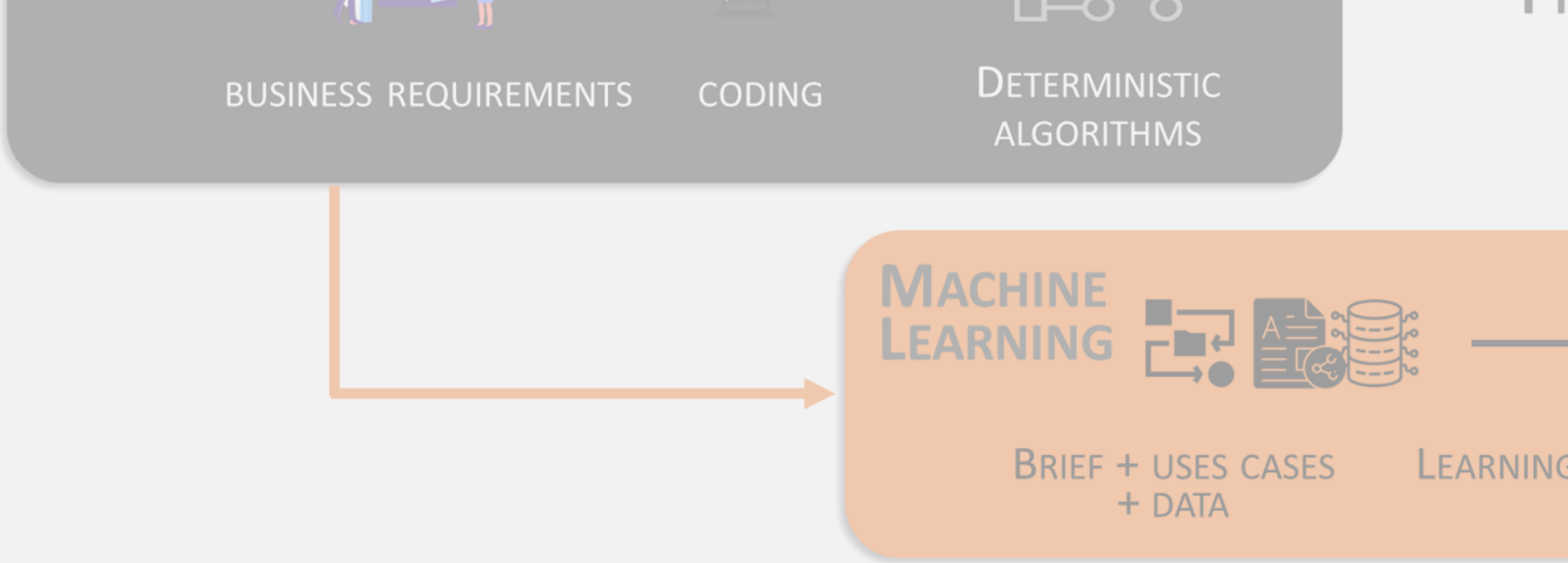

THE SHIFT FROM HUMAN TO ALGORITHMS

ARTIFICIAL INTELLIGENCE IMPACTS ON ORGANIZATION

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pierre.bonnet@hlfl-consulting.com – November 01, 2023

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PIERRE BONNET

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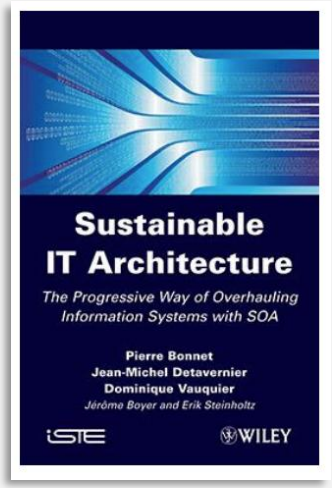
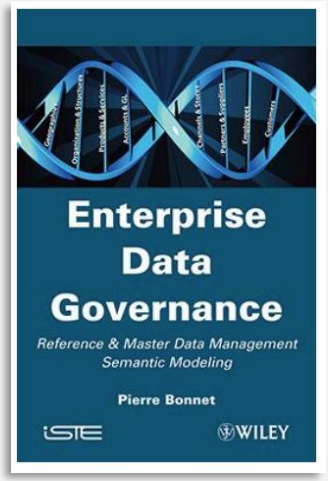


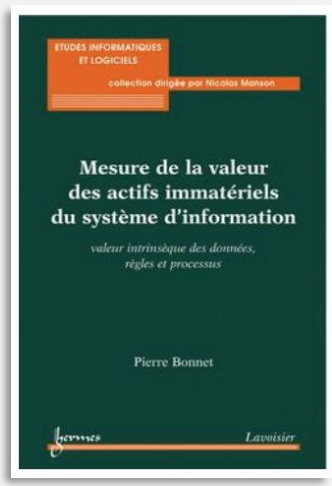
EA + SOA

HOW TO LEVEL-UP TOGAF AND ZACHMAN



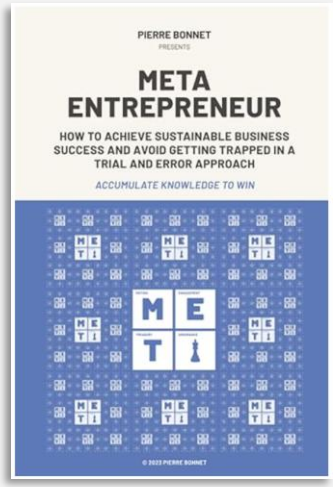
DATA

MODELING AND GOVERNANCE AT THE ENTERPRISE LEVEL



IS RATING

MEASURING THE INTANGIBLE ASSETS OF THE IS: PROCESSES, RULES AND DATA



MINDSET

ENCOURAGING A POSITIVE MINDSET TO FACE THE COMPLEXITY OF THE WORLD BASED ON KNOWLEDGE ACCUMULATION

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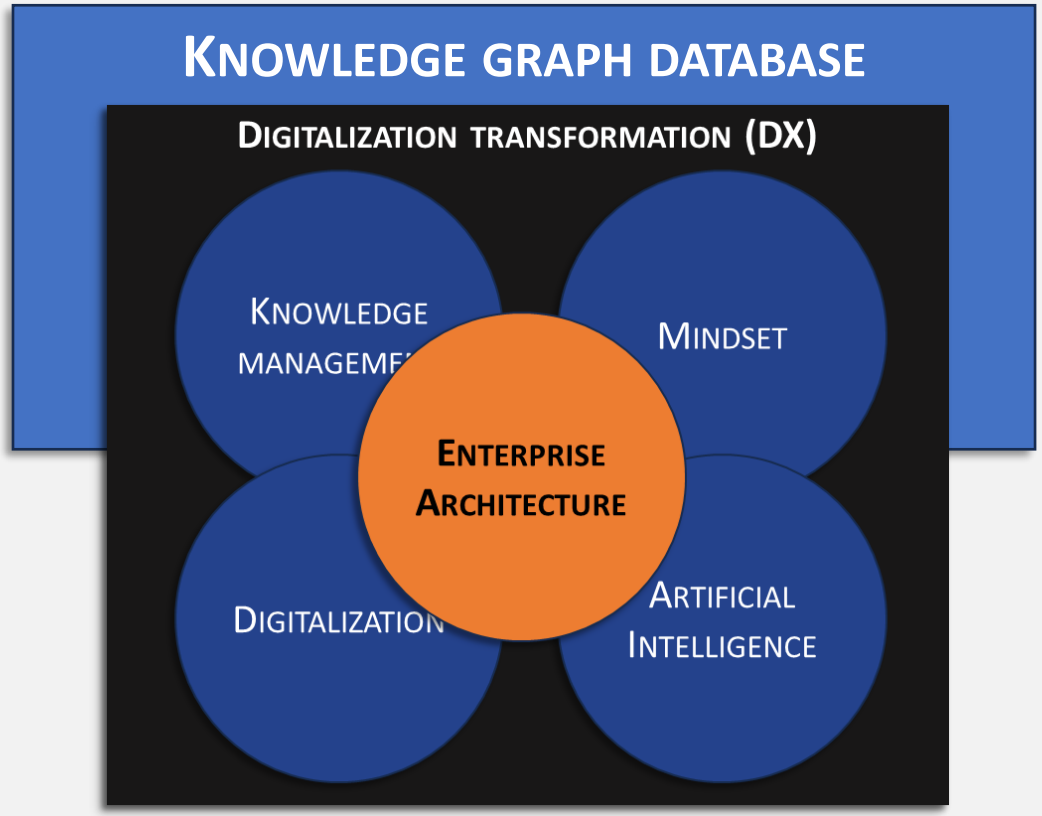

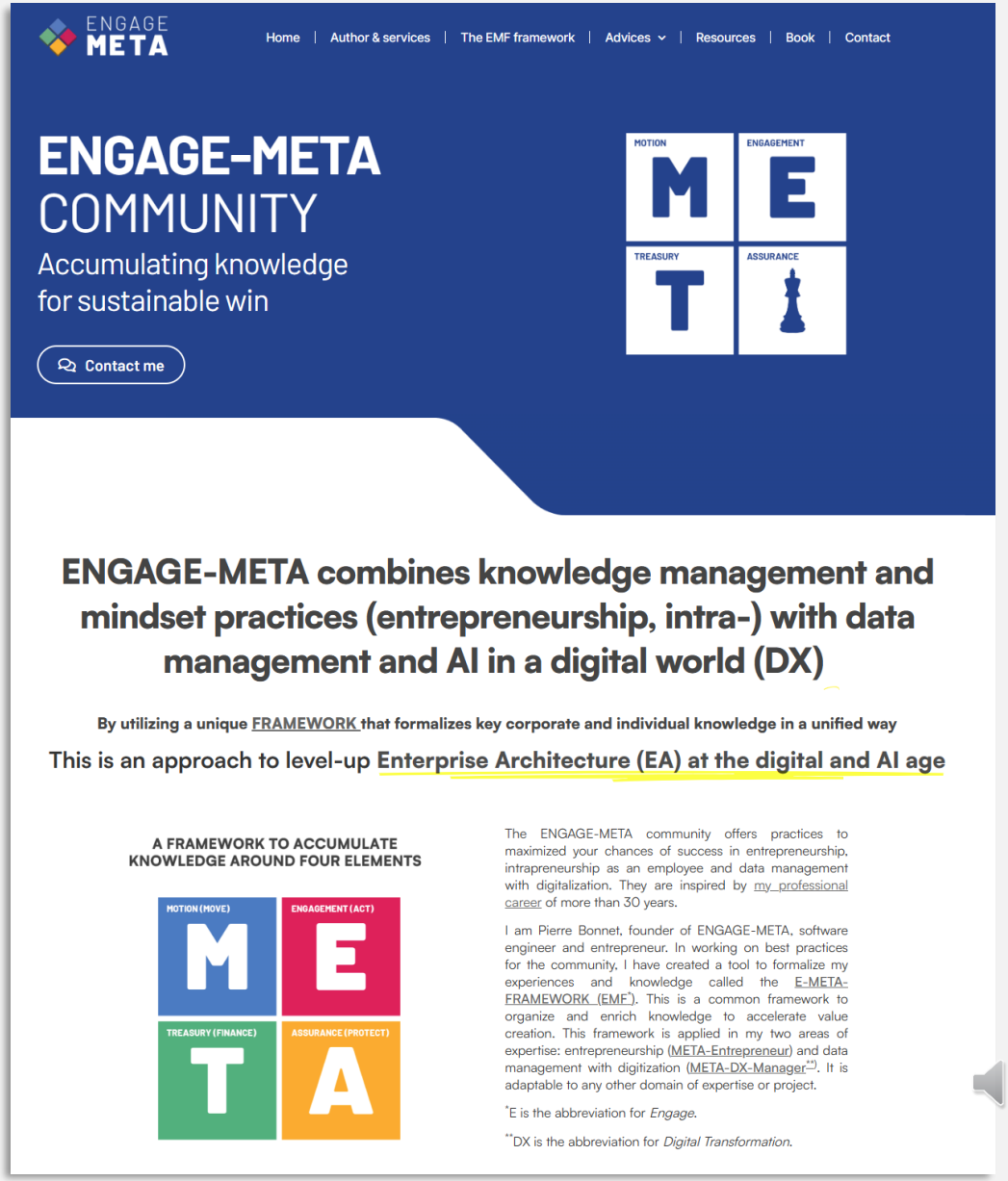

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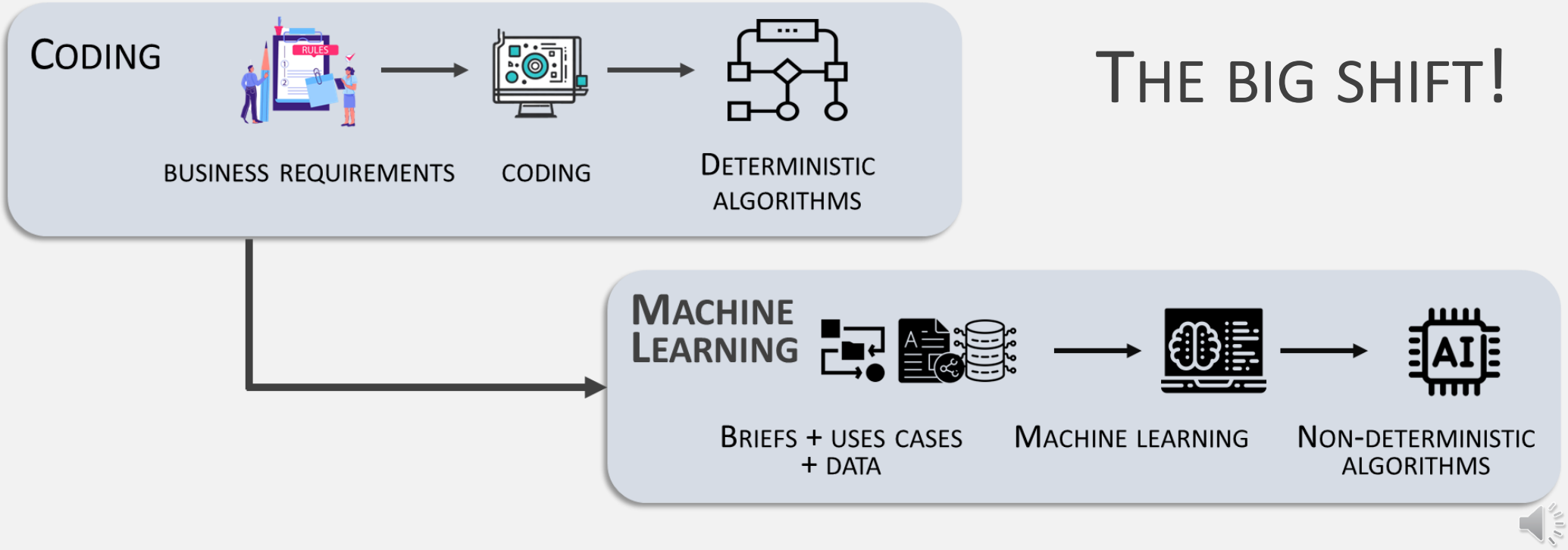
DIFFERENCE BETWEEN CODING VERSUS MACHINE LEARNING



THE BIG SHIFT!

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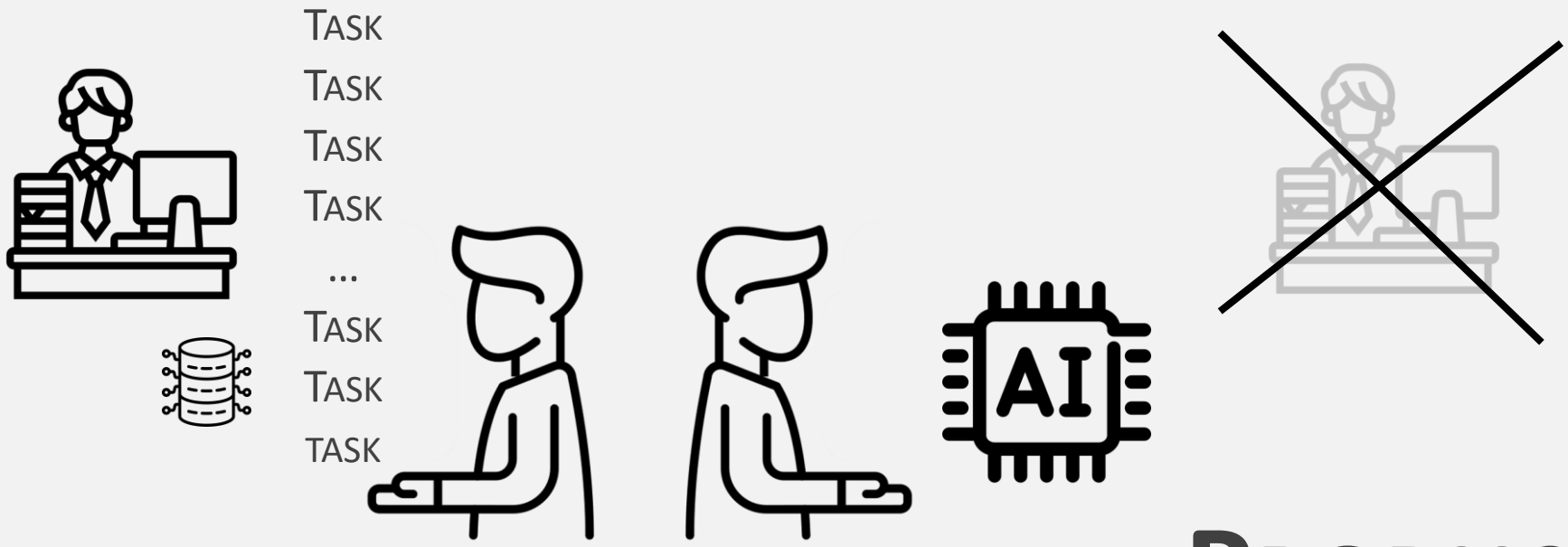
HUMANS' ROLES REPLACEMENT



AI ANALYST

PRODUCTIVITY GAIN

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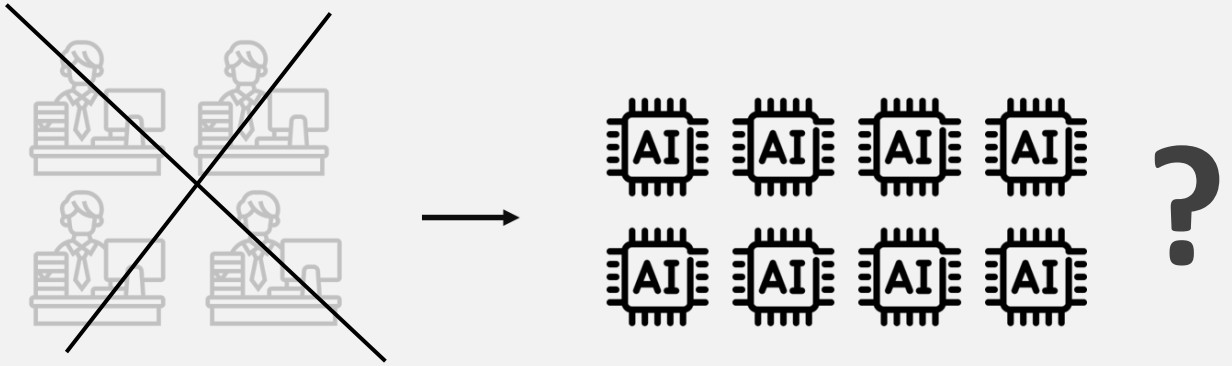
INTENSE HUMAN'S ROLES REPLACEMENT



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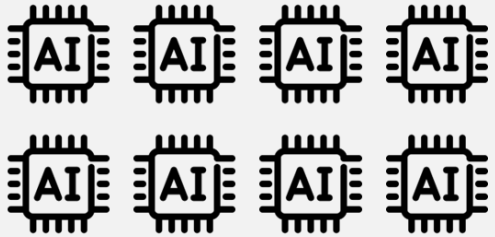
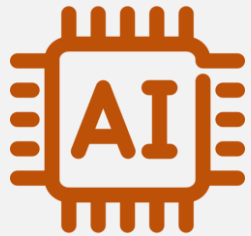
THE BEST SCENARIO

SUPER USER



SPECIFICATION, DATA, USERS GUIDES, REGULATIONS RULES, GOVERNANCE...



AI-POWERED GOVERNANCE

BIAS, HALLUCINATIONS, BUGS

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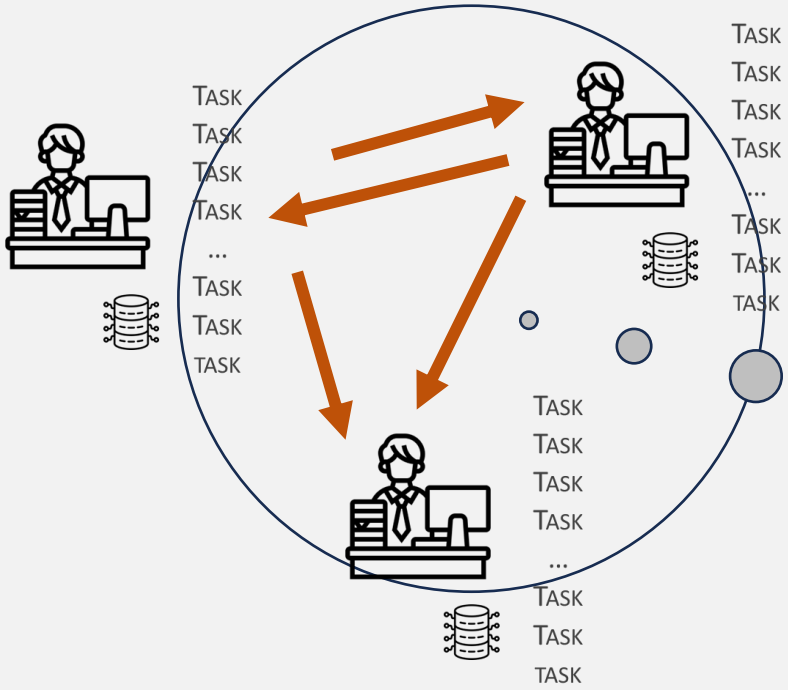
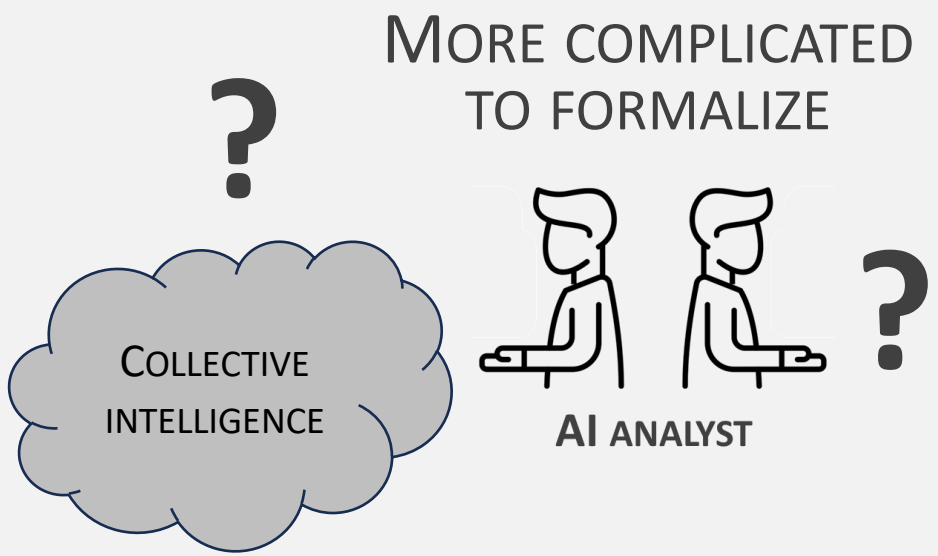
How to keep safe the collective intelligence?





How can we capture collective intelligence without embarking on a labor-intensive process of writing business requirements?

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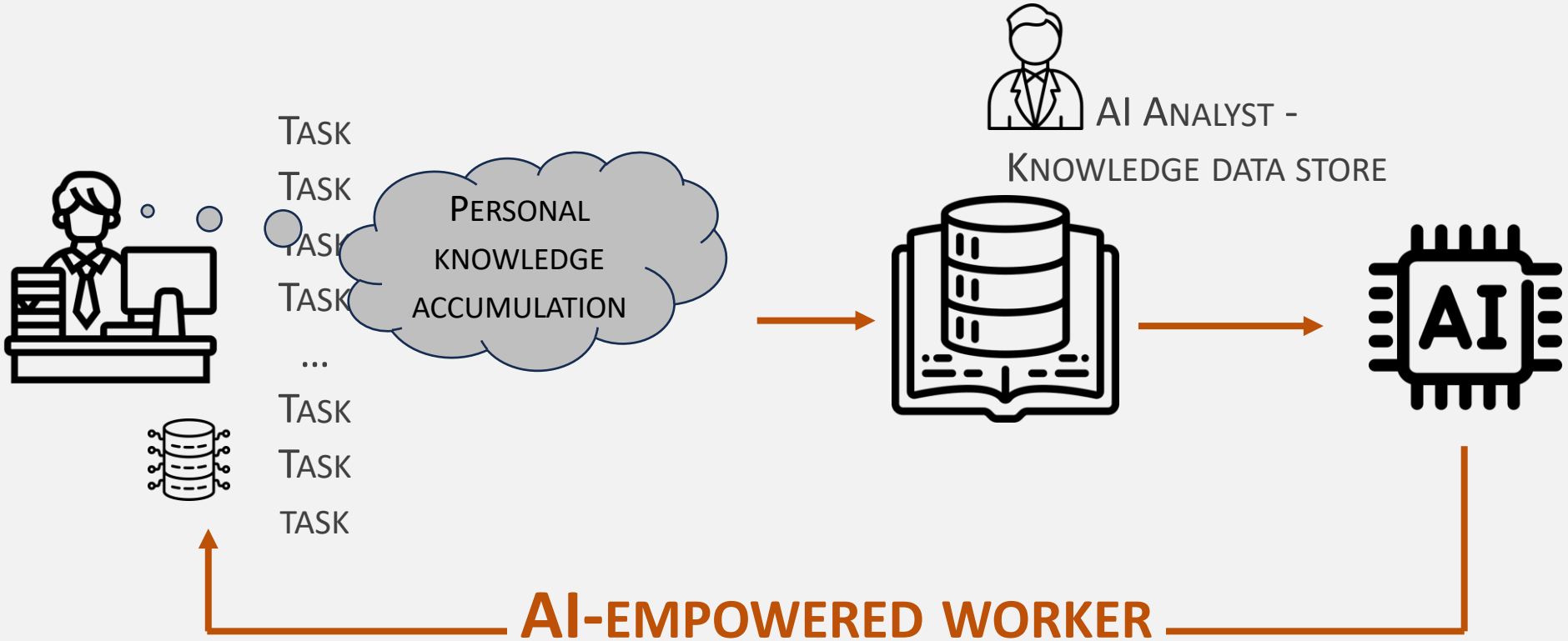
AI-EMPOWERED WORKER

EVERY INDIVIDUAL FORMALIZE THEIR KNOWLEDGE



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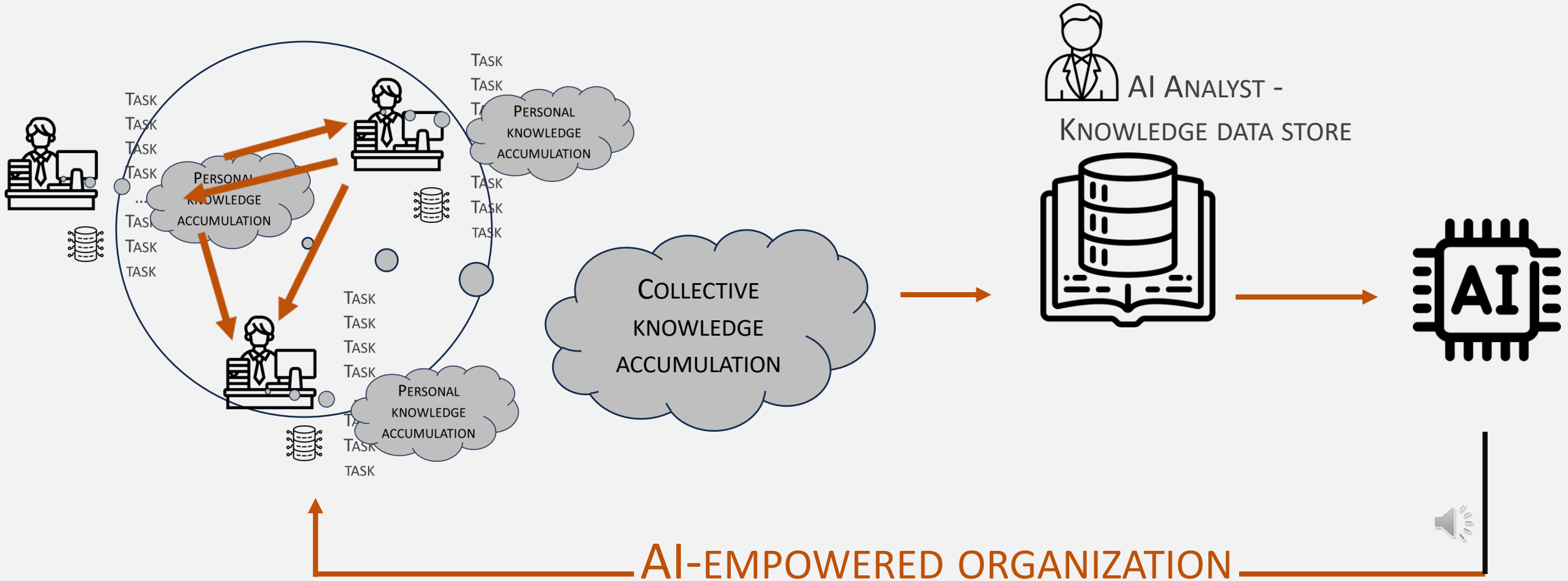
AI-EMPOWERED ORGANIZATION

INTERACTIONS AND COLLABORATIONS BETWEEN USERS



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How to formalize knowledge?

LACK OF WRITING CULTURE AND SCIENTIFIC THINKING

↓

Low ability to share knowledge

Work in silos

Not much innovation

↓

Common Framework for sharing

Accumulation of knowledge

Better team involvement

Faster analysis before acting

Better innovation

Better work together

Augmentation of the chance of success

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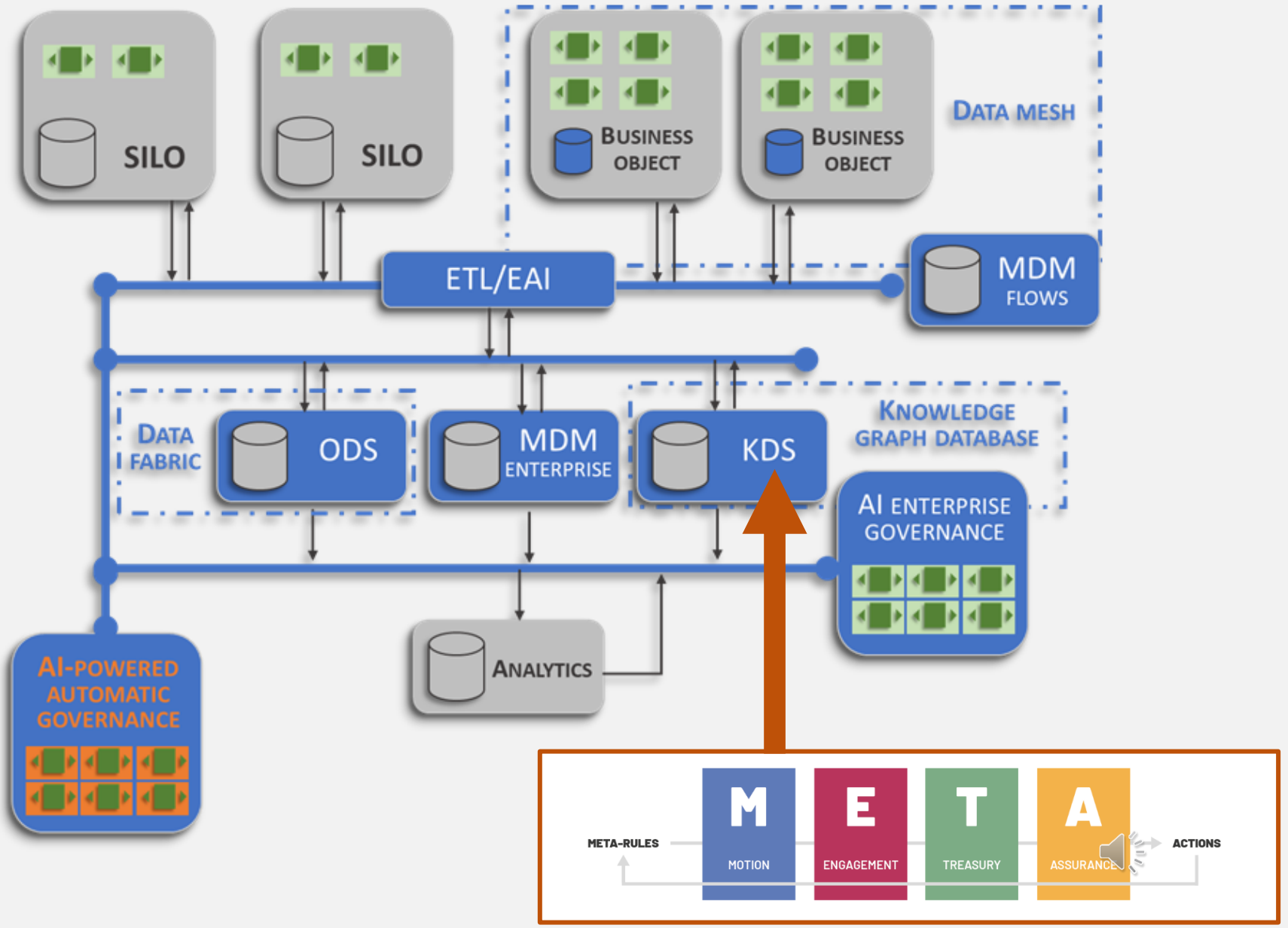
THE BLUE-PRINT



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Key takeaways

Importance of knowledge accumulation in the era of Artificial Intelligence

- Encourage every user to formalize their own knowledge and actively engage with AI

Successful knowledge accumulation should be guided by best practices

- It's a matter of fostering a cultural shift throughout the entire company to elevate the quality of each user's work
- META-Framework + Semantic (Glossary, taxonomy, ontology)

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More videos

THANK YOU!

Visit your YouTube channel

This video about Enterprise Architecture

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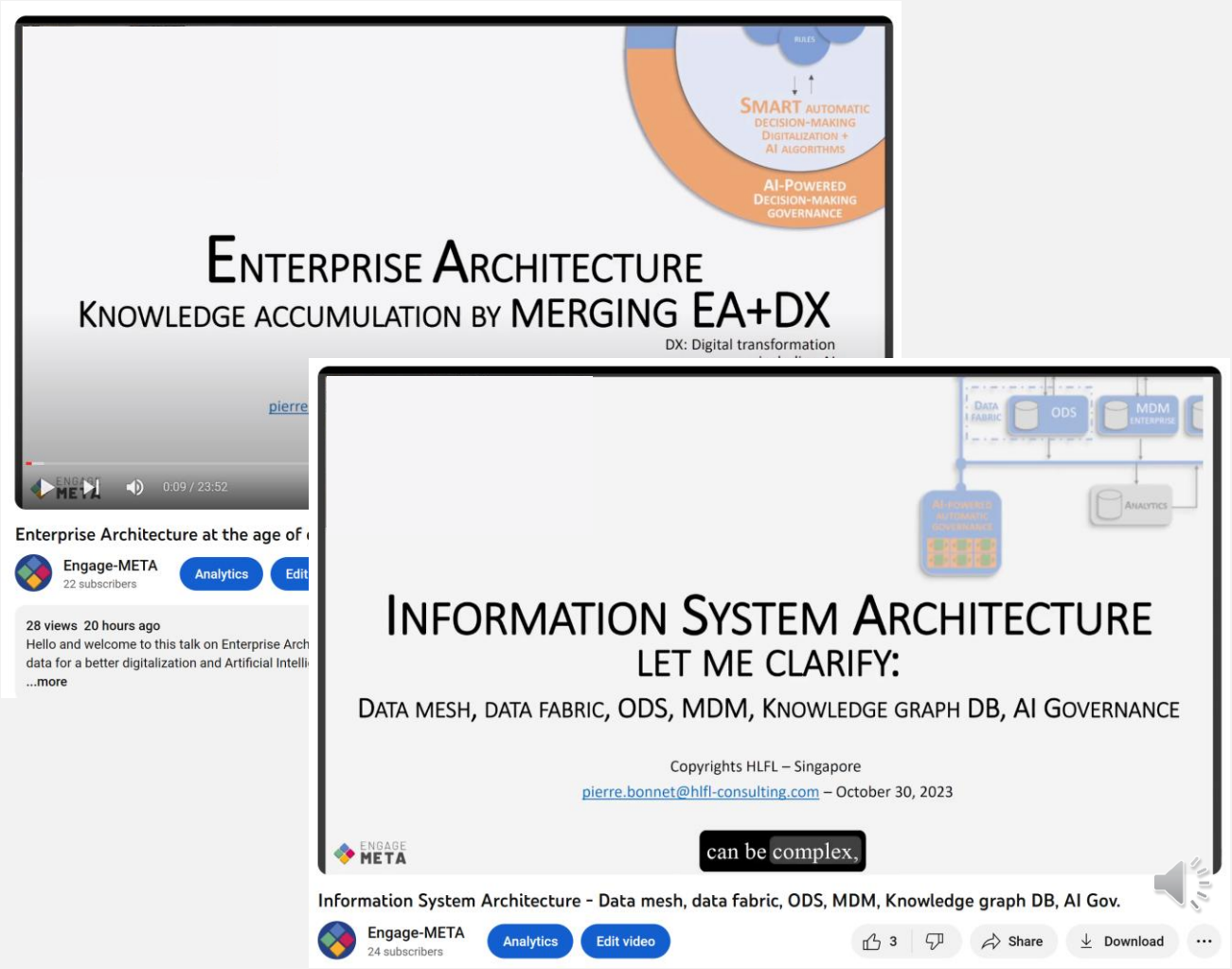

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