

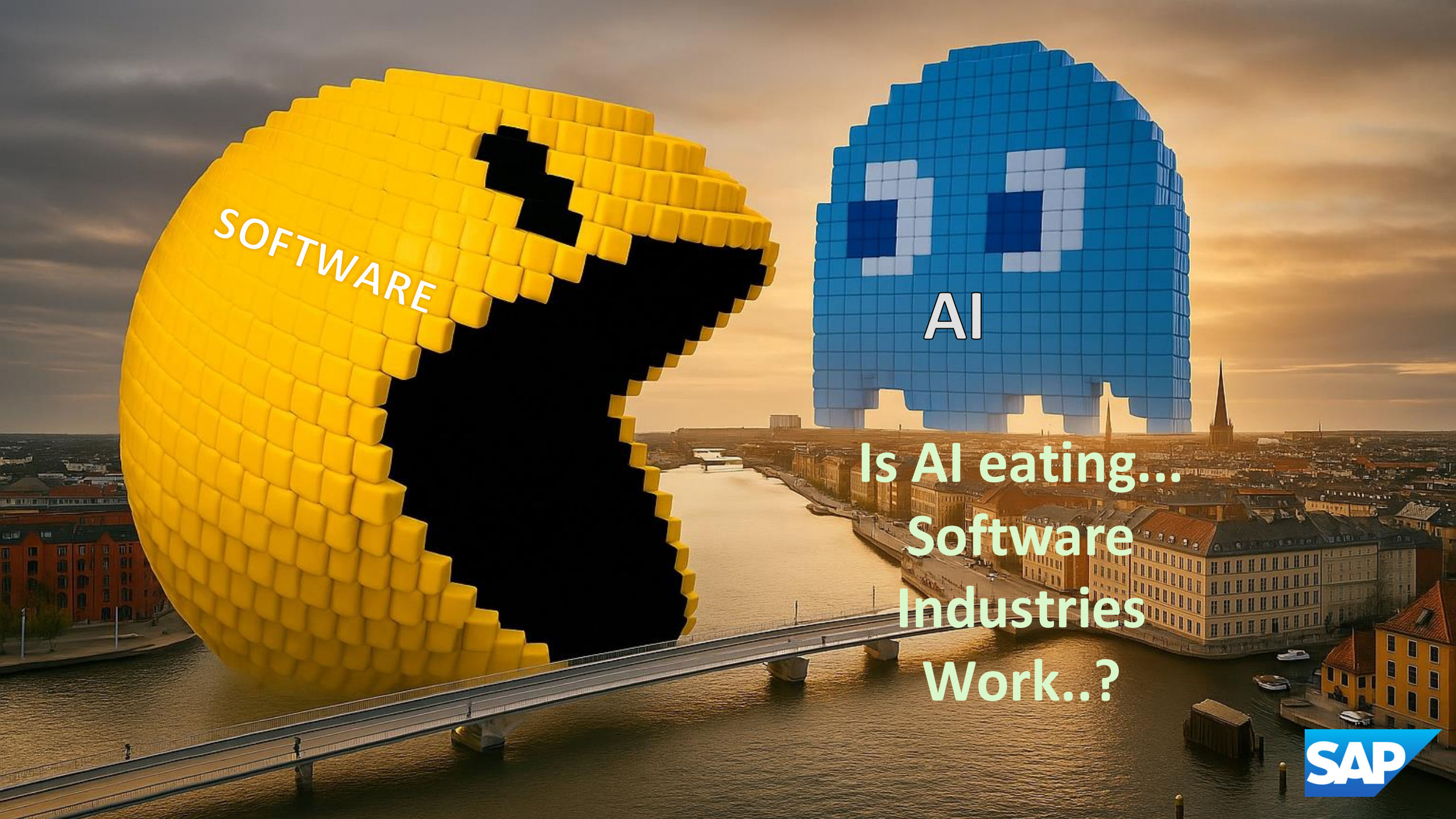
An aerial photograph of Copenhagen, Denmark, taken at sunset. The city is built on islands and connected by bridges. The water is calm, reflecting the golden light of the setting sun. Several church spires and historic buildings are visible. In the background, wind turbines can be seen on the horizon. The sky is filled with soft, orange and yellow clouds.

Towards the The Autonomous Enterprise

Jesper Schleimann
Head of Business AI
EMEA



SOFTWARE

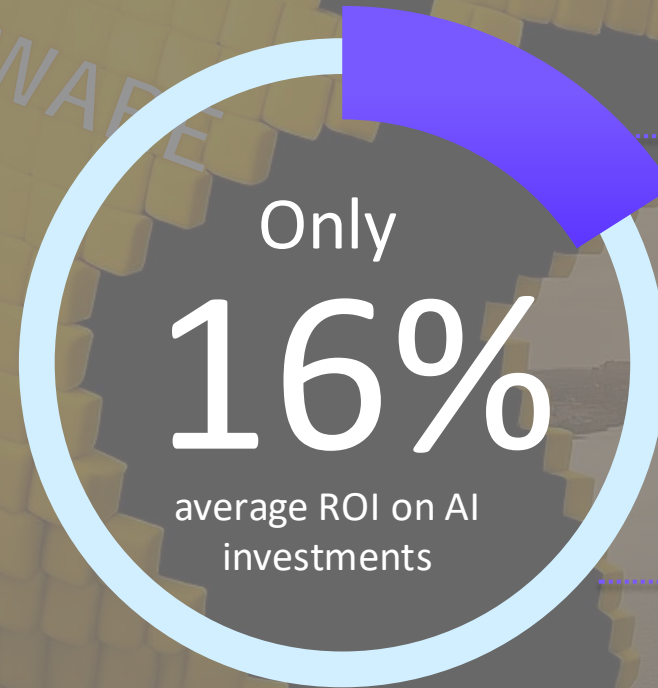


SOFTWARE

AI

Is AI eating...
Software
Industries
Work..?

If AI is the Answer, what's the problem...



Disjointed Data
and Governance

Siloed AI Solutions

Proliferation and
Complexity



AI VALUE = CONTEXT + INSIGHTS + ACTION

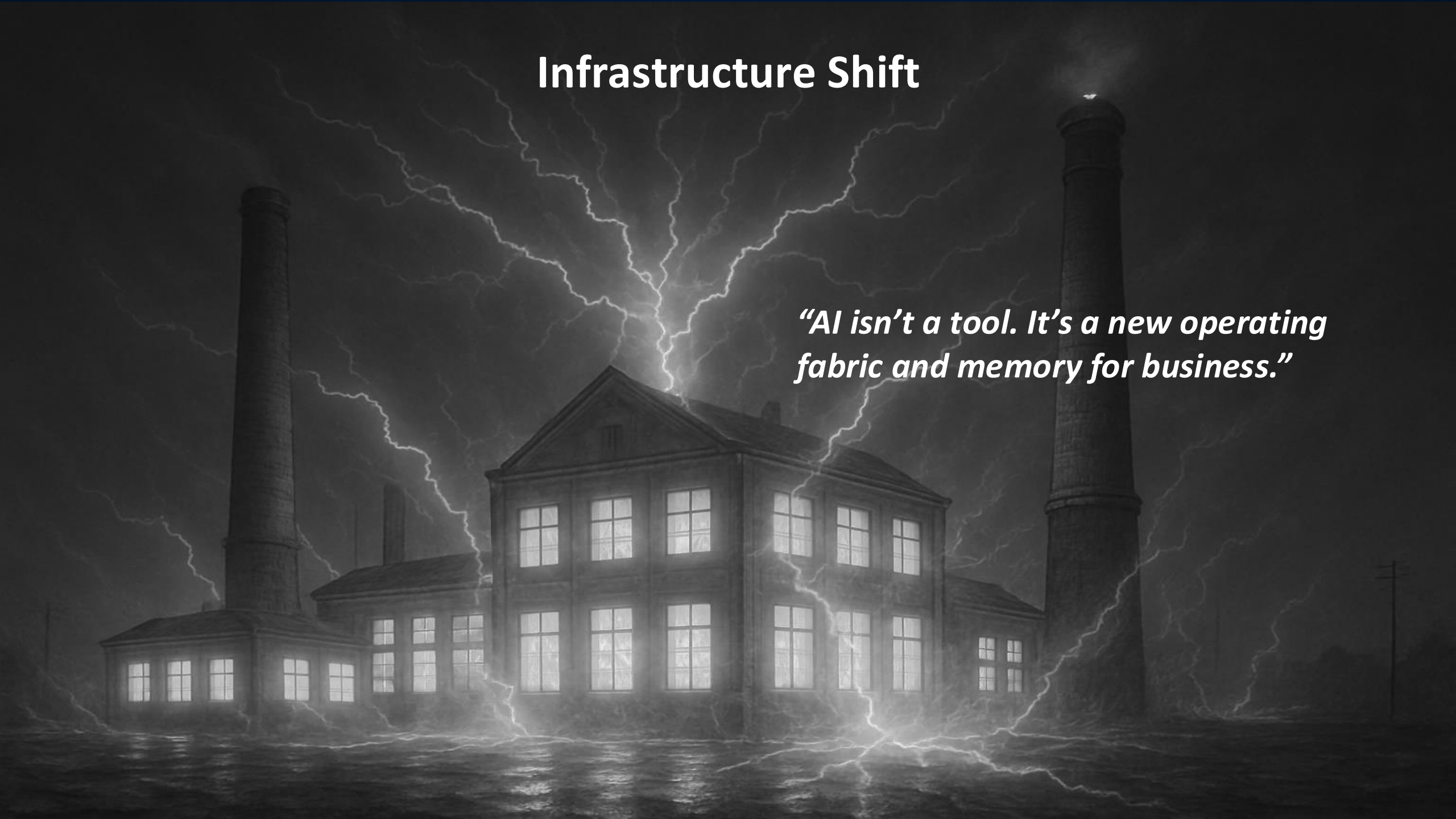
Neurosymbolic AI

An approach to AI that **integrates** neural networks (learning from data)
with symbolic methods (logic, rules, and knowledge graphs)
to get systems that can both **learn** and **reason**.



Infrastructure Shift

"AI isn't a tool. It's a new operating fabric and memory for business."

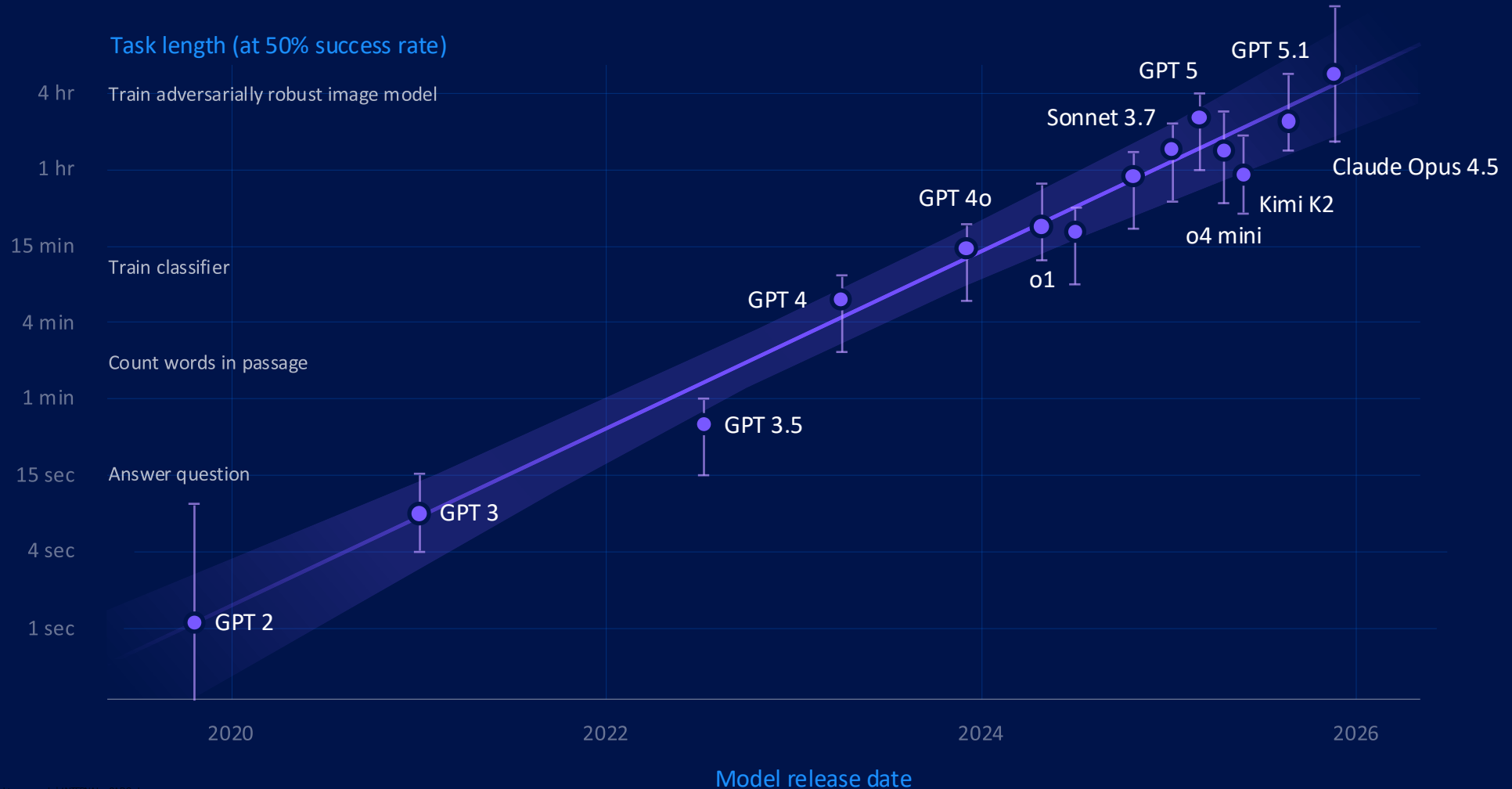


AI adoption & value



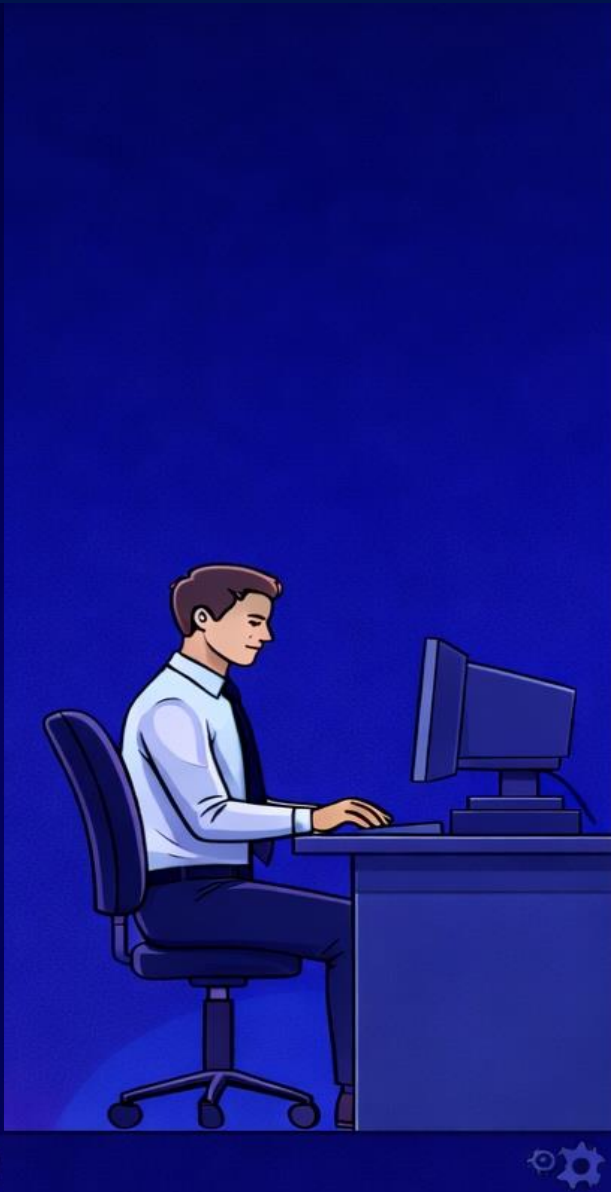
AI is evolving to complete a full day's work..

AI's ability to complete long-horizon tasks doubles every 7 months





Homo Sapiens



Homo Digitalis



Homo Connexus



Auto Sapiens

Autonomous Enterprise

The **Autonomous Enterprise** is built around five autonomous business domains:

Autonomous
Finance

Autonomous
Supply Chain

Autonomous
Procurement

Autonomous
Workforce

Autonomous
Revenue

AI Assistants

CFO Advisor

AP Assistant

AR Assistant

Supply Chain Assistant

CHRO Partner

Revenue Strategist

Specialized Agents

n-Way Match

Credit Risk Intelligence

Cash Application

Demand Sync

Skills Gap Prediction

+ more ...

Foundation of an Autonomous Enterprise



AI is the new UI

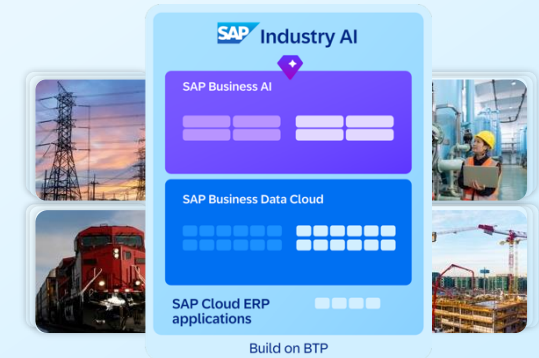
Process AI



Data AI



Industry AI



Business Data semantically harmonized ready for AI

Baseline

SAP Business AI deliveries

Ask complex questions



Web & Deep research capabilities

Joule live across

35

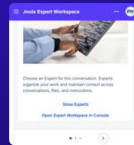
solutions

Faster. Sharper. More integrated.

Simply ask questions

Upload your
own document

for Consultants



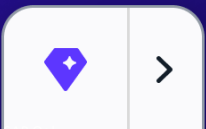
SAP Document AI

750 Mio.
Documents processed
in 2025

Providing instant suggestions



Joule action bar



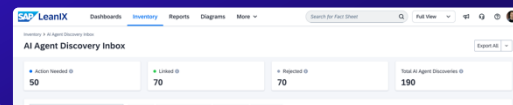
STRICTLY INTERNAL - SAP Only

Agent2Agent

Full Interoperability

SAP LeanIX

AI Agent Hub



By the end of Q1

40

specialized agents

2400

pre-delivered
Joule skills

SAP-RPT-1

The First Foundation Model
Built for Structured
Business Data

Prompt Optimizer

in AI Foundation

- ✍️ Compose
- ✉️ Inbox 21,697
- ☆ Starred
- 🕒 Snoozed
- 📌 Important
- Sent
- 🗂 Categories
- ▼ More
- Labels
- 📁 Personal
- ▼ More

← ⏏ ⌚ 🗑️ 📧 ⬇️ ⋮

1 of 823 < >

doc

 **shailesh borkar** <shaileshborkar9@gmail.com>
to shailesh

10 Attachments • Scanned by Gmail ⓘ

 Analysis_Report_...

 CertificateOfAnal...

 Apex_technologie...

 COA_Batch_1645...

 Frontier_QC.pdf

 QM_Industrial_P...

 Horizon_Match_7...

 QM02_New Matc...

↩ Reply

➡ Forward

😊

Draft saved

shailesh borkar (demosapphire2025@gmail.com)

DOC AI JOULE

Analysis_Report_Elastene360.pdf (150K) ✕

Apex_technologies_POQC.pdf (151K) ✕

Batch_COA_Results_Apr2025.pdf (151K) ✕

CertificateOfAnalysis_Lot_A1B2C3_Sep2024... (150K) ✕

COA_Batch_1645_2025.pdf (151K) ✕

FoodSafety_COA_FiberMax_Validation.pdf (150K) ✕

Frontier_QC.pdf (150K) ✕

Horizon_Match_760.pdf (154K) ✕

QM_Industrial_PO_Match.pdf (150K) ✕

QM02_New Match_New Receipt - Del note 8... (147K) ✕

↶ ↷ Sans Serif T B I U A ☰ ☷ ☹ ☹ ☹ ☹ ☹

Send A ✎ 📎 🔗 😊 ⚠️ 📧 🔒 ✎ ⋮

Wed, May 14

Hello, Sandeep R!

To-Dos



You don't have any new tasks.

Insights

List of Top 4 Customer Projects

Today

Customer	Budget	Staffing
Data Pulse	450K USD	95%
Market Forge	150K USD	87%
Prime Shift	200K USD	55%
Brand Nexus	300K USD	53%

Cost Center: Impl. Projects

1010/0010101602/0LP42GO

Budget 2025 | EUR

174.34 [△]_KTarget
200K

87%

IT Equipment
16.5K EUR

In budget

3rd Party Project Services
38.1K EURexceeding
budget

Purchasing

4 of 20

Purchase Requisitions and Guided
Buying

Comfort Easy

32 GB Digital Assistant with high-resolution color sc...

ITeO Vault

Digital Organizer with State-of-the-Art Storage Encr...

Notebook Professional 15

Notebook Professional 15 with 2,80 GHz quad core...

Today's Quality Certificat...



Documents

10 of 10

Quality Certificates

QM02_New Match_New Receipt -
Del note 810.pdf

Review Needed

May 14, 2025 5:34:42 PM

anonymous

Analyze

COA_Batch_1645_2025.pdf

Confirmed

May 14, 2025 5:34:43 PM

anonymous

Open

Apex_technologies_POQC.pdf

Confirmed

May 14, 2025 5:34:41 PM

anonymous

Open

Frontier_QC.pdf

Confirmed

May 14, 2025 5:34:42 PM

anonymous

Open

CertificateOfAnalysis Lot A1B2C3 Se

Confirmed

Message Joule...

Joule uses AI. Verify results.

Wed, May 14

Hello, Sandeep R!

To-Dos



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Cost Center: Impl. Projects

1010/0010101602/0LP42GO

Budget 2025 | EUR

174.34 [△]_KTarget
200K

87%



IT Equipment

16.5K EUR

In budget



3rd Party Project Services

38.1K EUR

exceeding
budget

Purchasing

4 of 20

Purchase Requisitions and Guided Buying

Comfort Easy

32 GB Digital Assistant with high-resolution color sc...

ITeO Vault

Digital Organizer with State-of-the-Art Storage Encr...

Notebook Professional 15

Notebook Professional 15 with 2,80 GHz quad core...

Today's Quality Certificat...

QM_Industrial_PO_Match.pdf

Confirmed

May 14, 2025 5:34:49 PM

anonymous

Open

Do you want to see the details for the document
QM02_New Match_New Receipt - Del note 810.pdf
which is in status Review Needed?

Yes

No

Yes

The field **Purchase Order Number** requires your
attention, because the accuracy level is under the
acceptable threshold. Do you want to review it in SAP
Document AI? [Click Here](#)



Message Joule...



Joule uses AI. Verify results.

📁 All Documents

Schemas

📄 Quality_Certificate >

📄 Quality_Certificate1 ▾

Version 1

QM02_New Match_New Receipt - Del note 810.pdf

Draft ▾

Delete

Download

🔗 ▾

Created At: May 14, 2025, 11:04:42 PM

Status:

Quality Certific...

Created By: anonymous

Review Needed



Scanned Form and Extraction Results

Computer System
WALLDORF, 133 W Park Ave. 01 124

Bezeichnung	INSTANT COFFEE
DEK-Auftrags-Nr.	4500036921
Kundeneigene Auftragsnr.	30929718
Material-Nr.	PTF_QM_01_Q
Chargen-Nr.	4M6299K095
LOT-Nr.	605
Produktionsdatum	05.03.2024
Mindestens haltbar bis	05.09.2025
Datum	08.03.2024

Physikalische, chemische und sensorische Daten

Kriterium	Ergebnis	Bemerkung
Feuchtigkeit	3,71 %	Halogentrockner
pH-Wert	4,90	1,4 g in 100 ml demin. Wasser

Assign Field

Field: * Purchase Order Number ▾

Field Index: * — 1 +

Value: 4500036921

Delete

Apply

Cancel

All

✓ High

⚠ Medium

✗ Low

● Self Edited

ⓘ Empty

Data from Document

Material

Supplier Batch Number

4M6299K095 ⓘ

Supplier Material Description

INSTANT COFFEE, SPRAY D... ⓘ

Supplier Material Number

PTFQM01QM02 ⓘ

Order and Delivery

Purchase Order Number

30929718 ✗

Supplier

Supplier Address

133 W Park Ave. 01 124, 691... ⓘ

Supplier Name

Computer Systems (DE) ⓘ

⚙ Settings ▾

Change Instance

Change Client

Save

Confirm

Discard Draft

All Documents

Schemas

Quality_Certificate >

Quality_Certificate1 ▾

Version 1

QM02_New Match_New Receipt - Del note 810.pdf

Draft ▾

Delete

Download

🔗 ▾

Scanned Form and Extraction Results

All

✓ High

⚠ Medium

✗ Low

● Self Edited

? Empty

Data from Document

Material

Supplier Batch Number

4M6299K095

Supplier Material Description

INSTANT COFFEE, SPRAY D...

Purchase Order Number

4500036921

Supplier

Supplier Address

133 W Park Ave. 01 124, 691...

Supplier Name

Computer Systems (DE)

? Confirm Extracted Values?

Make sure that you have validated the extraction results against the document. You cannot change the values after confirming them.

OK

Cancel

Computer Systems (DE)

Bezeichnung	DEK-Auftrags
Kundeneigene	Material-Nr.
Chargen-Nr.	4M6299K095
LOT-Nr.	605
Produktionsdatum	05.03.2024
Mindestens haltbar bis	05.09.2025
Datum	08.03.2024

Physikalische, chemische und sensorische Daten

Kriterium	Ergebnis	Bemerkung
Feuchtigkeit	3,71 %	Halogenrockner
pH-Wert	4,90	1,4 g in 100 ml demin. Wasser
Säuregrad	5,06 ml	1,4 g in 100 ml demin. Wasser Titration mit 0,1 m NaOH bis pH 6,7
Farbwert	63	Hunterlab 25DNC
Sediment	0,5	Funke Gerber
Geschmack	dem Standard entsprechend	

Settings ▾

Change Instance

Change Client

Save

Confirm

Discard Draft

AI Agents

Finance



Procurement



Supply Chain



Human Resources



Customer Experience



Finance Assistants

- ◆ Dispute Resolution Agent
- ◆ Accounts Receivable Agent
- ◆ Accounting Accruals Agent
- ◆ Journal Entry Agent
- ◆ Intercompany Agent
- ◆ Financial Insights Agent
- ◆ Collections Agent

Procurement Assistants

- ◆ Sourcing Agent
- ◆ Meeting Location Planner Agent
- ◆ Expense Report Validation Agent
- ◆ Negotiation Agent
- ◆ Invoice Exception Handling Agent
- ◆ RFP Builder Agent

Supply Chain Assistants

- ◆ Shop Floor Supervisor Agent
- ◆ Field Service Dispatcher Agent
- ◆ Logistics Agent
- ◆ Maintenance Planner Agent
- ◆ Asset Health Agent
- ◆ Product Planning and Operations Agent

HR Assistants

- ◆ Performance and Goals Agent
- ◆ Compliance Agent
- ◆ Payroll Localization Agent
- ◆ Payroll Configuration Agent

CX Assistants

- ◆ Knowledge Creation Agent
- ◆ Case Classification Agent
- ◆ Q&A Agent
- ◆ Shopping Assistant Agent
- ◆ Quote Creation Agent
- ◆ Self Service Agent
- ◆ Catalog Optimization Agent

■ Assistants

■ Joule Agents

■ Extended Agents

■ Custom Agents built in Joule Studio

Tuesday, May 20th

Hi Jane!

Add Content

Recap

My Home Settings

To Dos

Tasks (0)

Situations (7)

You don't have any new tasks.

You will then see them here.

News



Contains Critical News

Sourcing and Procurement

3 News Articles

Discover new features and changes of this release.

SAP S/4HANA Cloud Private Edition

Pages

Business Catalog and Groups

Accounts Receivable with Accounts Receivable Overview Page

Accounts Receivable, Collection and Dispute Processes and Flows

Treasury and Working Capital Management - Response to Crisis Process and flows

Sales Order Through Cash Collection Processes and Flows

Analytics

Extensibility Analytics

Apps

Favorites

Most Used

Recently Used

Frequently Used

Days Sales Outstanding

Process Collections Worklist

Manage Promises to Pay

Manage Customer Line Items

Manage Project Billing - Project Billing Request

Process Receivables

Supervise Collections Worklist

Accounts Receivable Overview

Promise to Pay

Manage My Timesheet

AI Agents

Finance



Finance
Assistants

up to
€2.12M bottom-line
impact*

Procurement



Procurement
Assistants

up to
€0.73M bottom-line
impact *

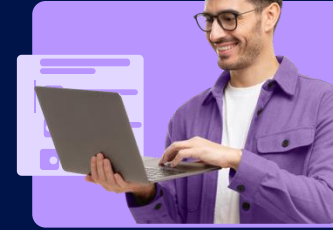
Supply Chain



Supply Chain
Assistants

up to
€0.87M top-line,
€2.2M bottom-line
impact *

Human
Resources



HR
Assistants

up to
€0.69M top-line ,
€2.12M bottom-line
impact *

Customer
Experience



CX
Assistants

up to
€12.83M top-line,
€5.4M bottom-line
impact *

Towards an app-free world

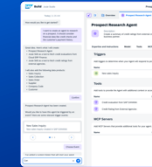
Joule, beyond chat

Adaptive. Proactive. Personal. Collaborative.

Low Code & Pro Code Agents

Build agents faster, your way

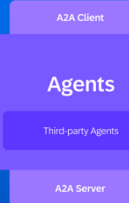
in AI Foundation



Agent interoperability

Joule Agents collaborating across vendors

with A2A



Across the stack

815

embedded
AI use cases

Industry AI

Innovating with customers

on the SAP stack

SAP Business AI Innovations 2026

Management and governance

One control layer for all AI Agents

with Signavio, LeanIX, SAP BTP

Delivering on the agent promise

100+

Joule Agents



Persona-based Joule

Joule Assistants

Useful and reliable. Extendable and customizable.

Integrated Toolchain

End-to-end cloud migration

with Joule Agents

Physical AI

Joule Agents in the physical world

with A2A



Scaling Intelligence

From Command to Coordination

1:5

Scaling Intelligence

From Command to Coordination

1 : 100

Today 11:35 AM

Get started with Joule Studio

Create a Skill Create a Joule Agent

Create an Agent Extension



Overview

Test

Release



Store Restocking



Checks current active restocking orders for specified store locations.



Update

Last updated on : November 2, 2025
By : You

Creation

Created on : November 2, 2025
By : You

Collaborators
DF

Artifacts (4) Triggers (0) Dependencies (0)

All Artifacts

Search...

Create

Name	Type	Description	
Check Store Inventory	Joule Skill	Checks current stock levels for specified store locations.	...
Get Material Details	Joule Skill	Returns safety stock, reorder level and any substitute materials for a given material.	...
Track Shipment	Joule Skill	Calls carrier API and returns current shipment status and expected delivery data.	...
Contract Compliance Checker	AI Agent	This agent is responsible for restocking workflows. It reviews every proposed order and ensures it strictl...	...

Task Joule...



Design Console (0)



AI is the new UI

SAP is the orchestration layer where AI delivers Enterprise value



Kickstart your journey to become an Autonomous Enterprise

1. PREPARE: Leverage Joule for Consulting & Development

- Value: Prepare your landscape for AI & gain confidence

2. IGNITE: Activate Joule & Process embedded AI cases

- Value: Begin Business user transformation with tangible value

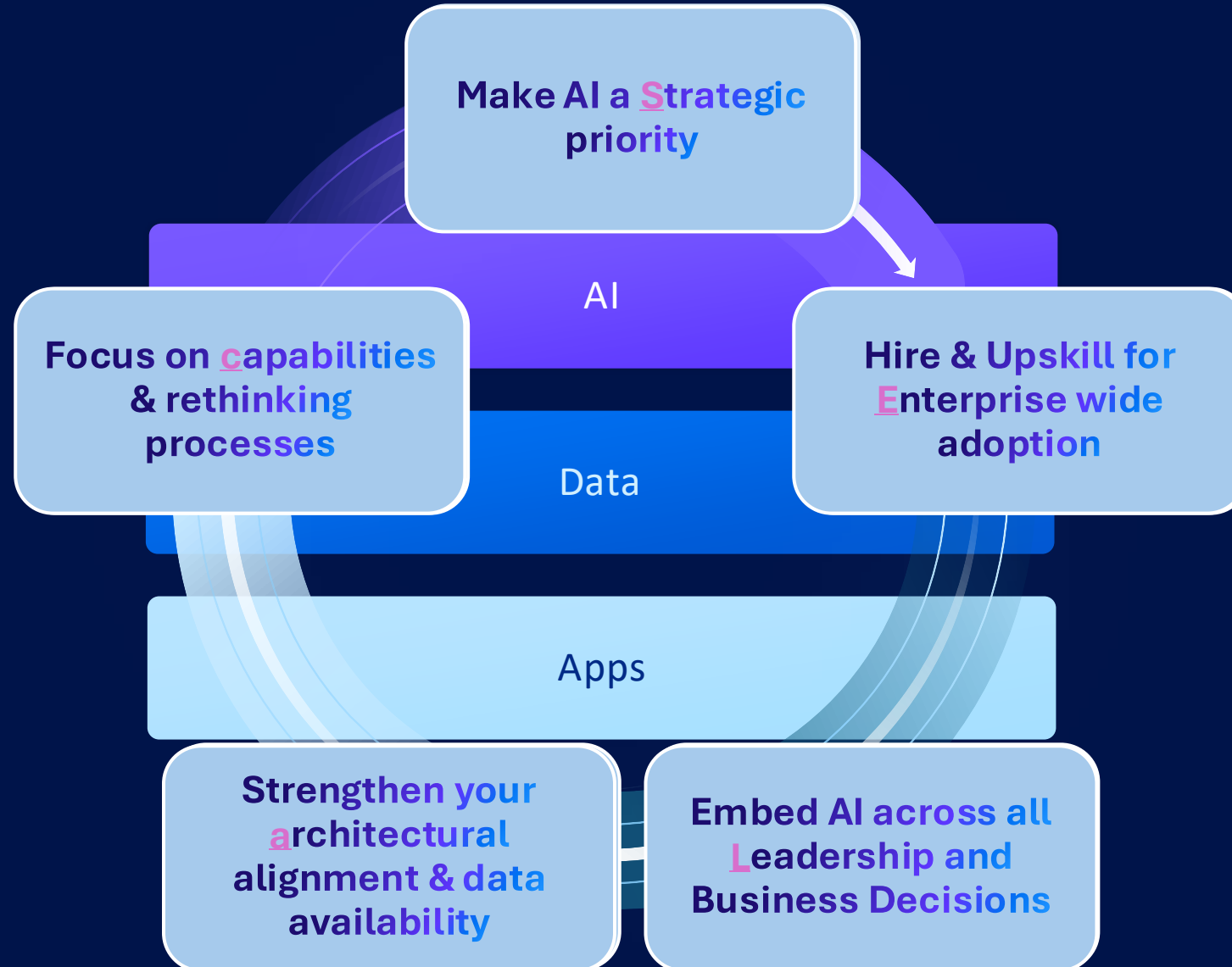
3. SCALE: Deploy AI agents in core workflows & build custom agents

- Value: Simplify & accelerate Processes, Scale Impact end-2-end



Business AI Use Cases &
Value

SCALE AI





Let's Connect



Jesper Schleimann
AI Officer, SAP EMEA



Business AI
Use Cases &
Value