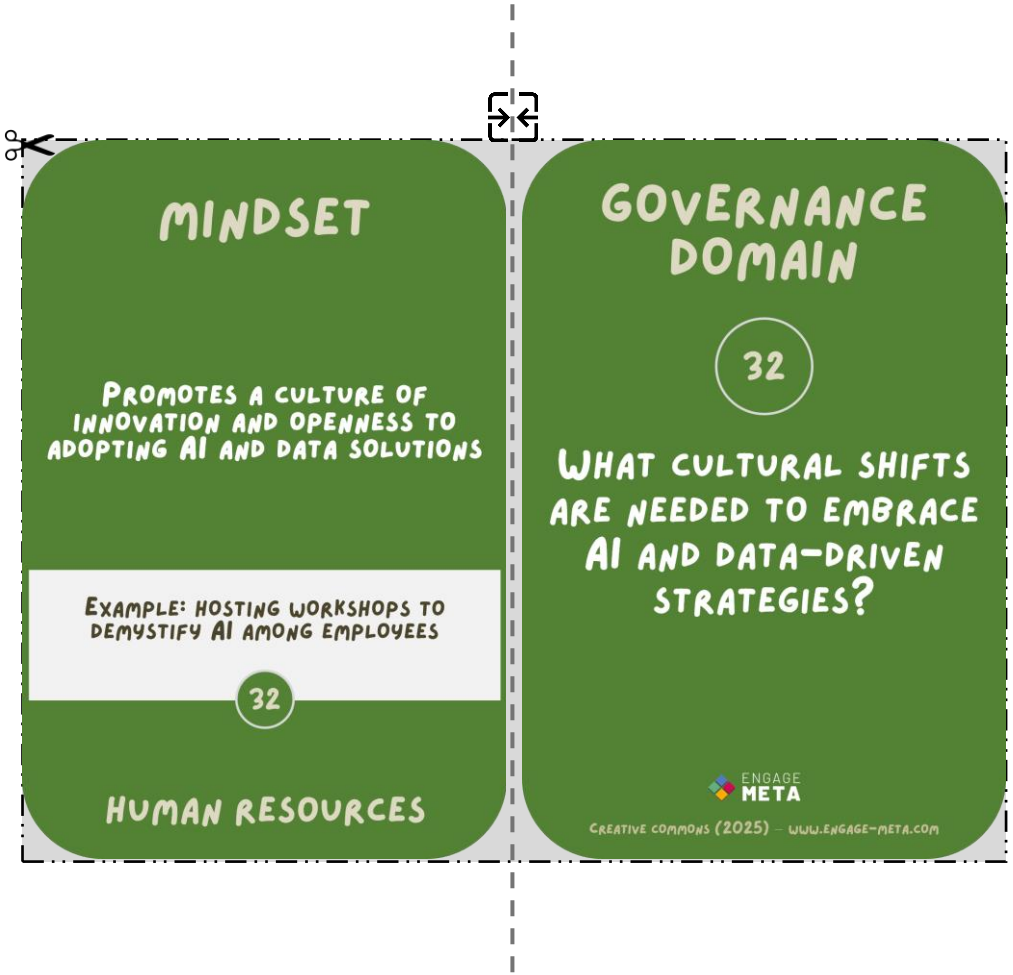
MINDSET
PROMOTES A CULTURE OF INNOVATION AND OPENNESS TO ADOPTING AI AND DATA SOLUTIONS
EXAMPLE: HOSTING WORKSHOPS TO DEMYSTIFY AI AMONG EMPLOYEES
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WHAT CULTURAL SHIFTS ARE NEEDED TO EMBRACE AI AND DATA-DRIVEN STRATEGIES?
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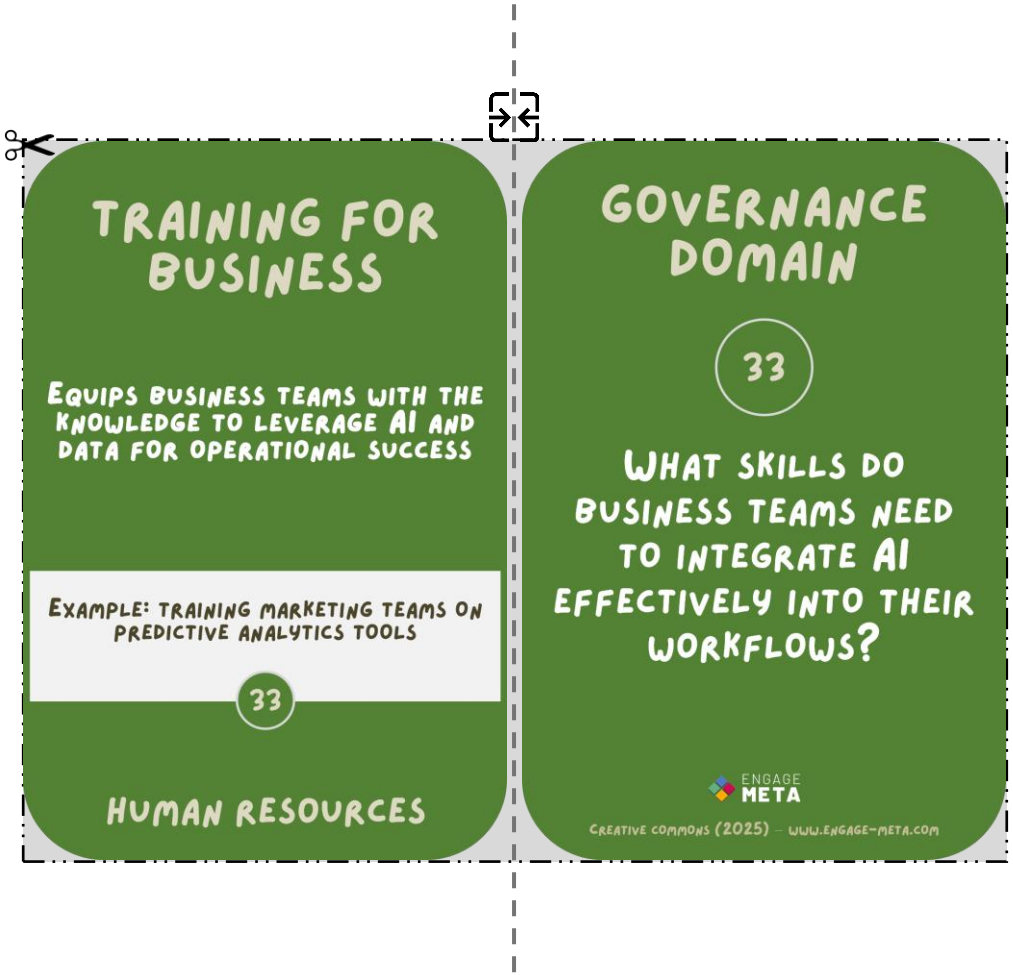

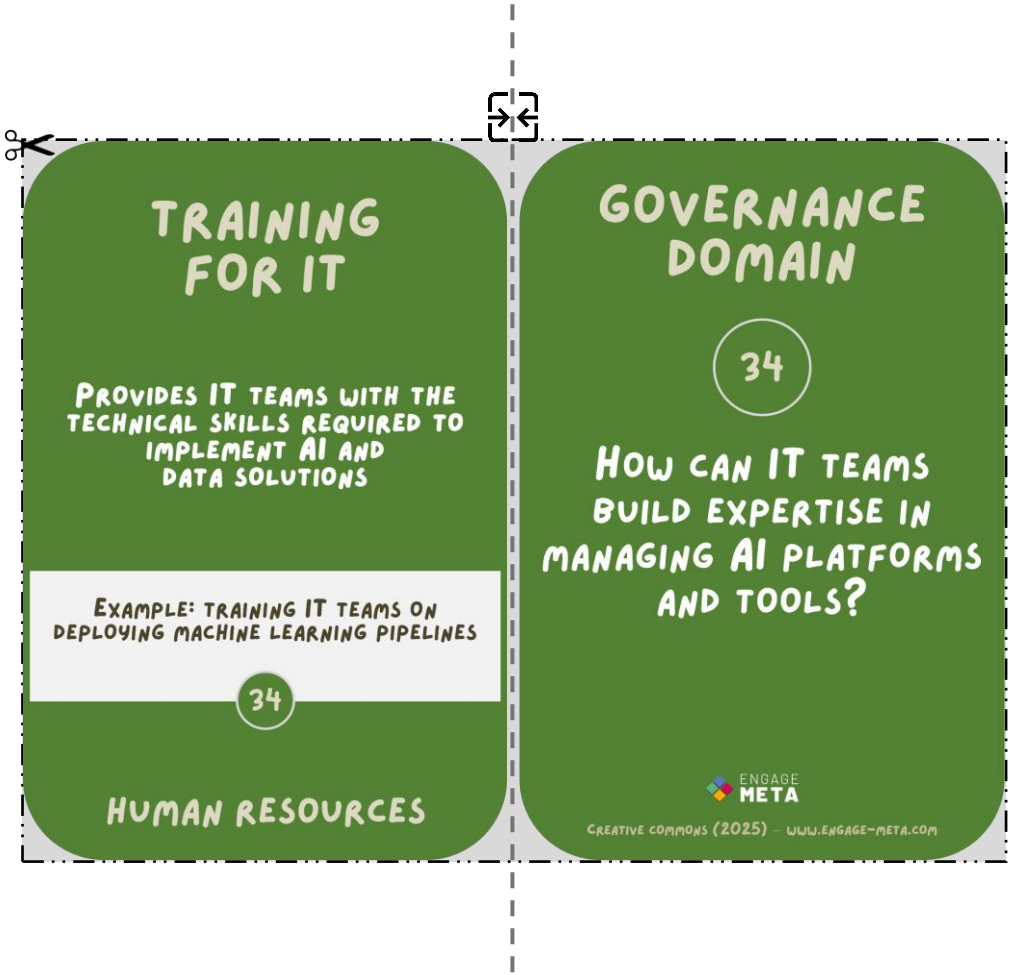

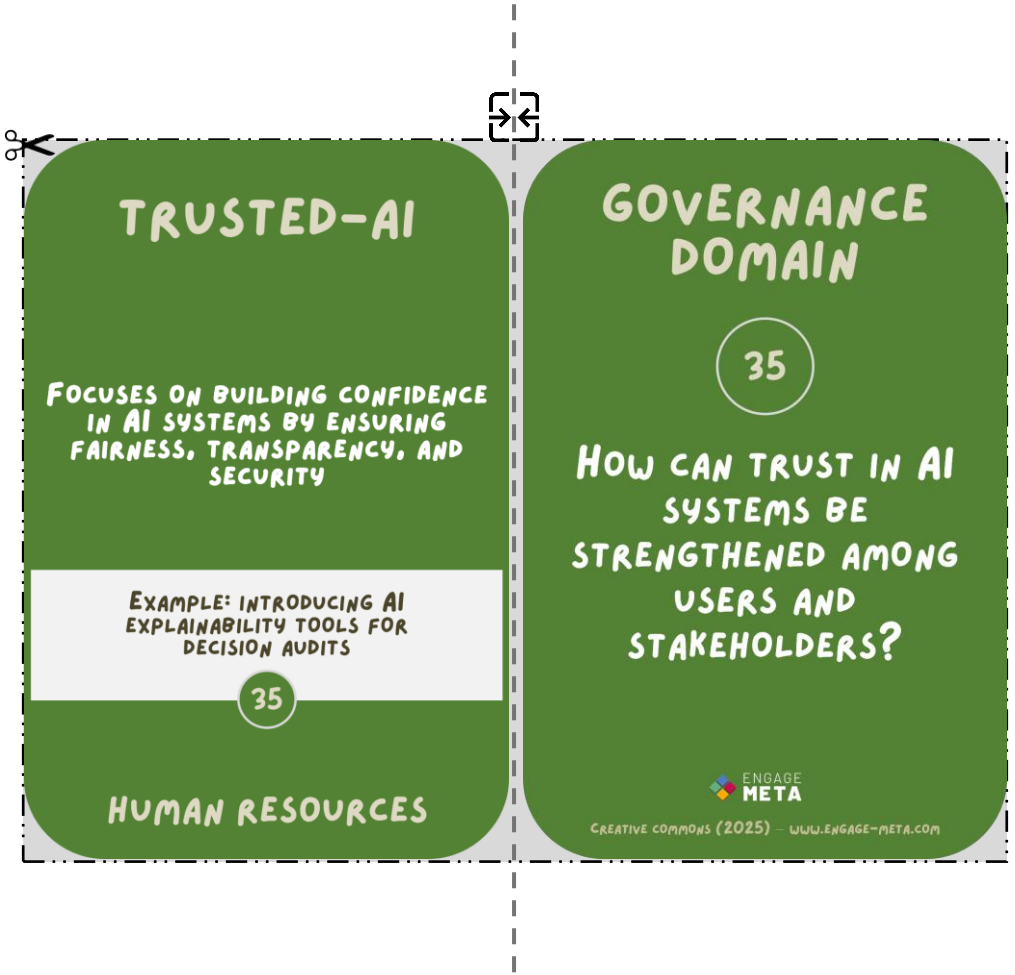
TRUSTED-AI
FOCUSES ON BUILDING CONFIDENCE IN AI SYSTEMS BY ENSURING FAIRNESS, TRANSPARENCY, AND SECURITY
EXAMPLE: INTRODUCING AI EXPLAINABILITY TOOLS FOR DECISION AUDITS
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HOW CAN TRUST IN AI SYSTEMS BE STRENGTHENED AMONG USERS AND STAKEHOLDERS?
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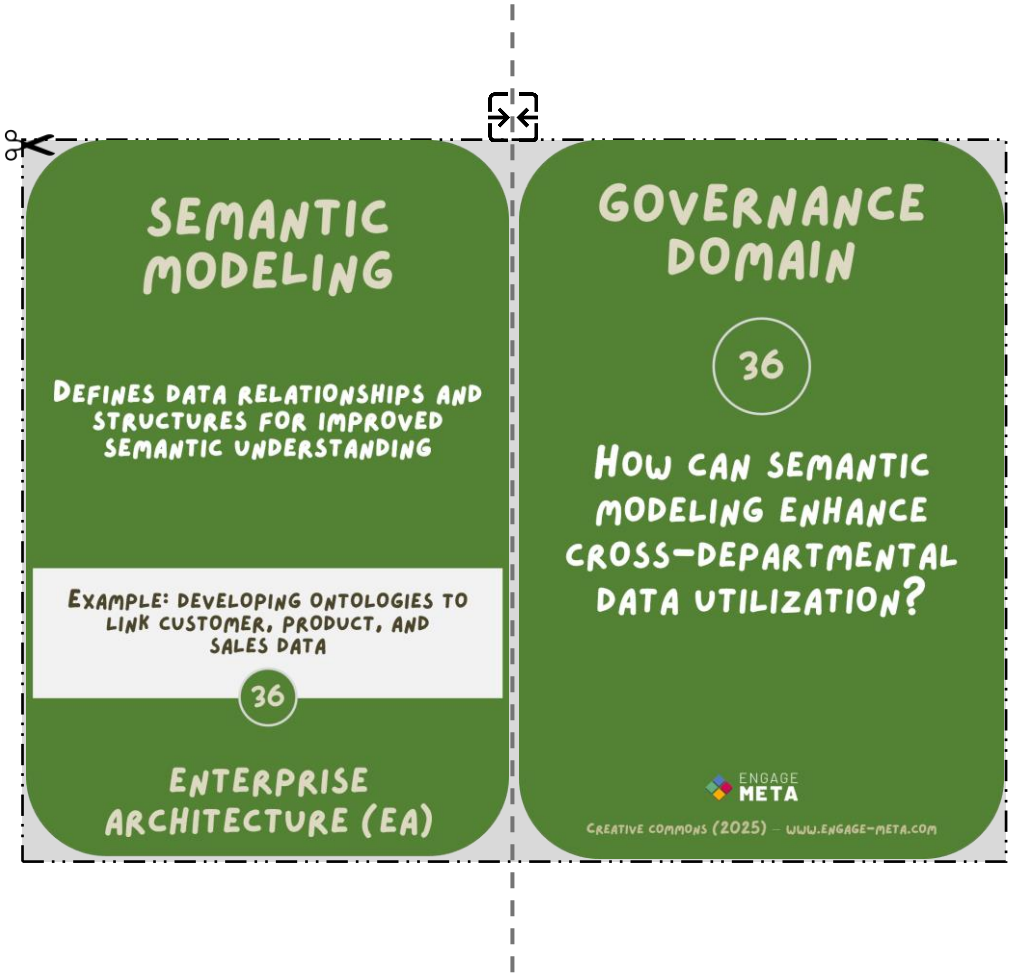
SEMANTIC MODELING
DEFINES DATA RELATIONSHIPS AND STRUCTURES FOR IMPROVED SEMANTIC UNDERSTANDING
EXAMPLE: DEVELOPING ONTOLOGIES TO LINK CUSTOMER, PRODUCT, AND SALES DATA
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HOW CAN SEMANTIC MODELING ENHANCE CROSS-DEPARTMENTAL DATA UTILIZATION?
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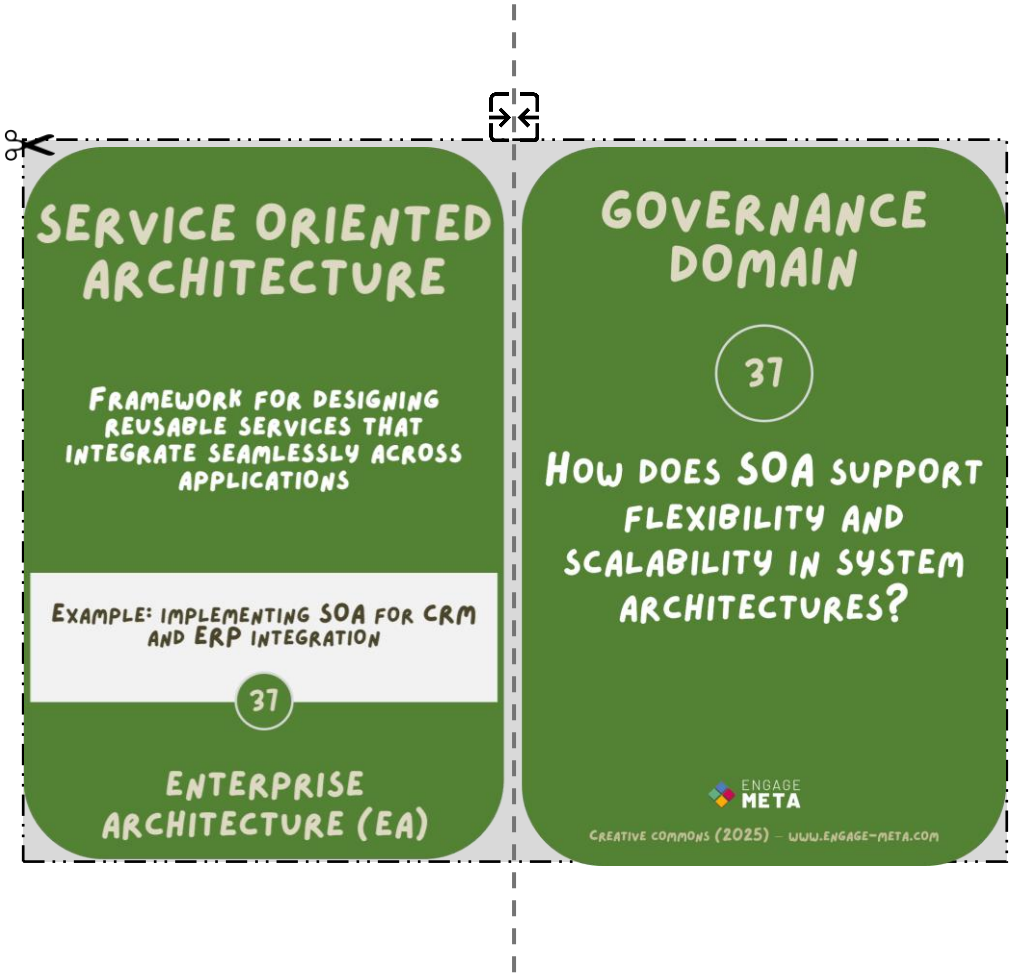

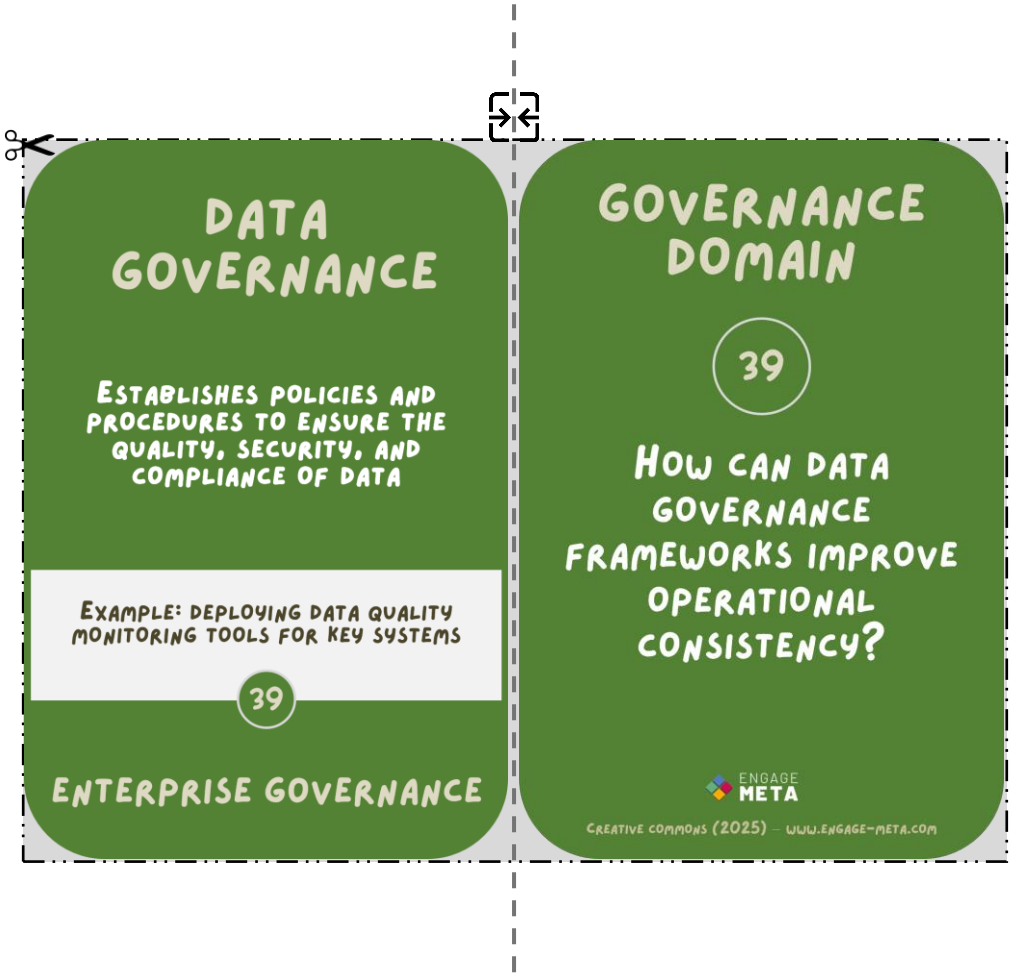
DATA GOVERNANCE
Establishes policies and procedures to ensure the quality, security, and compliance of data
Example: deploying data quality monitoring tools for key systems
39
ENTERPRISE GOVERNANCE
GOVERNANCE DOMAIN
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How can data governance frameworks improve operational consistency?
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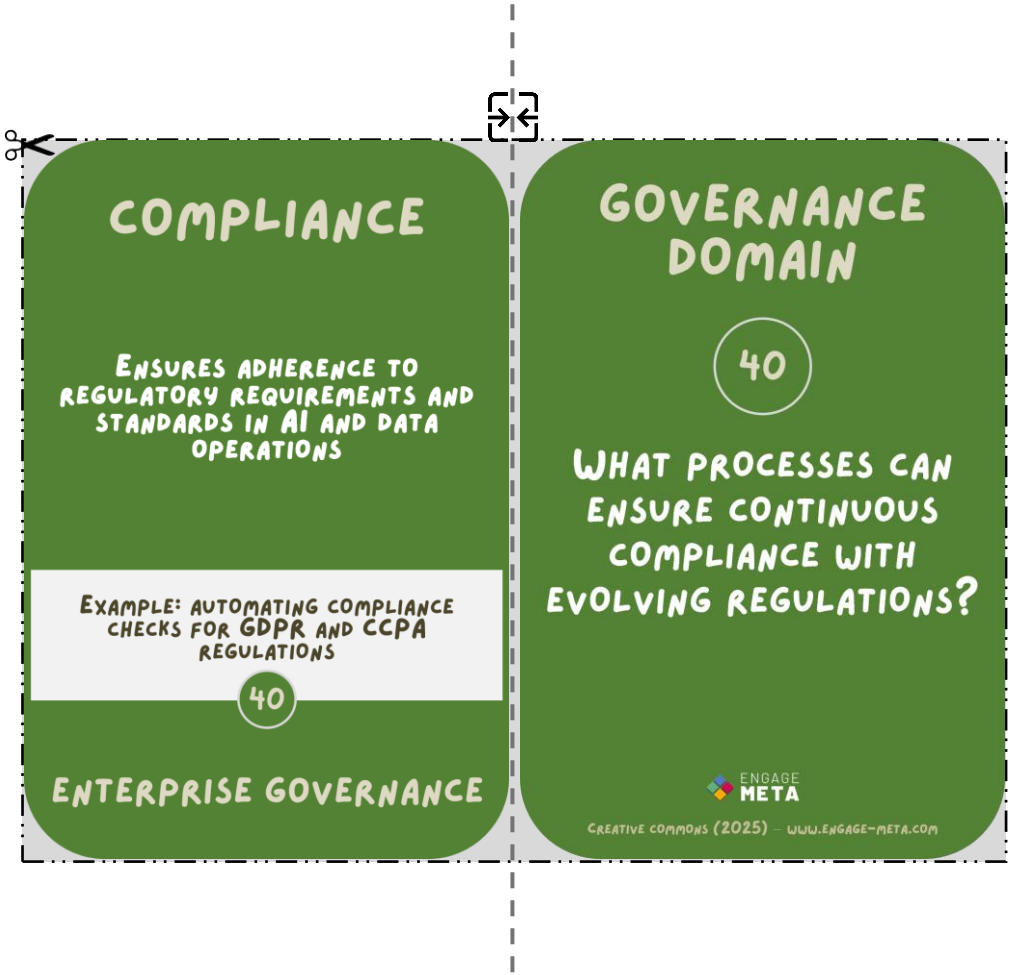
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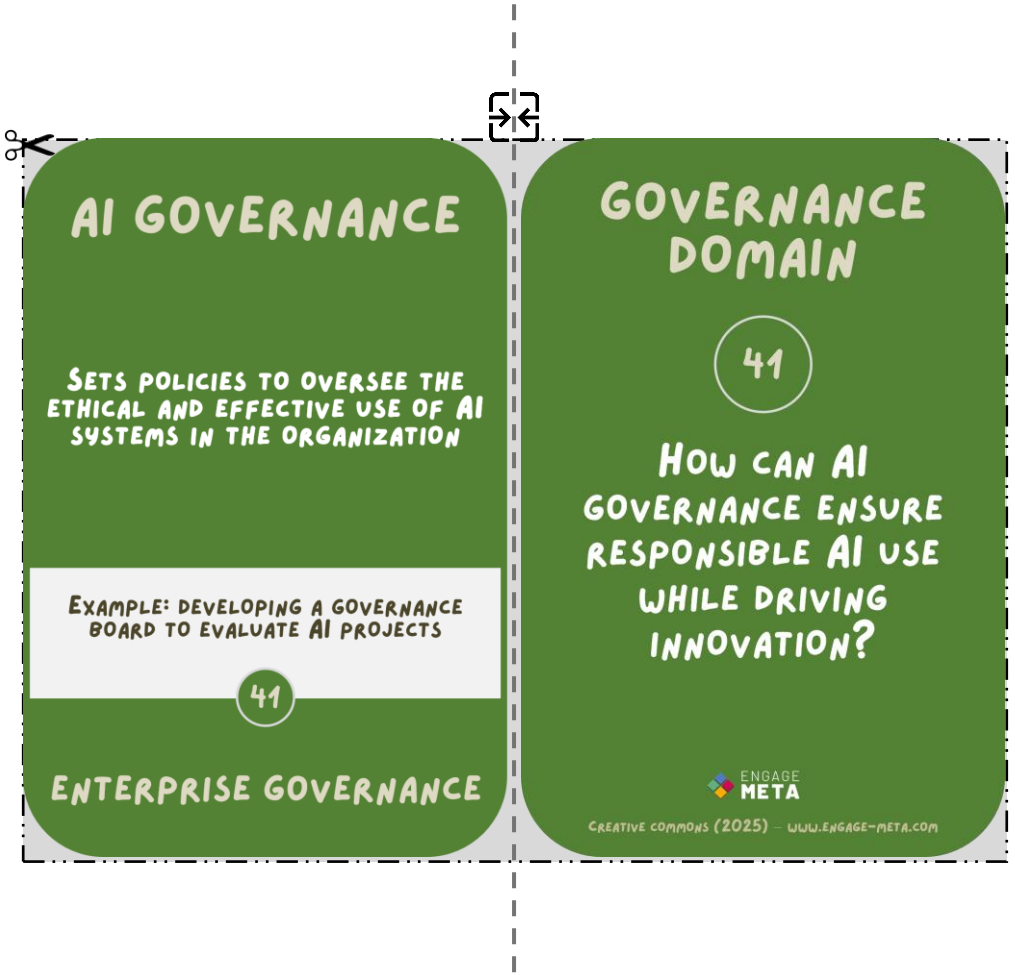
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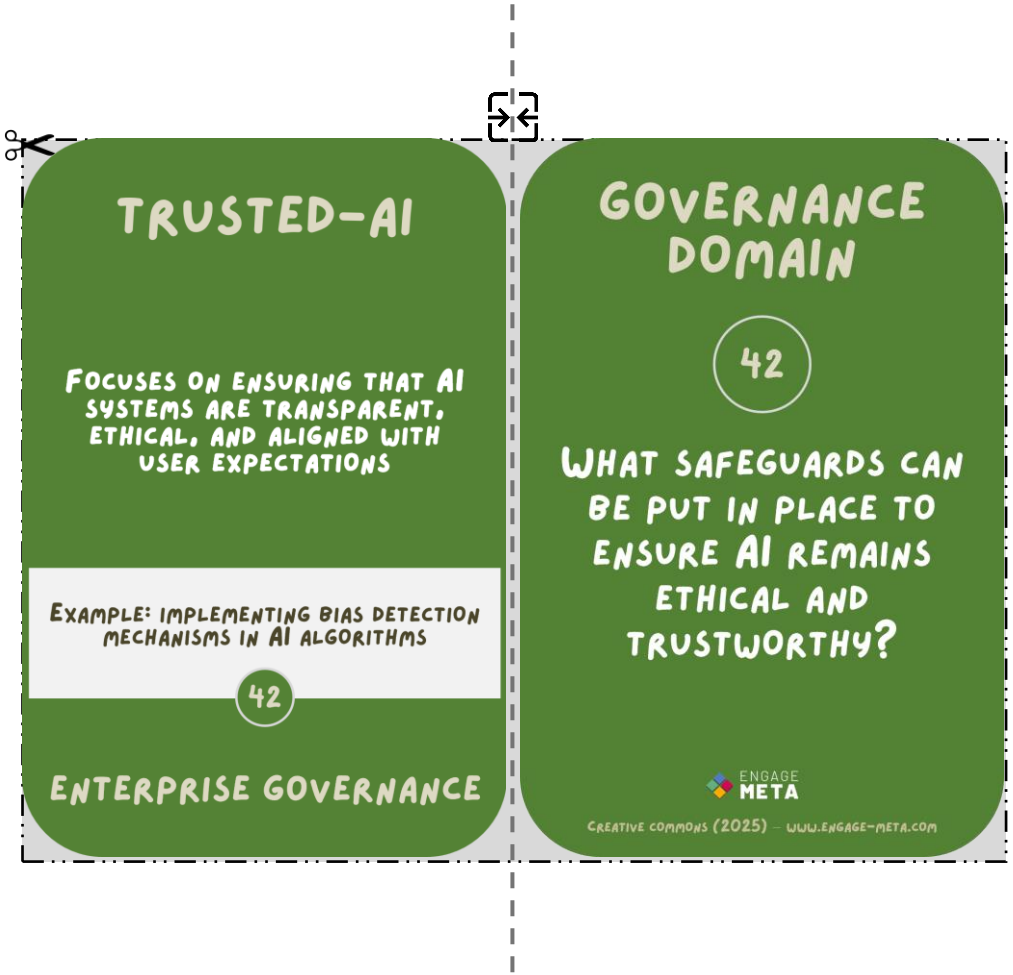
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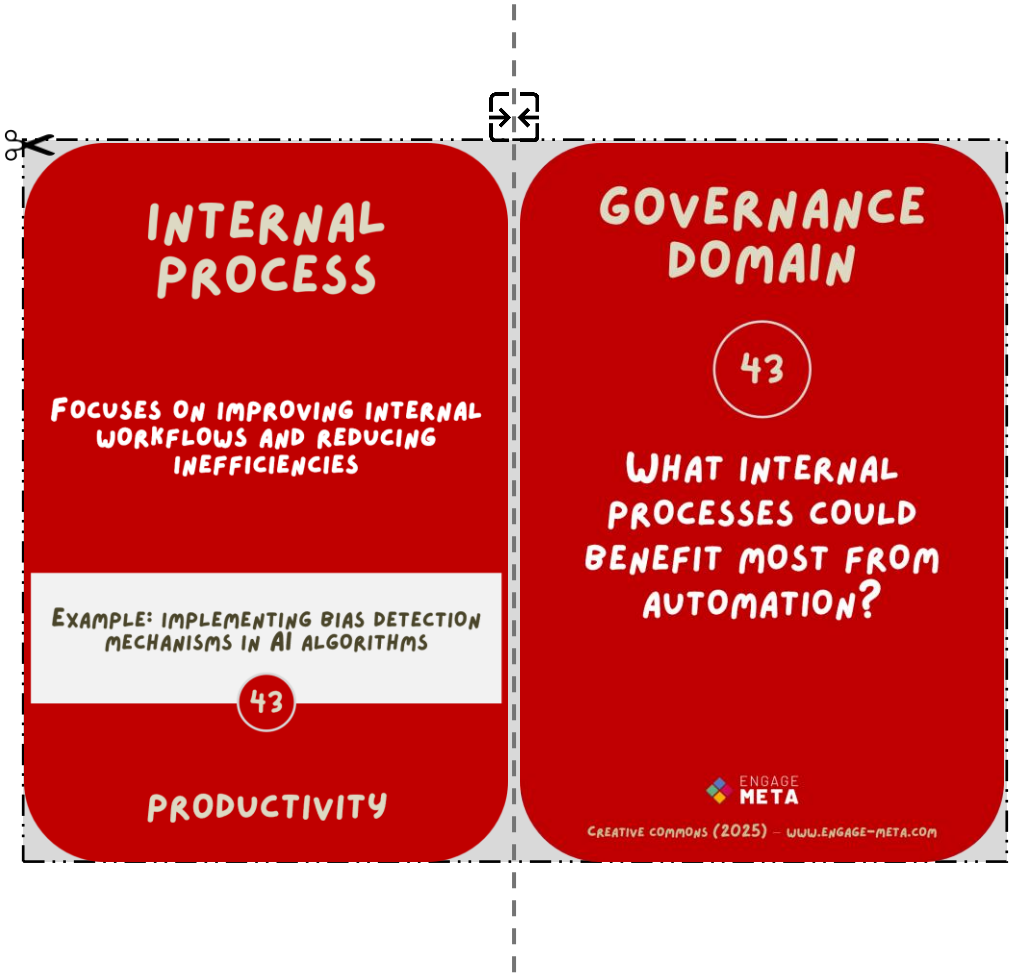
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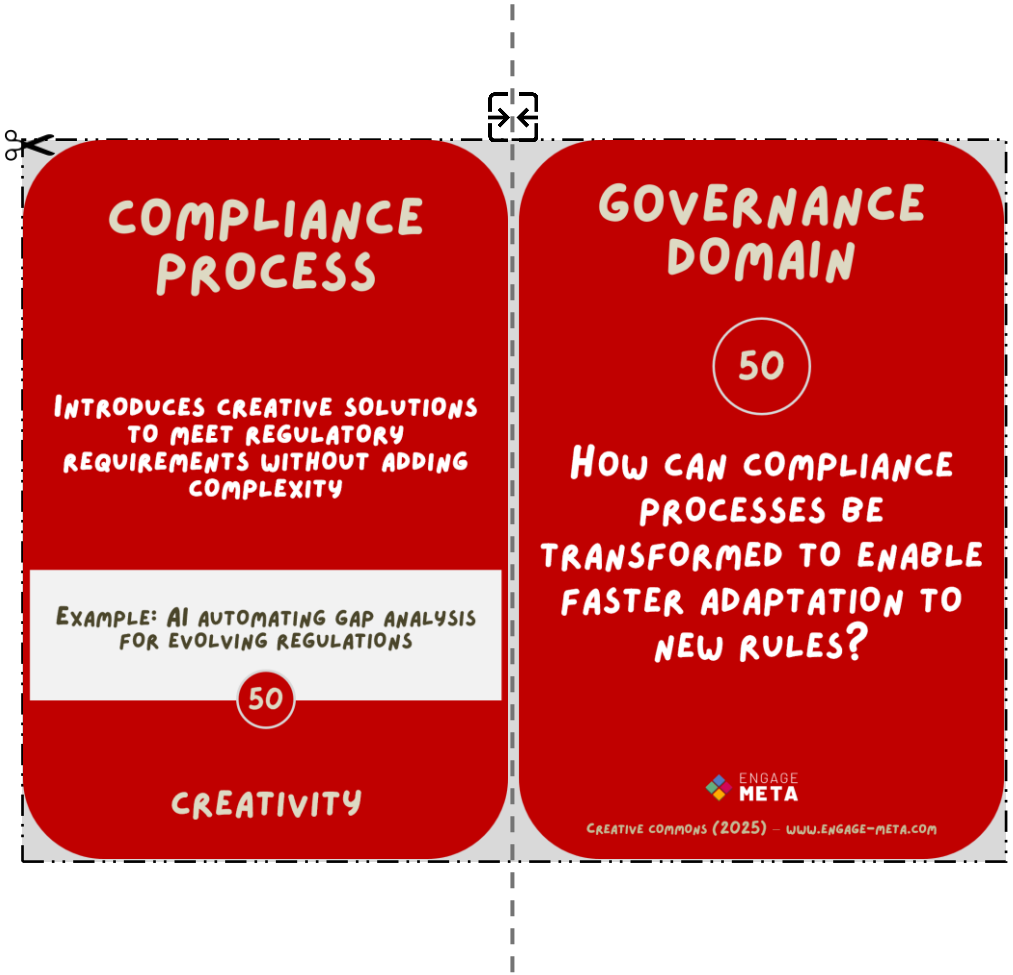
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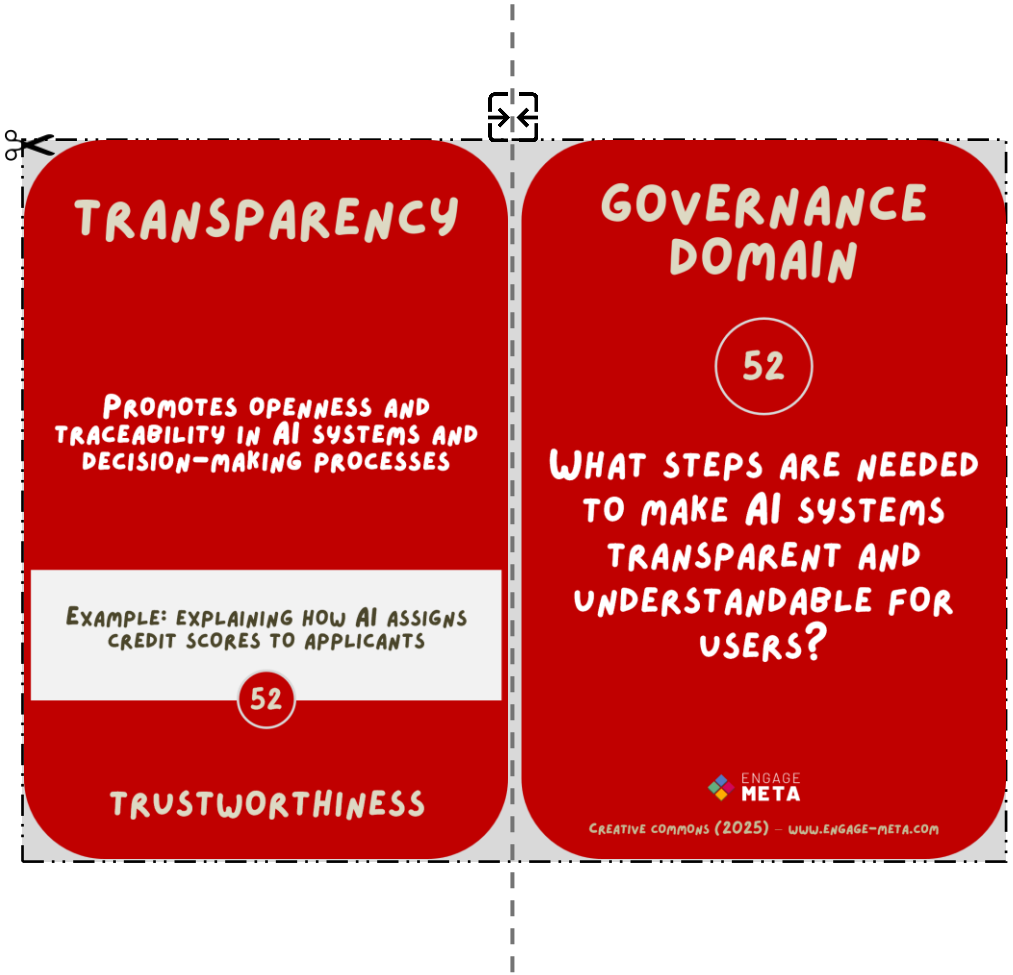
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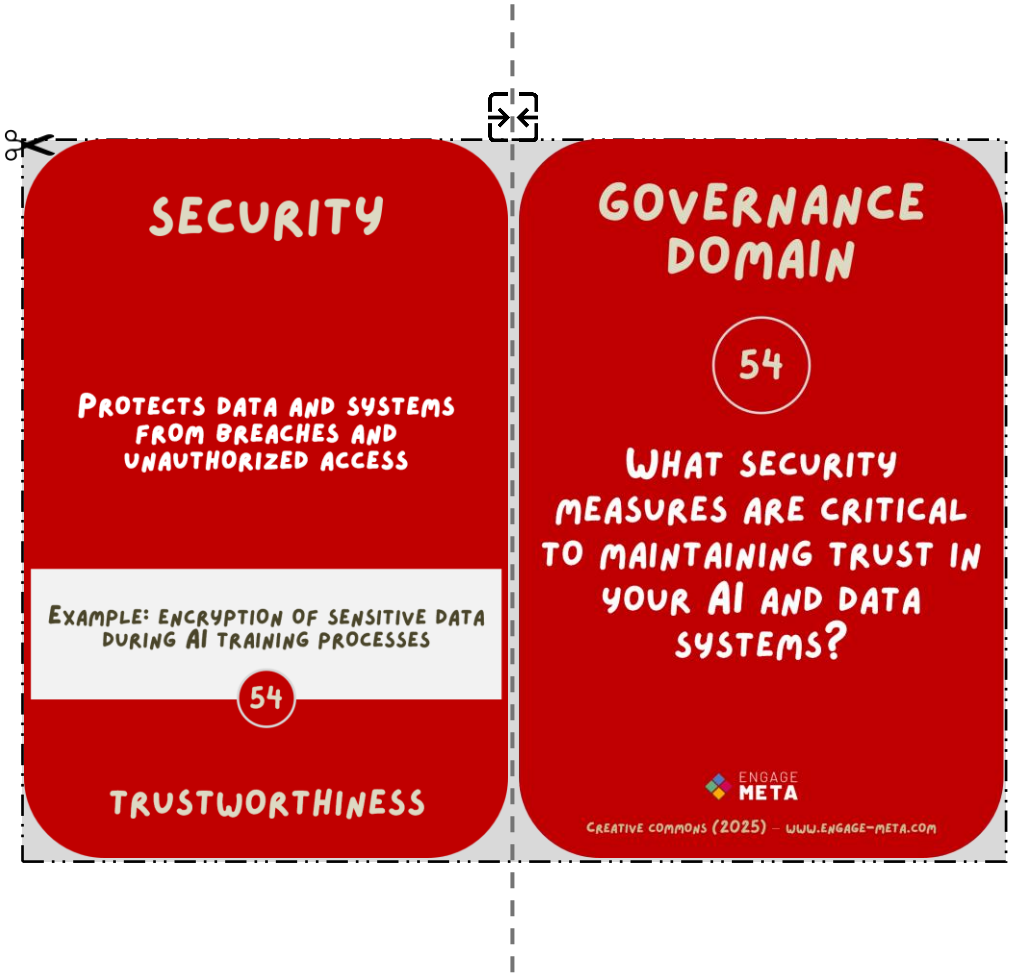
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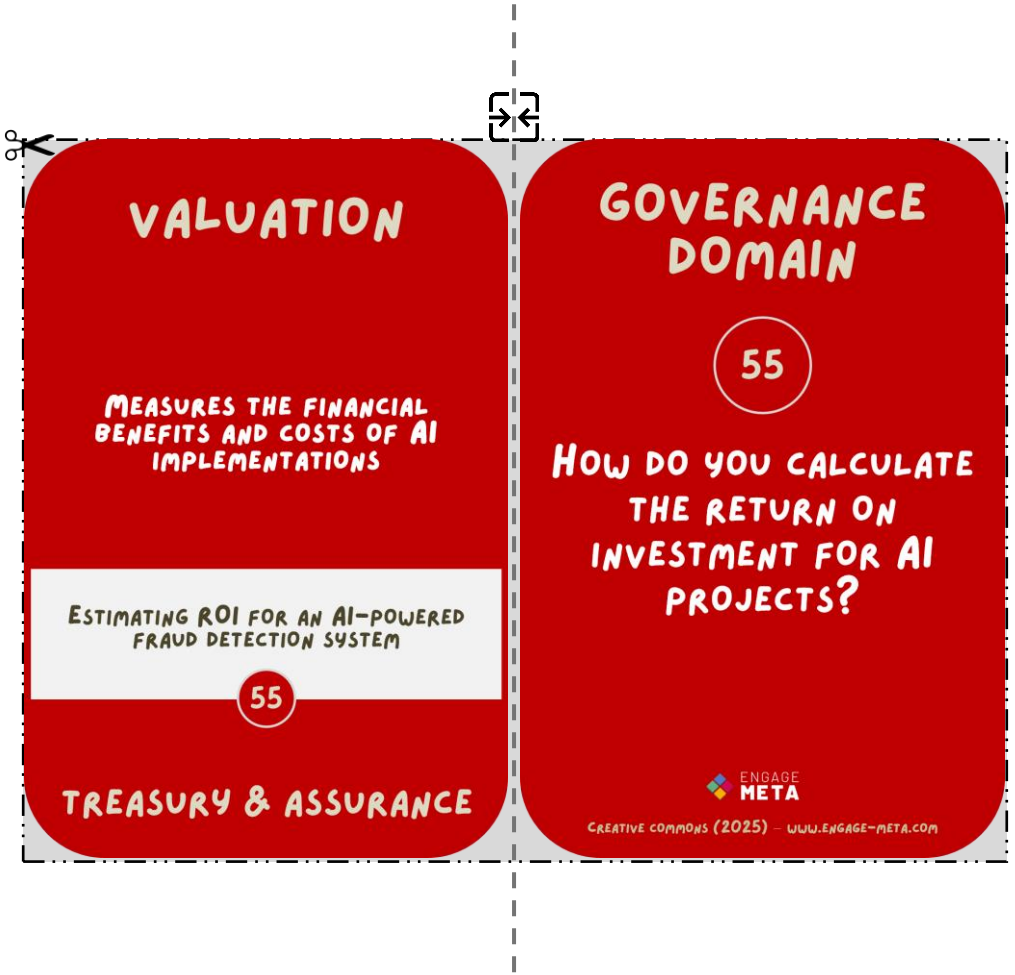
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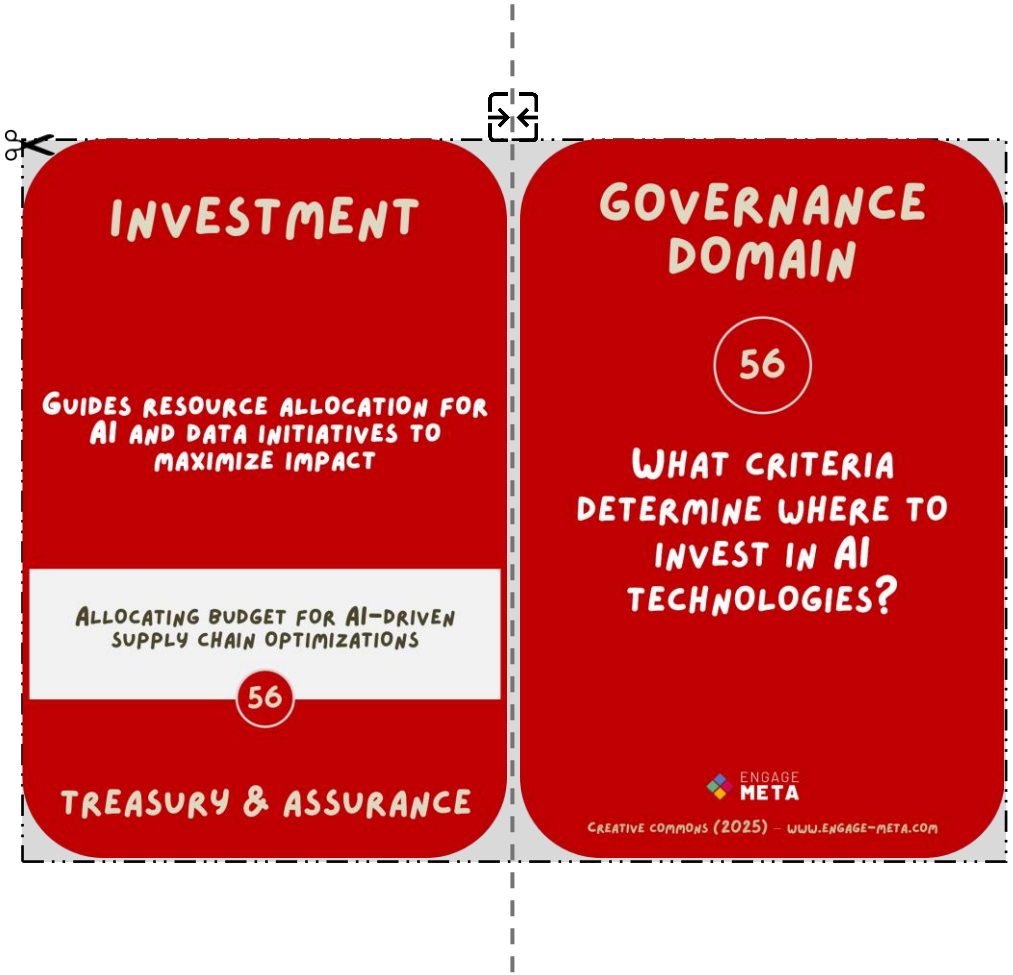
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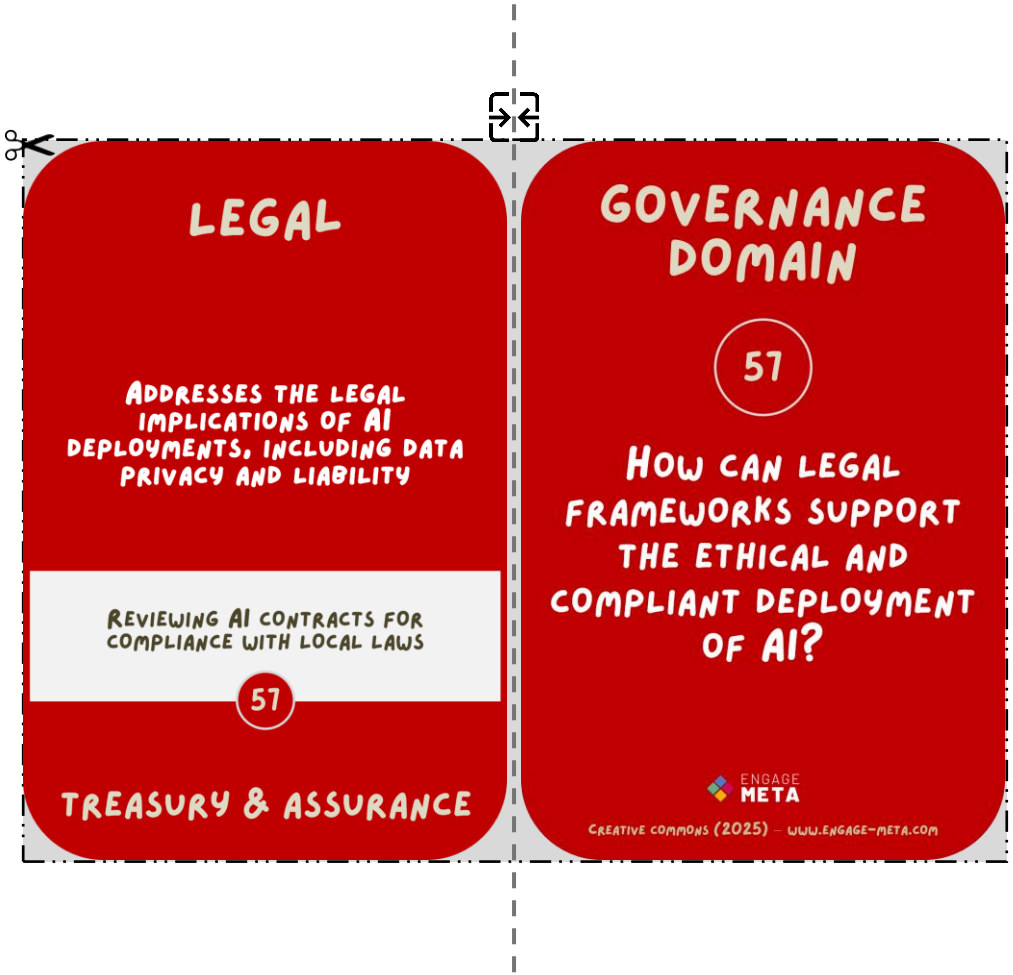
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