# CHAGING THE GAME WITH SAP BUSINESS AI

# BUILD YOUR OWN SMART AGENTS

Presented by Barış Arslan

İSTANBUL TÜRKİYE

SAP INSIDE TRACK ISTANBUL ‘25

# What we have

EMBEDDED CAI

**40%**

**2024**

GENERATIVE DEVS

**30%**

**2025**

GENERATIVE DESIGN

**60%**

**2026**

HUMAN ENGAGE WITH DWF

**100m**

**2026**

APP DEV WITHOUT HUMAN

**15%**

**2027**

# 4.1 trillion $

Potential economic impact in the next 3 years

Morgan Stanley

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Cost of using AI decreases 10 times every 12 month

Sam Altman – Three Observations

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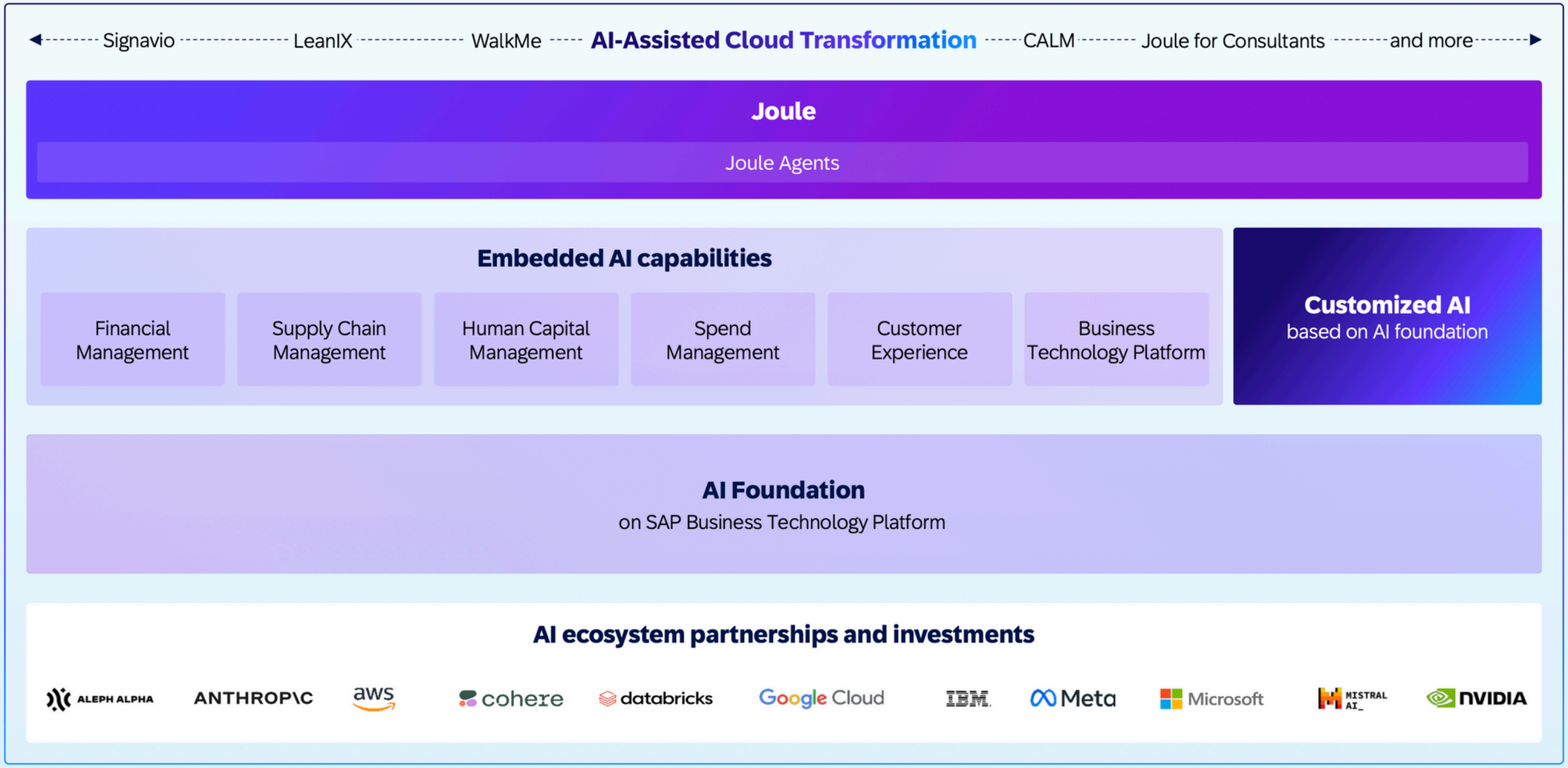
Drive relevant outcomes ✦ Trust reliable results ✦ Adopt AI and scale responsibly

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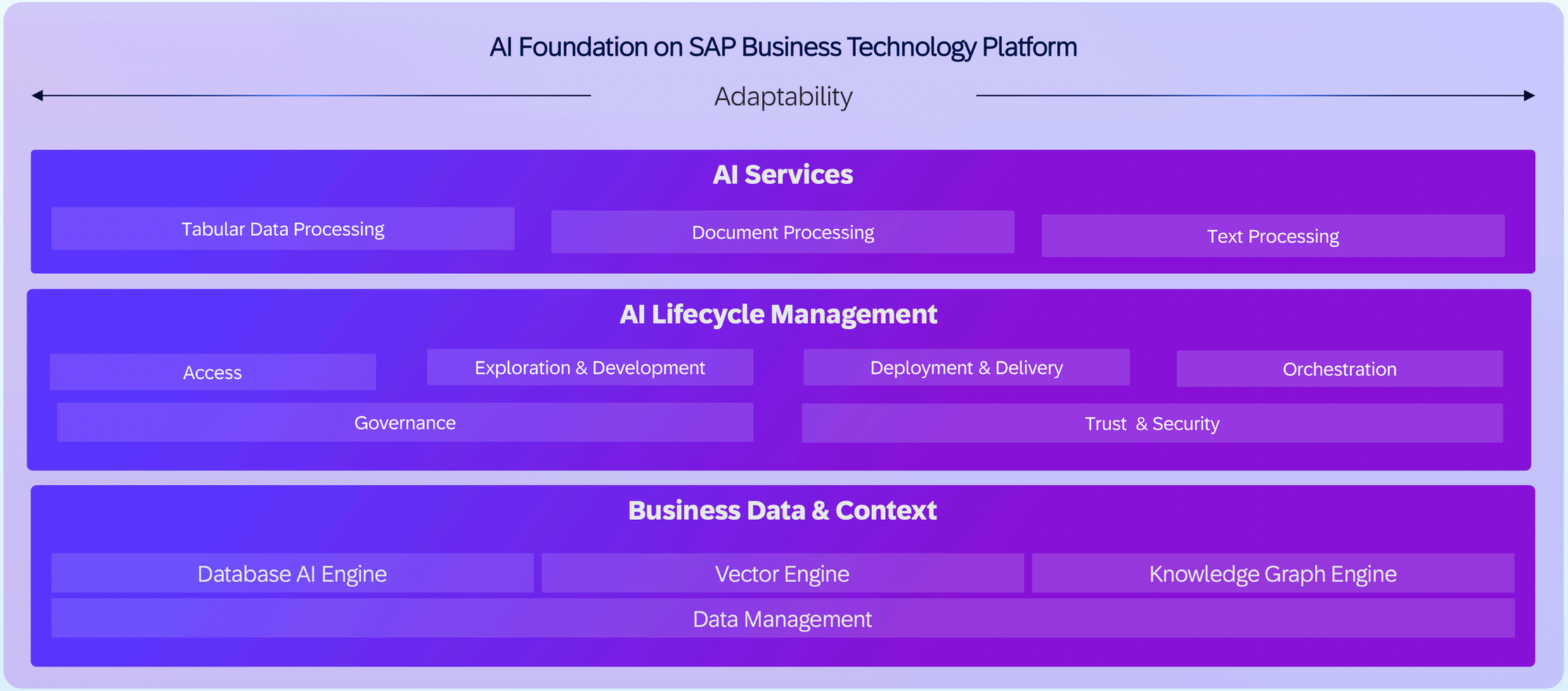
# A complete set of services for AI developers on SAP BTP

## AI Foundation

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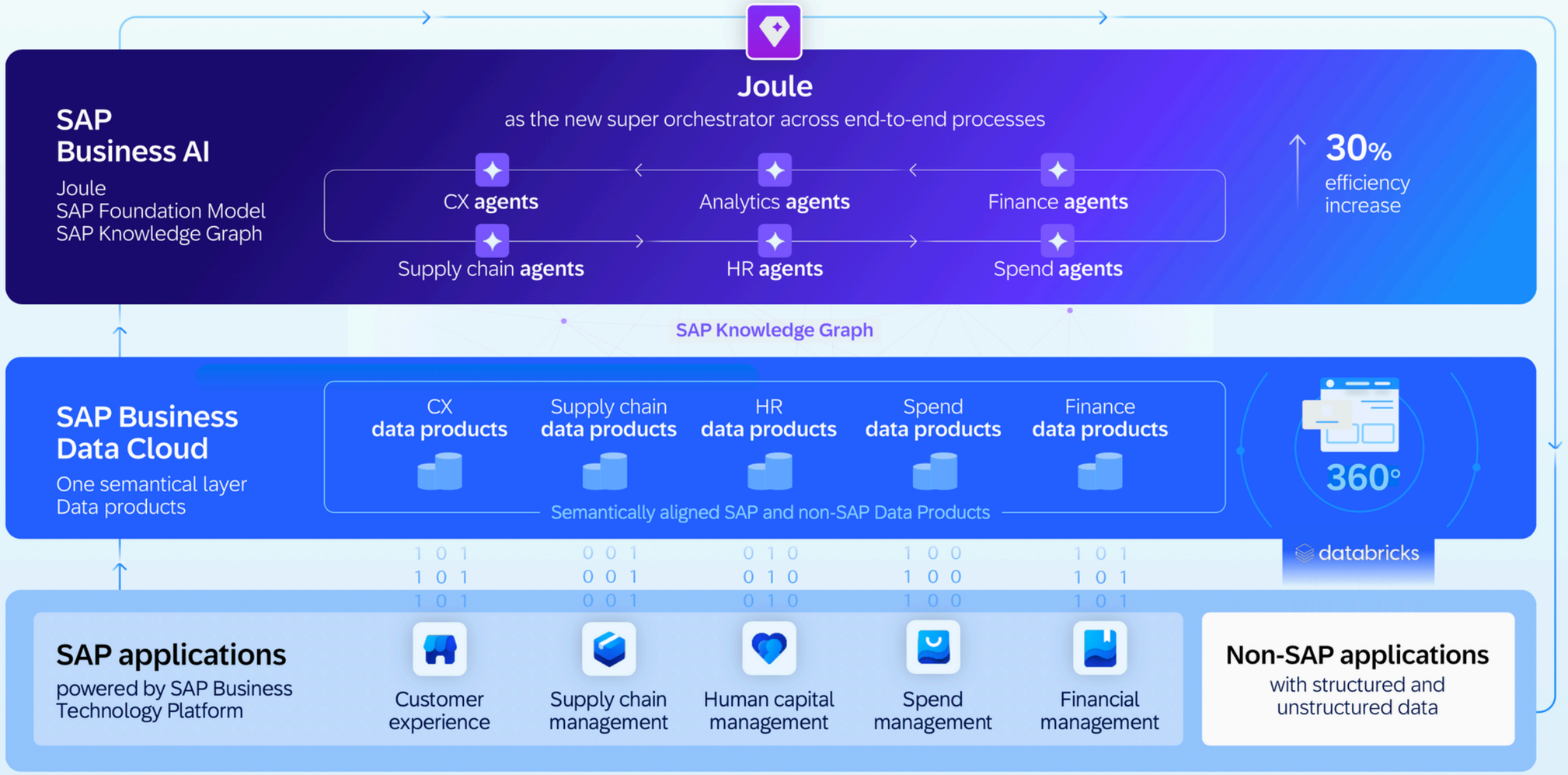
# AI first and Suite first

SAP delivers market making innovation with SAP Business Suite

**Learn more on**
**SAP Business Data Cloud**

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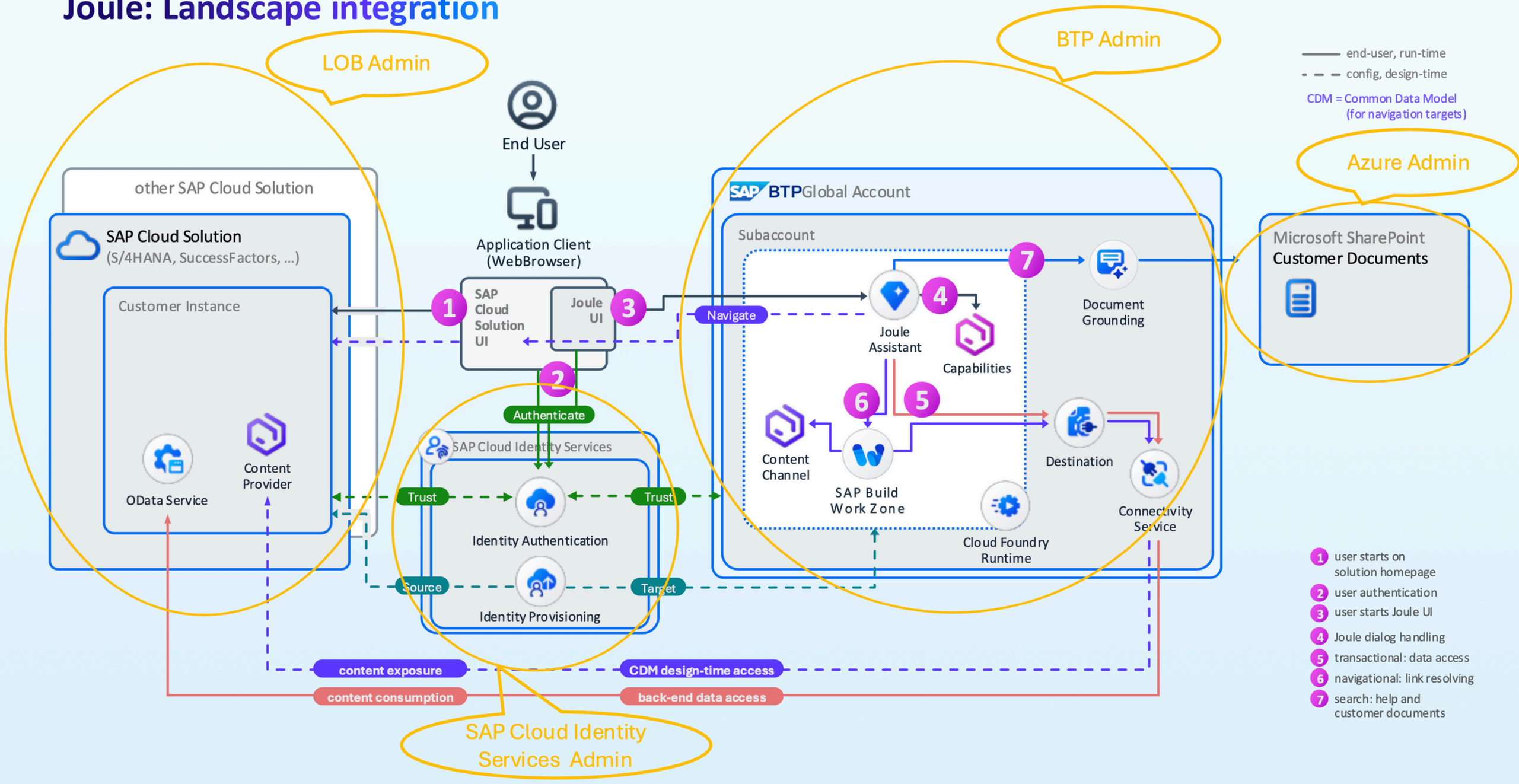
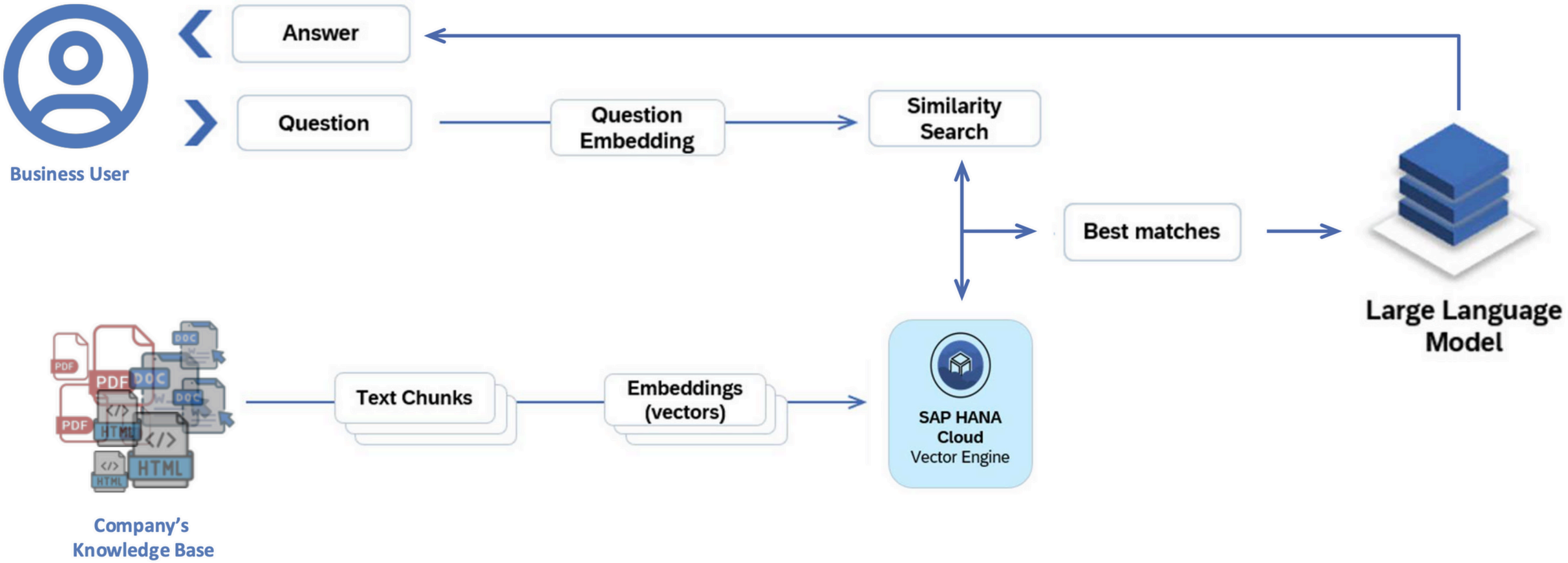
# Joule: Landscape integration

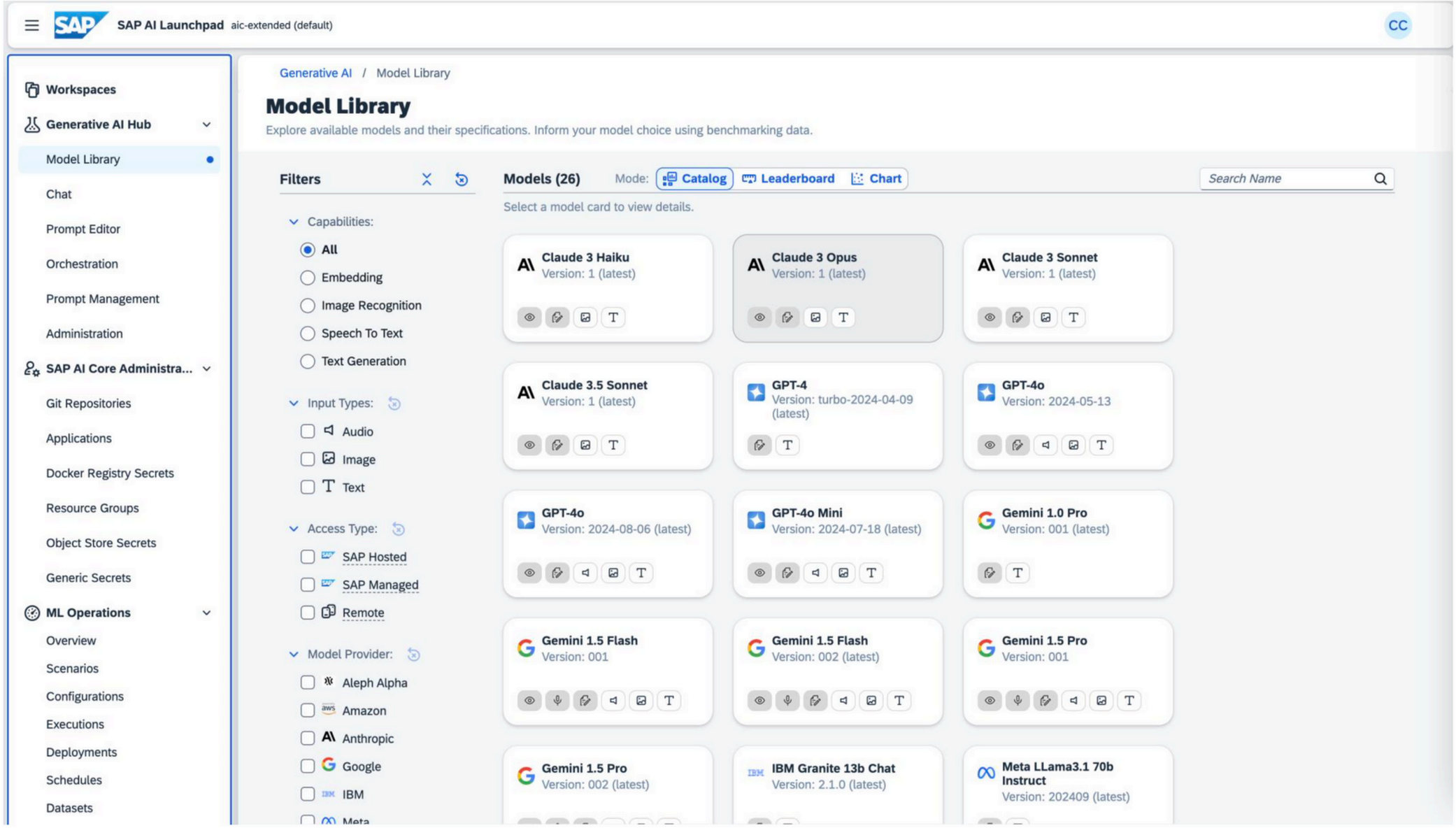


Choose sidebar display



# Without Orchestration

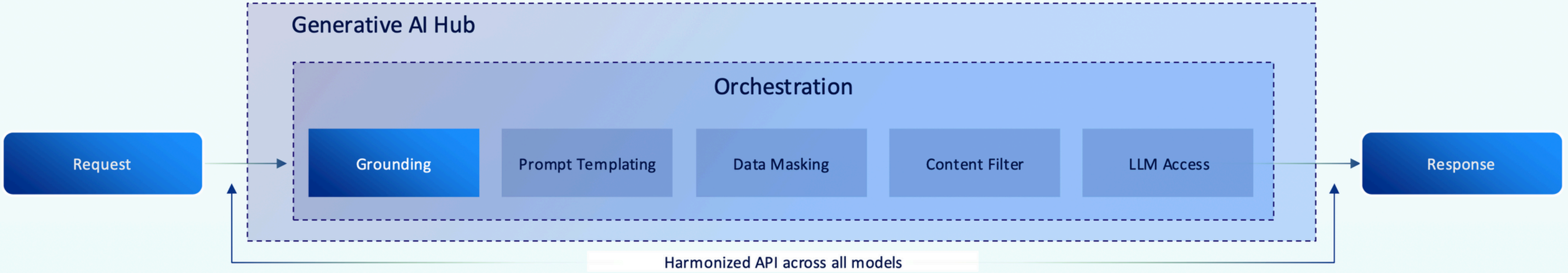



SAP AI Launchpad aic-extended (default)
CC
Workspaces
Generative AI Hub
Model Library
Chat
Prompt Editor
Orchestration
Prompt Management
Administration
SAP AI Core Administra...
Git Repositories
Applications
Docker Registry Secrets
Resource Groups
Object Store Secrets
Generic Secrets
ML Operations
Overview
Scenarios
Configurations
Executions
Deployments
Schedules
Datasets
Generative AI / Model Library
Model Library
Explore available models and their specifications. Inform your model choice using benchmarking data.
Filters
Capabilities:
All
Embedding
Image Recognition
Speech To Text
Text Generation
Input Types:
Audio
Image
Text
Access Type:
SAP Hosted
SAP Managed
Remote
Model Provider:
Aleph Alpha
Amazon
Anthropic
Google
IBM
Meta
Models (26)
Mode: Catalog Leaderboard Chart
Search Name
Select a model card to view details.
Claude 3 Haiku
Version: 1 (latest)
Claude 3 Opus
Version: 1 (latest)
Claude 3 Sonnet
Version: 1 (latest)
Claude 3.5 Sonnet
Version: 1 (latest)
GPT-4
Version: turbo-2024-04-09 (latest)
GPT-4o
Version: 2024-05-13
GPT-4o
Version: 2024-08-06 (latest)
GPT-4o Mini
Version: 2024-07-18 (latest)
Gemini 1.0 Pro
Version: 001 (latest)
Gemini 1.5 Flash
Version: 001
Gemini 1.5 Flash
Version: 002 (latest)
Gemini 1.5 Pro
Version: 001
Gemini 1.5 Pro
Version: 002 (latest)
IBM Granite 13b Chat
Version: 2.1.0 (latest)
Meta LLama3.1 70b Instruct
Version: 202409 (latest)

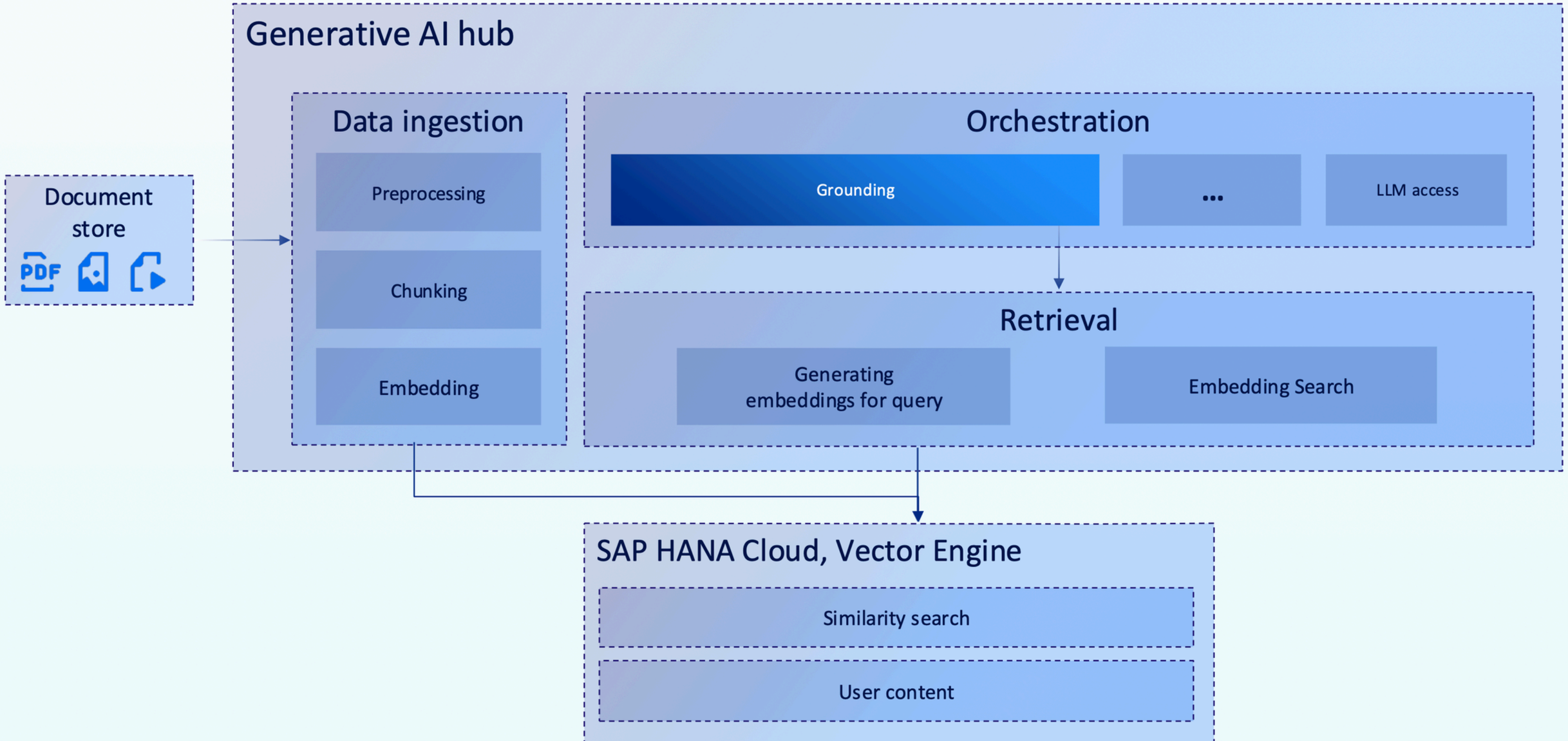
ORCHESTRATION

# Grounding

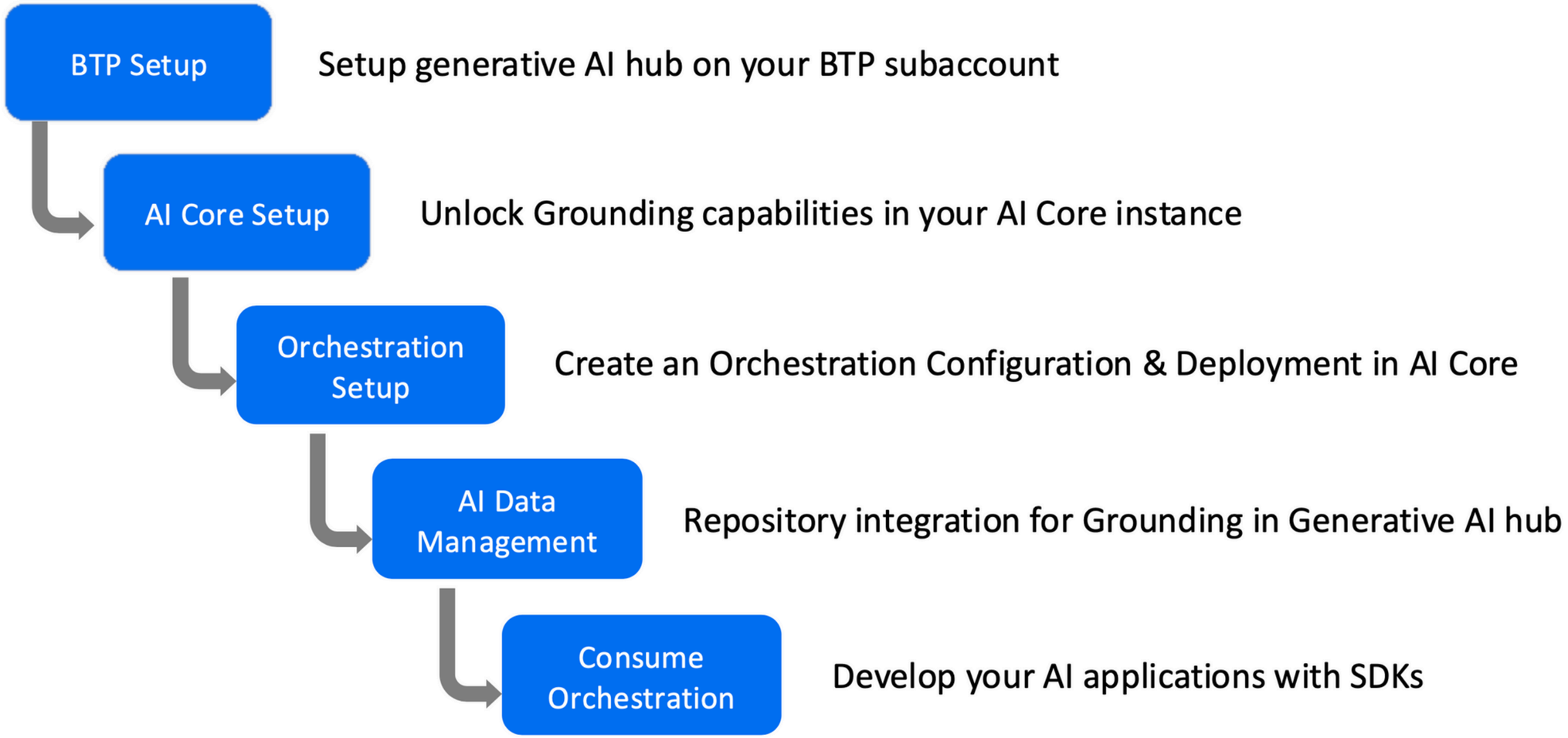
How can I **prevent** the large language model **from hallucinating and enhance** its answers in the **context of my business**?



# Grounding


Generative AI hub
Data ingestion
Preprocessing
Chunking
Embedding
Orchestration
Grounding
...
LLM access
Retrieval
Generating embeddings for query
Embedding Search
Document store
PDF
SAP HANA Cloud, Vector Engine
Similarity search
User content

## Implementation Deep Dive



# SDKs

| | |
|---|---|
| Python | available now |
| JavaScript | available now |
| Java | available now |
| ABAP | available now |

https://help.sap.com/doc/generative-ai-hub-sdk/CLOUD/en-US/index.html

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Presented by Barış Arslan
Linkedin: /in/xbarslan