

TRANSFORMATIVE
AI & DATA SOLUTION

TRAIDA
FRAMEWORK



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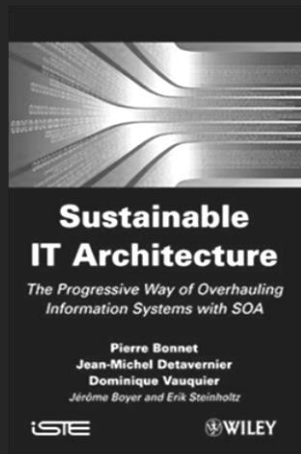
Direct access to the table of contents

Part 02: AI impacts & Software

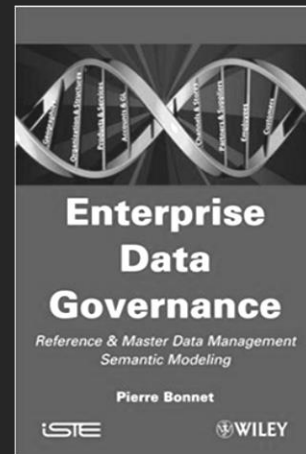


PIERRE BONNET

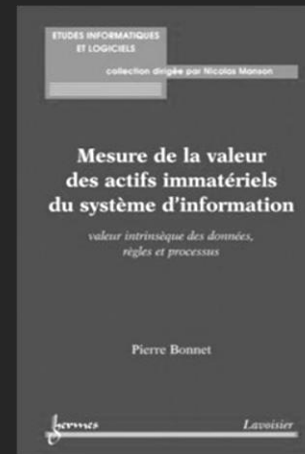
PIERRE.BONNET@HLFL-CONSULTING.COM



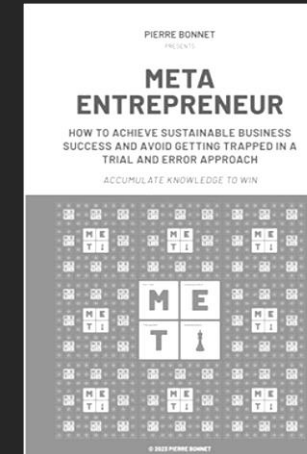
EA + SOA



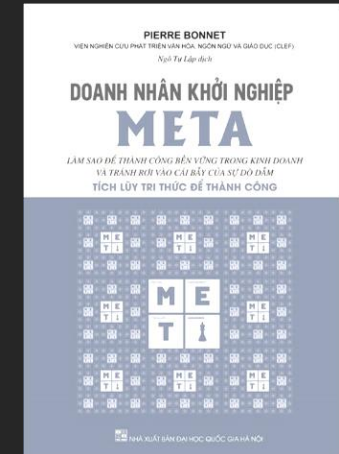
DATA



IS RATING



MINDSET



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Direct access to the table of contents

Part 02: AI impacts & Software

TRAI
FRAMEWORK



AI ACADEMY COLLABORATES WITH THE ENGAGE-META COMMUNITY

FOR THE **TRAIDA** FRAMEWORK, AI ACADEMY VIETNAM STANDS AS THE PREMIER CONTRIBUTOR, DEVELOPING AI-RELATED CARDS, DELIVERING MASTERCLASS TRAINING ON AI, AND CONSTRUCTING SEMANTICALLY-DRIVEN ENTERPRISE AI GOVERNANCE PLATFORMS

Tầng 2, toà CT1 Tràng An complex, số 1 Phùng Chí Kiên, phường Nghĩa Đô, quận Cầu Giấy, TP Hà Nội -
nxhoai@aiacademy.edu.vn - <https://aiacademy.edu.vn/home>



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Direct access to the table of contents

Part 02: AI impacts & Software



TABLE OF CONTENTS





 USE THIS BUTTON FOR DIRECT ACCESS TO THE TOPIC

IN THIS SLIDE DECK PART 02

AI IMPACTS

-  IMPACTS ON THE BUSINESS
-  IMPACTS ON THE IT SYSTEM

GOVERNANCE & AI SOFTWARE SOLUTIONS

-  INTEGRATION WITH ENTERPRISE GOVERNANCE (EG)
-  INTEGRATION WITH ENTERPRISE ARCHITECTURE (EA)
-  POST-CONSULTATION SERVICES
-  AI SOFTWARE LIST

GO TO THE OTHER SLIDE DECK PART 01

OUR VISION








- THE CONTEXT OF OUR APPROACH
- OUR VISION FOR TRANSFORMATIVE AI AND DATA SOLUTIONS
- ALIGNMENT OF OUR VISION WITH THE STATE OF ART

OUR SOLUTION

- THE TRAIDA FRAMEWORK
- THE FINAL REPORT DELIVERABLE
- PROCESS TO ASSESS AND BUILD YOUR TRANSFORMATIVE AI AND DATA SOLUTIONS
- END



IMPACTS ON THE BUSINESS

-  IMPACTS ON THE BUSINESS
-  IMPACTS ON THE IT SYSTEM
-  INTEGRATION WITH ENTERPRISE GOVERNANCE (EG)
-  INTEGRATION WITH ENTERPRISE ARCHITECTURE (EA)
-  POST-CONSULTATION SERVICES
-  AI SOFTWARE LIST
-  END

IN THIS SECTION

EXAMPLES OF AI TRANSFORMATIVE BUSINESS USES CASES

 [GO TO IT IMPACTS](#)

PRODUCTIVITY

ACCELERATING
MATERIALS DISCOVERY
WITH AI

DATA DEDUPLICATION
WITH AI

BILL GATES' VOICE

THE STRATEGIC
ADVANTAGE LIES IN
GOOD DATA AND
FINE-TUNING

ASSISTANT
WITH AI

WORKFORCE
REDUCTION
WITH AI

PAY SLIPS CHECK
WITH AI

WRITING STYLE
MANAGEMENT
WITH AI

AMAZON CASE
WITH AI


REGULATORY IMPACTS
ANALYSIS WITH AI

SOFTWARE
ENGINEERING PROCESS
WITH AI

THE FIRST NEWS
CHANNEL POWERED
ENTIRELY BY AI



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 [Direct access to the table of contents](#)

Part 02: AI impacts & Software

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PRODUCTIVITY



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[Direct access to the table of contents](#)

Part 02: AI impacts & Software

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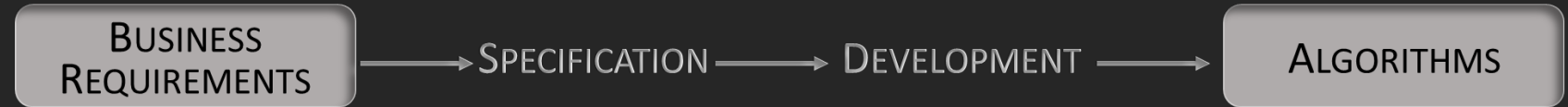
BEFORE AI

HEAVY IT PROCESSES AND
RIGID ALGORITHMS UNABLE
TO ADAPT DYNAMICALLY



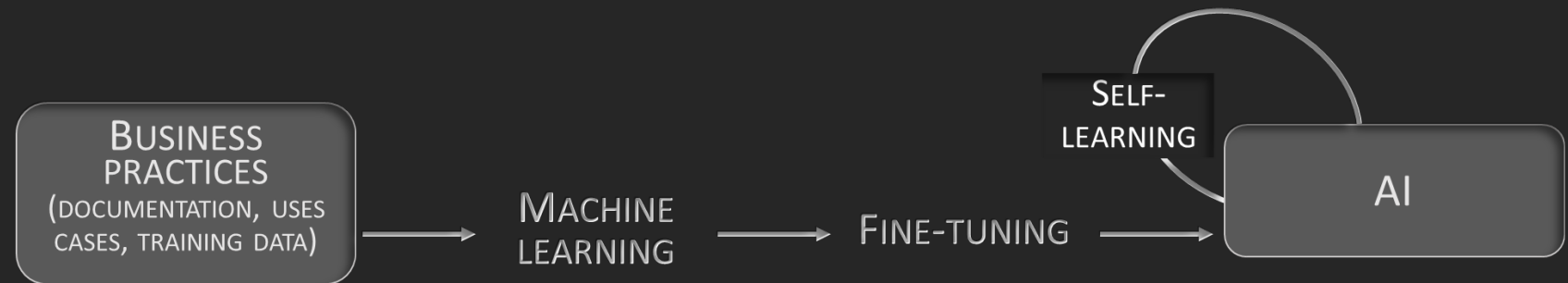
BEFORE AI

HEAVY IT PROCESSES AND RIGID ALGORITHMS UNABLE TO ADAPT DYNAMICALLY



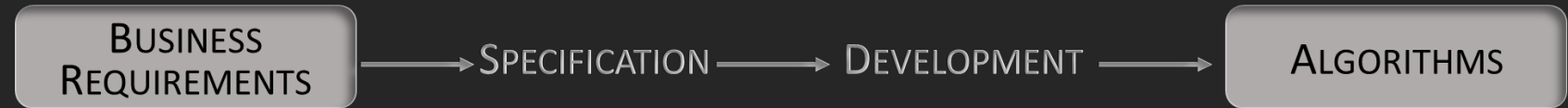
WITH AI

LIGHTWEIGHT PROCESSES FEATURING ADAPTABLE AUTOMATION AND SELF-LEARNING CAPABILITIES



BEFORE AI

HEAVY IT PROCESSES AND RIGID ALGORITHMS UNABLE TO ADAPT DYNAMICALLY



10X PRODUCTIVITY

APPLIED TO 50% OF EXISTING SOFTWARE AND 100% OF PROCESSES NOT YET AUTOMATED

WITH AI

LIGHTWEIGHT PROCESSES FEATURING ADAPTABLE AUTOMATION AND SELF-LEARNING CAPABILITIES



THE STRATEGIC ADVANTAGE LIES IN GOOD DATA AND FINE-TUNING



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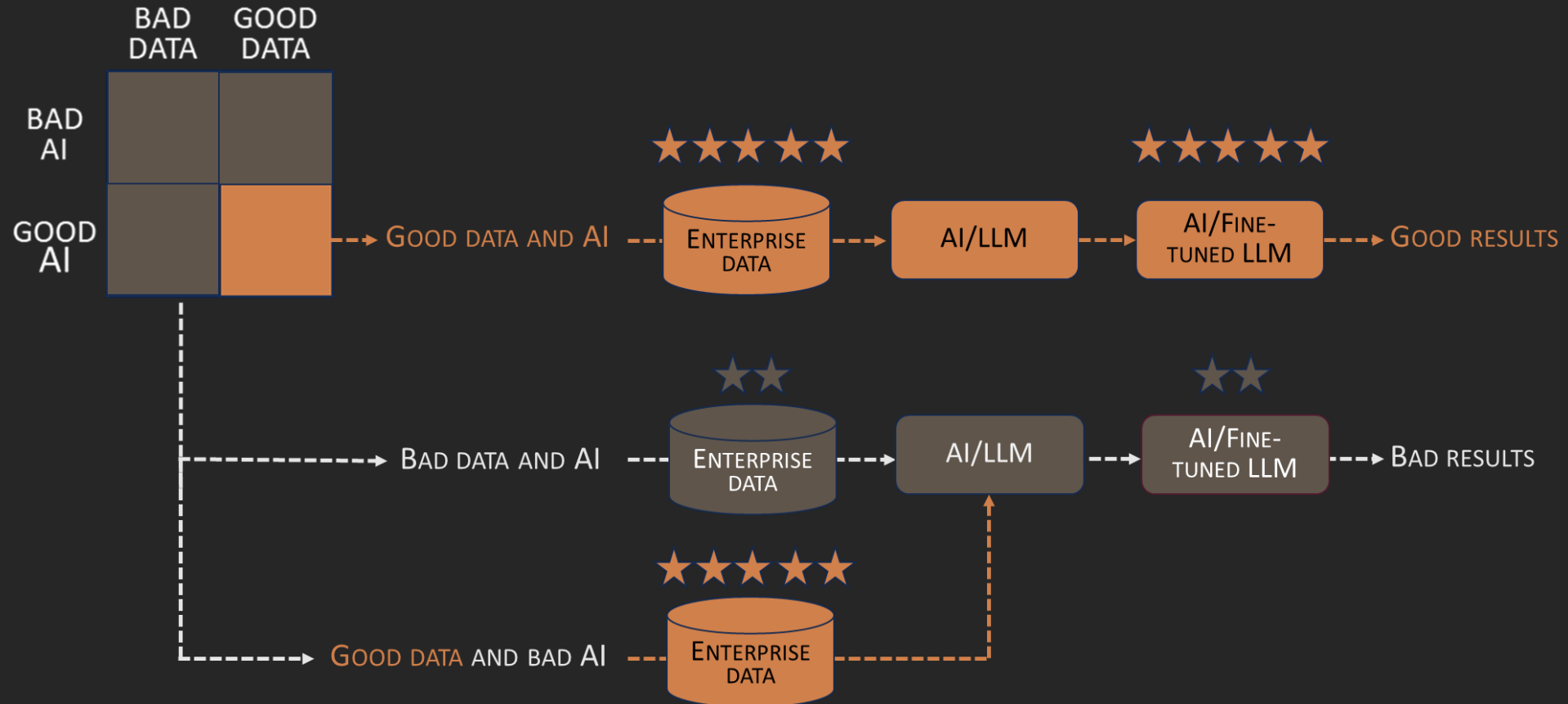


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Part 02: AI impacts & Software

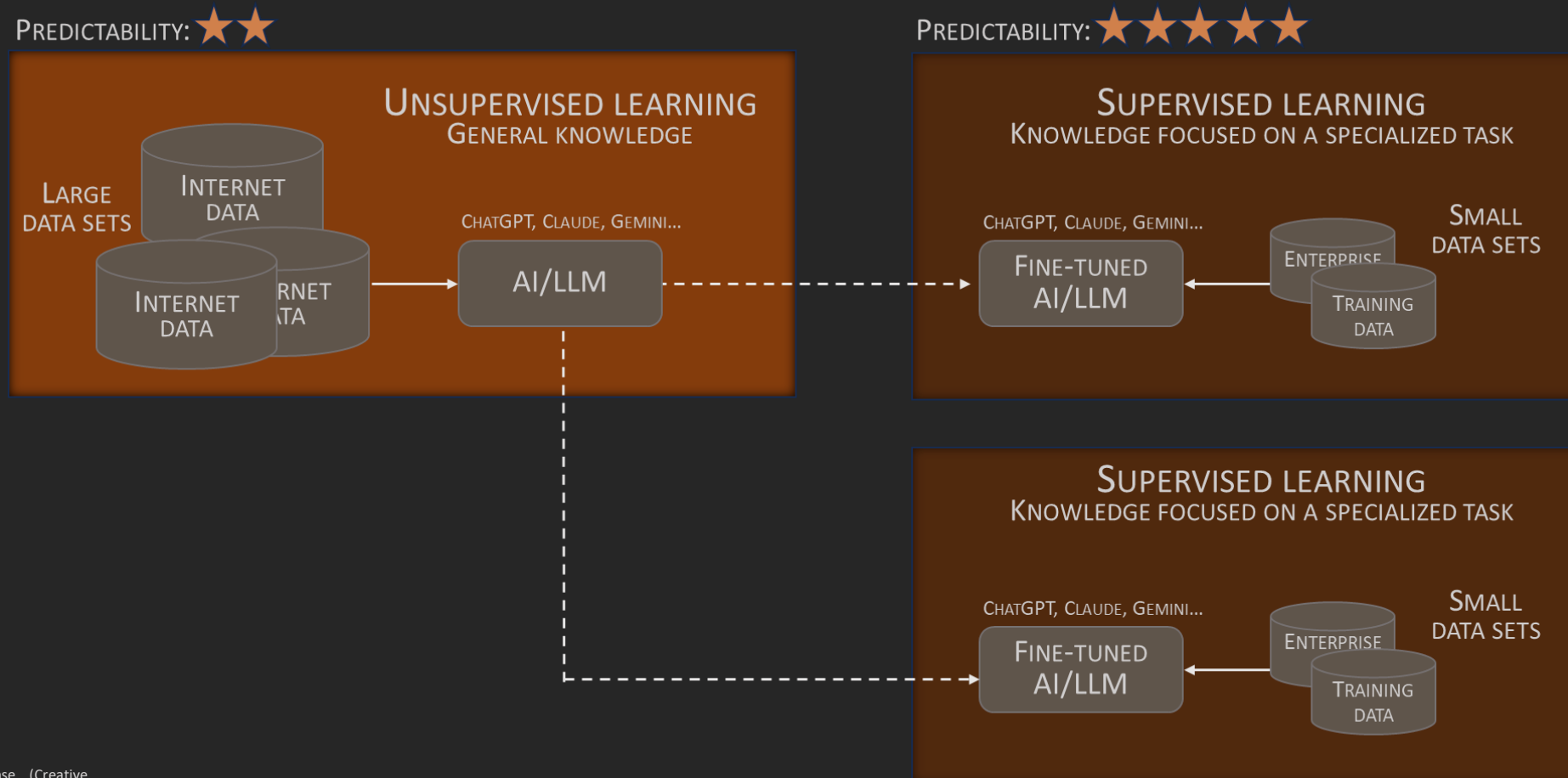
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GARBAGE IN, GARBAGE OUT

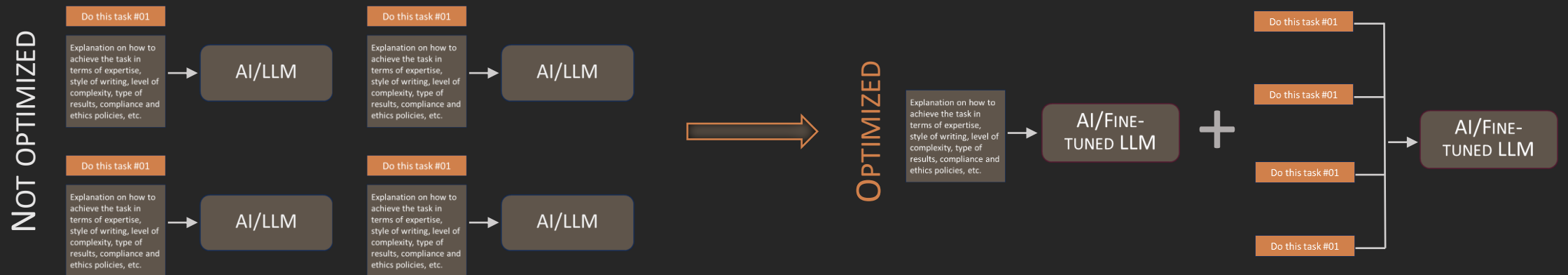
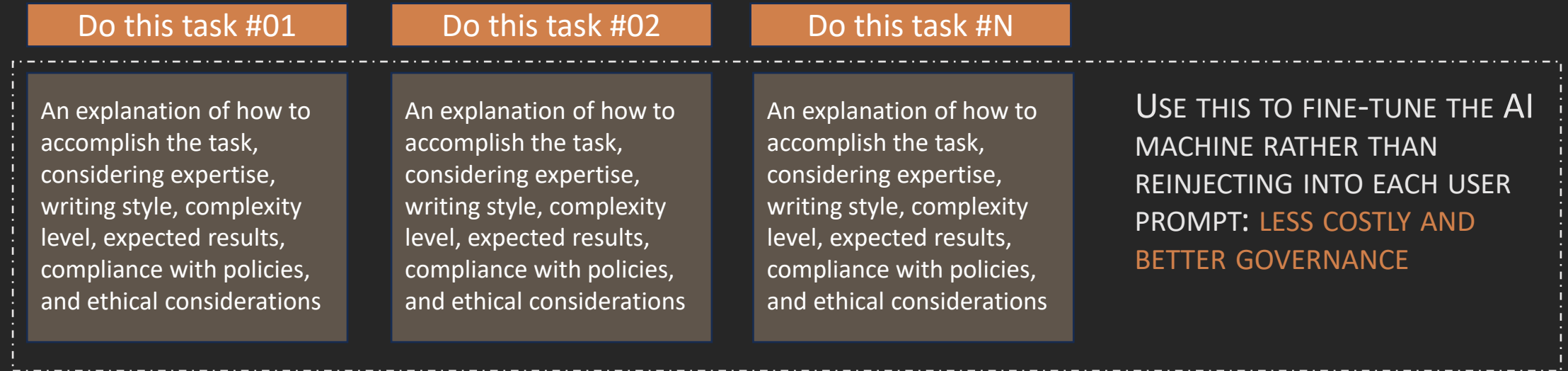


FINE-TUNING PROCESS

YOU NEED QUALITY DATA, BUT NOT NECESSARILY LARGE DATASETS: LARGE LANGUAGE MODEL (LLM) ENGINES LIKE CHATGPT, CLAUDE, GEMINI... HAVE ALREADY BEEN TRAINED ON MASSIVE DATASETS FOR YOU

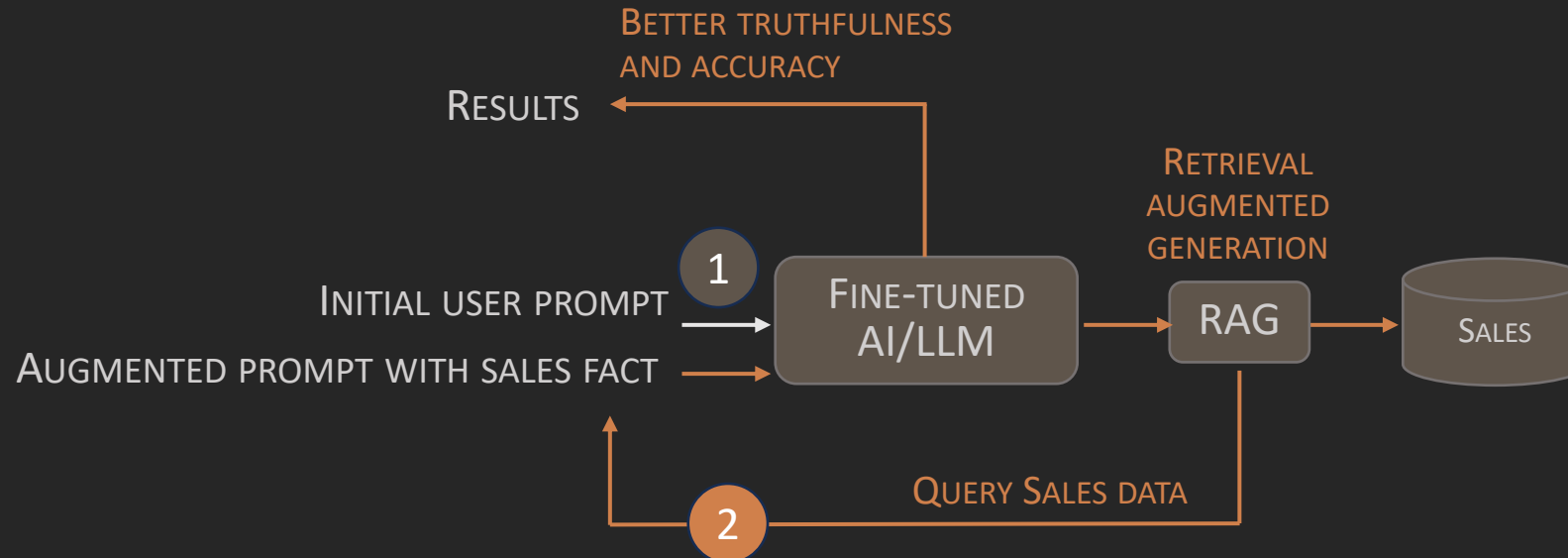


FINE-TUNING STATEMENTS GENERALIZATION



RETRIEVAL-AUGMENTED GENERATION (RAG)

SEMANTIC SEARCH TO RETRIEVE DATA TO INCLUDE IN THE PROMPT TO PROVIDE FACTS IN A USER CONTEXT



EXAMPLE OF A FINE-TUNING USER-GUIDE WITH CHATGPT

The screenshot shows a web browser displaying the OpenAI fine-tuning user guide. The URL is <https://platform.openai.com/docs/guides/fine-tuning>. The page has a navigation bar with 'Overview', 'Documentation', and 'API reference' links, along with 'Log in' and 'Sign up' buttons. A search bar is located at the top left. The left sidebar contains a table of contents with sections like 'GET STARTED', 'CAPABILITIES', and 'Fine-tuning'. The main content area is titled 'Fine-tuning' and includes a sub-section 'Introduction'. A yellow highlight is placed over the text 'Learn how to customize a model for your application.' Another yellow highlight is placed over a paragraph: 'Fine-tuning improves on few-shot learning by training on many more examples than can fit in the prompt, letting you achieve better results on a wide number of tasks. Once a model has been fine-tuned, you won't need to provide as many examples in the prompt. This saves costs and enables lower-latency requests.' Below this, there is a list of steps for fine-tuning: 1. Prepare and upload training data, 2. Train a new fine-tuned model, 3. Evaluate results and go back to step 1 if needed.

https://platform.openai.com/docs/guides/fine-tuning

Overview Documentation API reference Log in Sign up

Search

GET STARTED

- Introduction
- Quickstart
- Models
- Tutorials
- Changelog

CAPABILITIES

- Text generation
- Function calling
- Embeddings
- Fine-tuning**
- Image generation
- Vision
- Text-to-speech
- Speech-to-text

Fine-tuning

Learn how to customize a model for your application.

Introduction

This guide is intended for users of the new OpenAI fine-tuning API. If you are a legacy fine-tuning user, please refer to our [legacy fine-tuning guide](#).

Fine-tuning lets you get more out of the models available through the API by providing:

- Higher quality results than prompting
- Ability to train on more examples than can fit in a prompt
- Token savings due to shorter prompts
- Lower latency requests

OpenAI's text generation models have been pre-trained on a vast amount of text. To use the models effectively, we include instructions and sometimes several examples in a prompt. Using demonstrations to show how to perform a task is often called "few-shot learning."

Fine-tuning improves on few-shot learning by training on many more examples than can fit in the prompt, letting you achieve better results on a wide number of tasks. Once a model has been fine-tuned, you won't need to provide as many examples in the prompt. This saves costs and enables lower-latency requests.

At a high level, fine-tuning involves the following steps:

- 1 Prepare and upload training data
- 2 Train a new fine-tuned model
- 3 Evaluate results and go back to step 1 if needed

DATA PRIVACY WITH LLM

WITH CHATGPT ENTERPRISE

OpenAI Research API ChatGPT Safety Company Search Log in Try ChatGPT

Enterprise privacy at OpenAI

Trust and privacy are at the core of our mission at OpenAI. We're committed to privacy and security for **ChatGPT Enterprise** and our API Platform.

[Read commitments ↓](#)

Our commitments

Ownership: You own and control your data <ul style="list-style-type: none">✓ We do not train on your data from ChatGPT Enterprise or our API Platform✓ You own your inputs and outputs (where allowed by law)✓ You control how long your data is retained (ChatGPT Enterprise)	Control: You decide who has access <ul style="list-style-type: none">✓ Enterprise-level authentication through SAML SSO✓ Fine-grained control over access and available features✓ Custom models are yours alone to use, they are not shared with anyone else	Security: Comprehensive compliance <ul style="list-style-type: none">✓ We've been audited for SOC 2 compliance✓ Data encryption at rest (AES-256) and in transit (TLS 1.2+)✓ Visit our Trust Portal to understand more about our security measures
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AI TO YOUR DESKTOP

HTTPS://JAN.AI

Stars 3760

NEW V0.4.3 is now live on GitHub. Check it out!

Jan Guides Developer API Reference Framework Community Blog About

Meet Jan

Bringing AI to your Desktop

Open-source ChatGPT alternative that runs 100% offline on your computer.

Download for Windows

Find out more

New threads

Study math
Space exploration
New threads
Marketing
Design thinking
Hypertube

Assistant

The advantages of Artificial Intelligence

Artificial Intelligence (AI) offers numerous advantages and has the potential to revolutionize various aspects of our lives. Here are some key advantages of AI:

- Automation:** AI can automate repetitive and mundane tasks, saving time and effort for humans. It can handle large volumes of data, perform complex calculations, and even make decisions with precision and consistency. The automation leads to increased productivity and efficiency in various industries.
- Decision-making:** AI systems can analyze vast amounts of data, identify patterns, and make informed decisions based on that analysis. This ability is particularly useful in complex scenarios where humans may struggle to process large datasets or where quick and accurate decisions are crucial.
- Improved accuracy:** AI algorithms can achieve high levels of accuracy and precision in tasks such as image recognition, natural language processing, and data analysis. They can minimize human errors caused by fatigue, distraction, or bias, leading to more reliable and consistent results.
- Continuous operation:** AI systems can work tirelessly without the need for breaks, resulting in uninterrupted 24/7 operations. This capability is especially beneficial in applications like customer support chatbots, manufacturing processes, and surveillance systems.

That's great! Please continue!

Threads

New threads

Assistant

You are a helpful assistant.

Inference Parameters

Max Tokens: 2048

Temperature: 0.5

Frequency Penalty: 0.0

Presence Penalty: 0.0



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Direct access to the table of contents

Part 02: AI impacts & Software

TRAIDA
FRAMEWORK

BONUS: TO LEARN MORE ABOUT PROMPTS

[HTTPS://PLATFORM.OPENAI.COM/EXAMPLES](https://platform.openai.com/examples)

PROMPTS EXAMPLES WITH CHATGPT

Prompt examples
Explore what's possible with some example prompts

Q Search... All categories

- Grammar correction**
Convert ungrammatical statements into standard English.
- Summarize for a 2nd grader**
Simplify text to a level appropriate for a second-grade student.
- Parse unstructured data**
Create tables from unstructured text.
- Emoji Translation**
Translate regular text into emoji text.
- Calculate time complexity**
Find the time complexity of a function.
- Explain code**
Explain a complicated piece of code.
- Keywords**
Extract keywords from a block of text.
- Product name generator**
Generate product names from a description and seed words.
- Python bug fixer**
Find and fix bugs in source code.
- Spreadsheet creator**
Create spreadsheets of various kinds of data.
- Tweet classifier**
Detect sentiment in a tweet.
- Airport code extractor**
Extract airport codes from text.
- Mood to color**
Turn a text description into a color.
- VR fitness idea generator**
Generate ideas for fitness promoting virtual reality games.
- Marv the sarcastic chat bot**
Marv is a factual chatbot that is also sarcastic.
- Turn by turn directions**
Convert natural language to turn-by-turn directions.

- Interview questions**
Create interview questions.
- Function from specification**
Create a Python function from a specification.
- Improve code efficiency**
Provide ideas for efficiency improvements to Python code.
- Single page website creator**
Create a single page website.
- Rap battle writer**
Generate a rap battle between two characters.
- Memo writer**
Generate a company memo based on provided points.
- Emoji chatbot**
Generate conversational replies using emojis only.
- Translation**
Translate natural language text.
- Socratic tutor**
Generate responses as a Socratic tutor.
- Natural language to SQL**
Convert natural language into SQL queries.
- Meeting notes summarizer**
Summarize meeting notes including overall discussion, action items, and future topics.
- Review classifier**
Classify user reviews based on a set of tags.
- Pro and con discussor**
Analyze the pros and cons of a given topic.
- Lesson plan writer**
Generate a lesson plan for a specific topic.

TINY AI ENGINES BASED ON LLM FINE-TUNING

[HTTPS://AIZIP.AI](https://aizip.ai)

Home Product Partners Technology About News Information

TECHNOLOGY

We build AI to build AI /

The powerful tiny AI engines for an intelligent world

At Aizip, we're building an AI nanofactory — Aizipline. By leveraging foundation models, generative models, self-supervised learning, and many other recent advancements, the AI model development cycle at Aizip can be accelerated by orders of magnitude. Aizip's ultimate goal is to achieve complete AI design automation (ADA).

NEWS

Take a Look at Our News



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Direct access to the table of contents

Part 02: AI impacts & Software

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PAY SLIPS CHECK WITH AI



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[Direct access to the table of contents](#)

Part 02: AI impacts & Software

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PAY SLIPS ISSUES

FROM VARIOUS DATA SOURCES

HR SYSTEM

PROJECT
MANAGEMENTS TOOLS

SPREADSHEETS

PAPER PROCESSES

LEGAL FILES

EMAIL, MAIL

SLACK

PHONE CALL

EXAMPLES OF ERRORS

MISCLASSIFYING
EMPLOYEES

MAKING ERRONEOUS
RETROACTIVE PAYMENTS

NOT TRACKING
EMPLOYEE HOURS AND
OVERTIME

TAXES ISSUES SUCH AS
PERSONAL USE OF A
COMPANY CAR

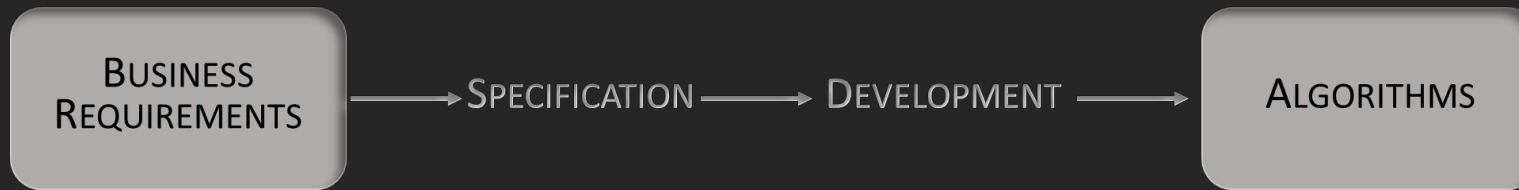
DEDUCTING THE
WRONG AMOUNT FOR
BENEFITS



1,000 PAYSLIPS PER MONTH WITH VARIOUS ERRORS THAT ARE DIFFICULT TO TRACK

#1. WITHOUT AI

- SOFTWARE DEVELOPMENT: 100 DAYS → USD 100,000
- MANUAL VERIFICATION: 5 DAYS / MONTH → USD 5,000
- TOTAL FIRST YEAR: **USD 160,000**

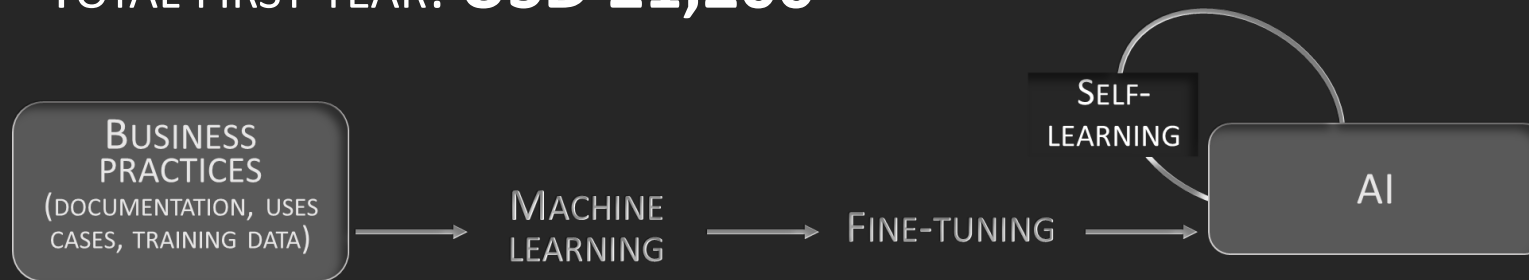


NO SELF-LEARNING CAPABILITY; EACH NEW TYPE OF ERROR MUST BE MANUALLY INTEGRATED INTO THE ALGORITHM OR ADDRESSED THROUGH PARAMETERIZATION

1,000 PAYSLEIPS PER MONTH WITH VARIOUS ERRORS THAT ARE DIFFICULT TO TRACK

#2. WITH AI

- SOFTWARE DEV. AND MACHINE LEARNING SETUP: USD 8,000
- MANUAL VERIFICATION: 1 DAY / MONTH + LLM COST: USD 1,100
- TOTAL FIRST YEAR: **USD 21,200**



SELF-LEARNING CAPABILITY; THE SYSTEM BECOMES MORE EFFICIENT OVER TIME WITHOUT ANY SOFTWARE IMPLEMENTATION EFFORT

1,000 PAYSLIPS PER MONTH WITH VARIOUS ERRORS THAT ARE DIFFICULT TO TRACK

#1. WITHOUT AI

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7.5X PRODUCTIVITY

#2. WITH AI

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REGULATORY IMPACTS ANALYSIS WITH AI



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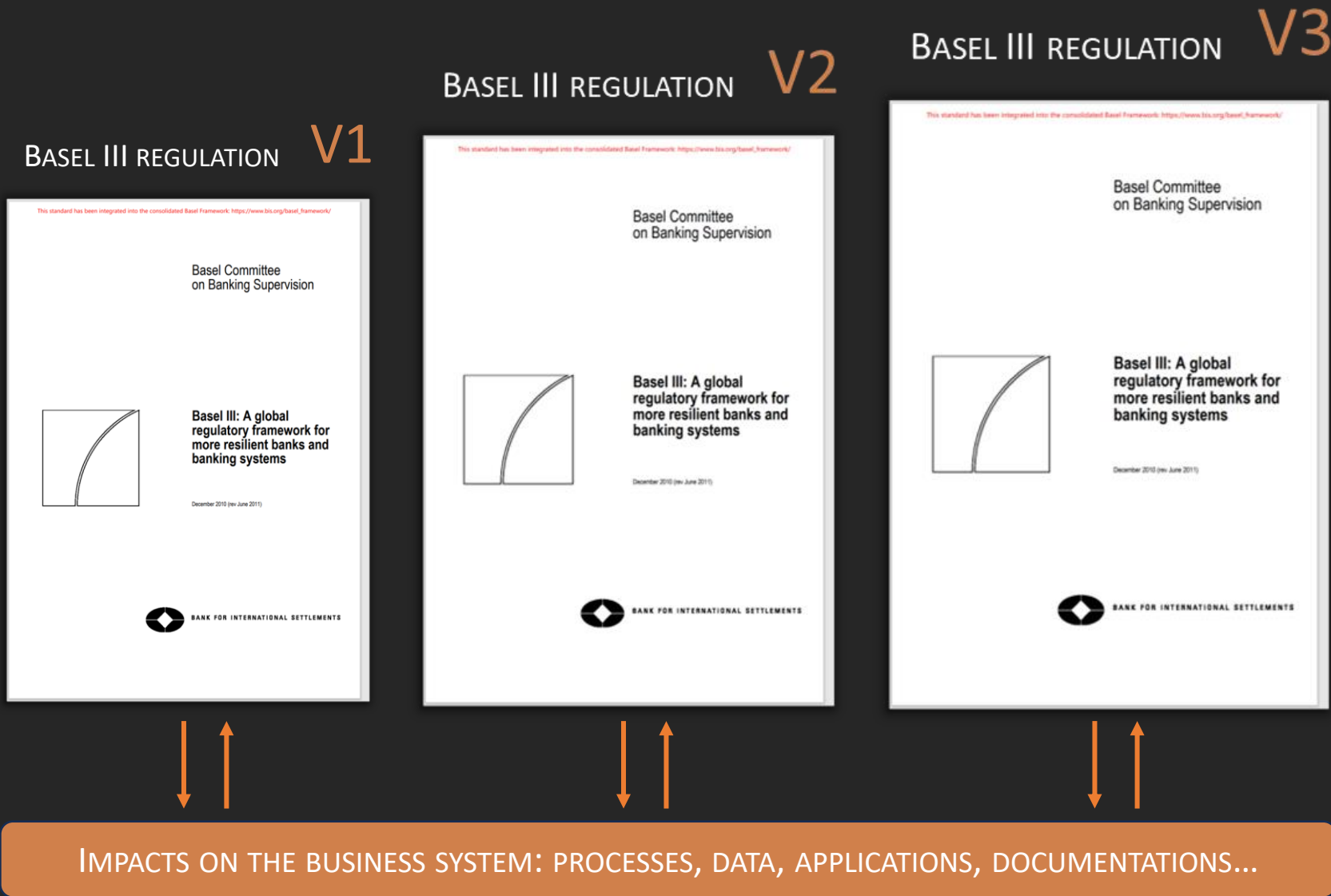


[Direct access to the table of contents](#)

Part 02: AI impacts & Software

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IMPACTS ON THE BUSINESS SYSTEM



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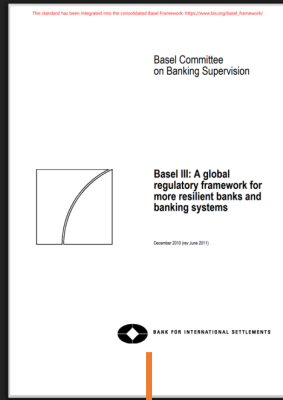
Direct access to the table of contents

Part 02: AI impacts & Software

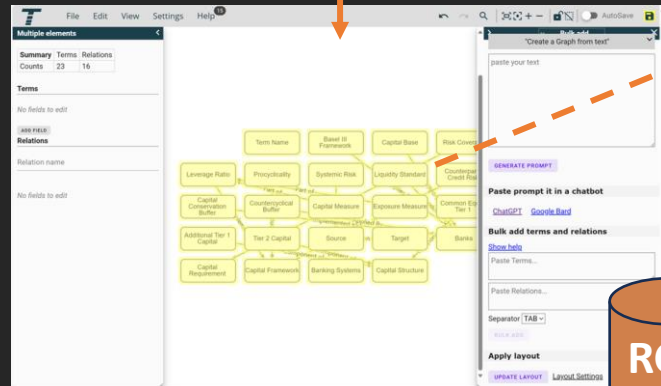
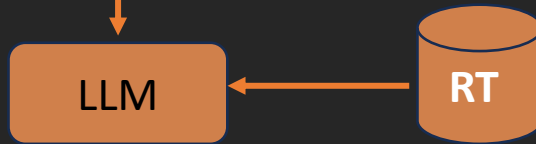


CONSTRUCTION OF KNOWLEDGE GRAPH FROM REGULATORY DOCUMENTATION

BASEL III REGULATION

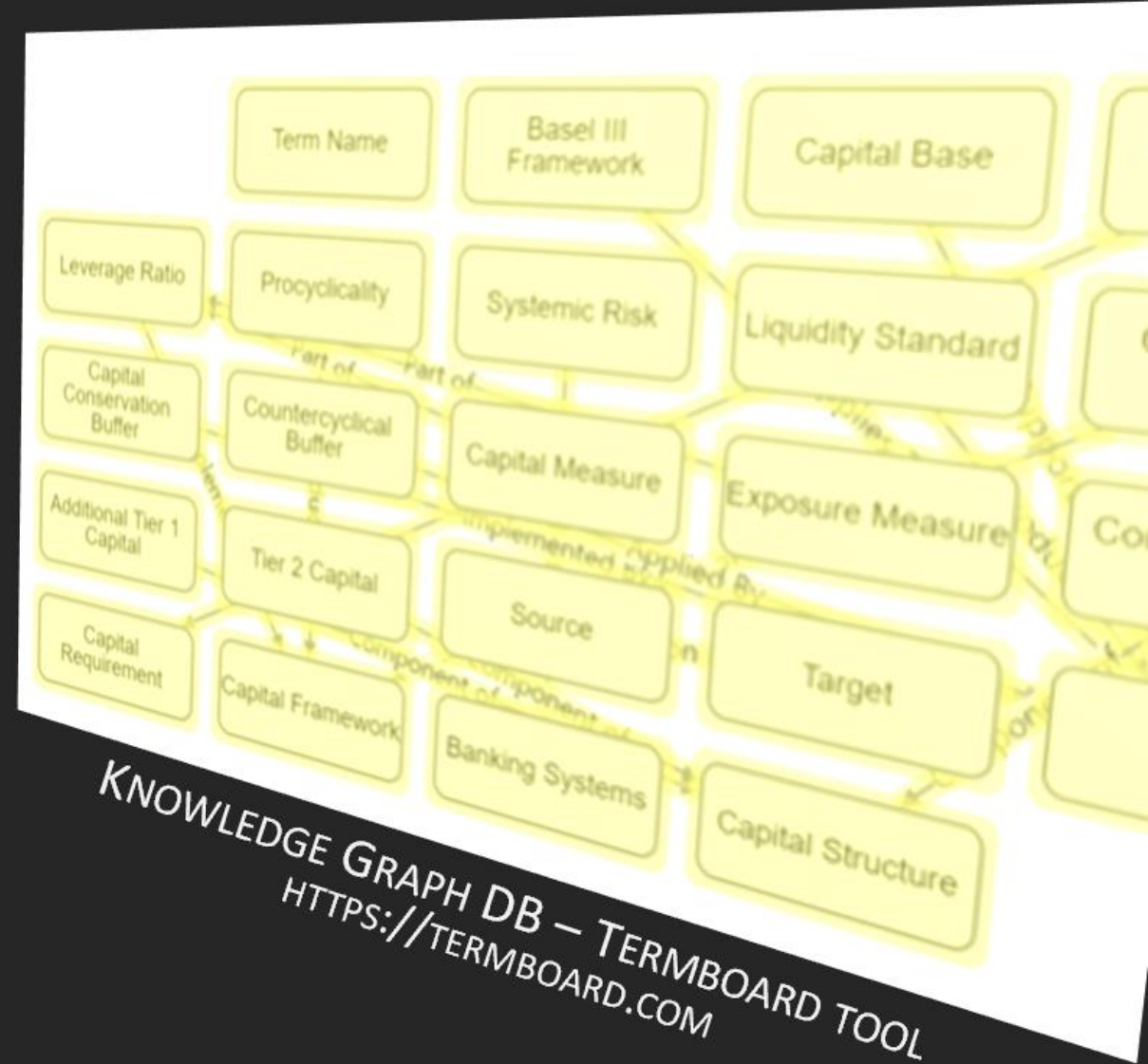


REGULATION
TERMS
CATALOG



REGULATION GRAPH V0

KNOWLEDGE GRAPH DB – TERMBOARD TOOL



KNOWLEDGE GRAPH DB – TERMBOARD TOOL
[HTTPS://TERMBOARD.COM](https://termboard.com)



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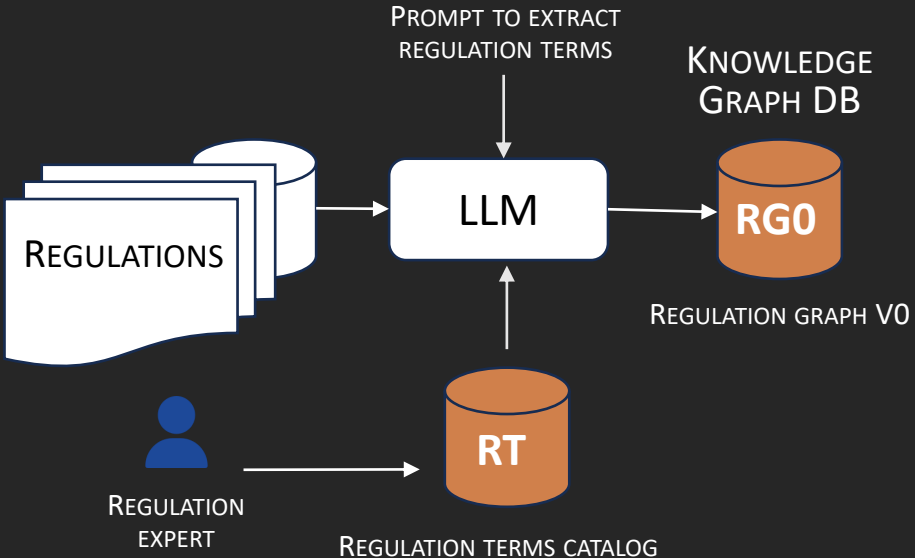


Direct access to the table of contents

Part 02: AI impacts & Software



CONSTRUCTION OF KNOWLEDGE GRAPH FROM REGULATORY DOCUMENTATION



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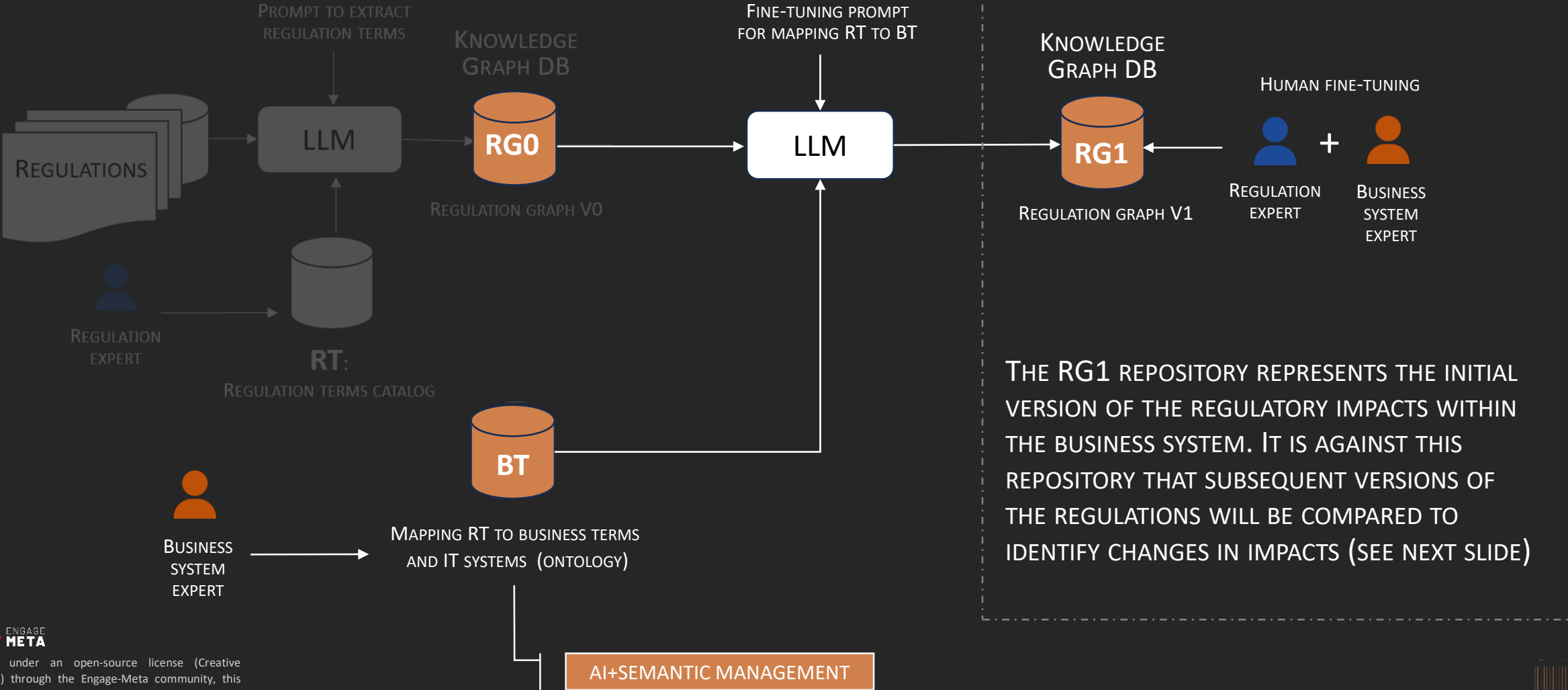


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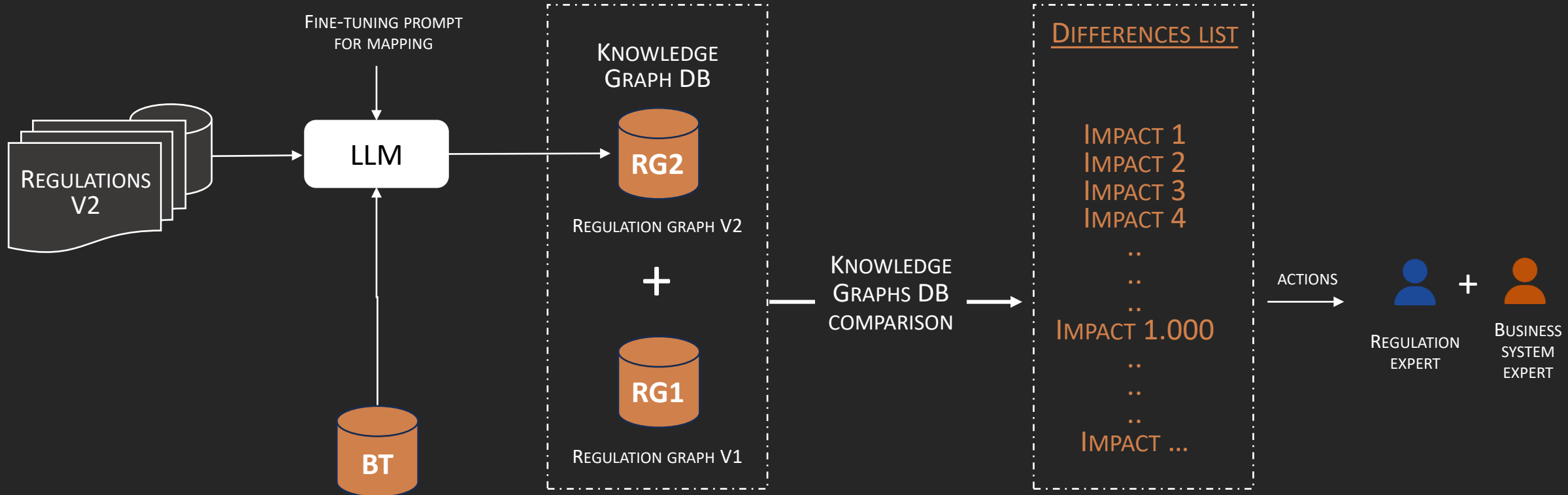
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INITIAL VERSION OF THE REGULATORY IMPACTS WITHIN THE BUSINESS SYSTEM



NEW VERSION OF THE REGULATION AUTOMATED IDENTIFICATION OF REGULATORY IMPACTS ON BUSINESS ENTERPRISES



MAPPING RT TO BUSINESS TERMS
AND IT SYSTEMS (ONTOLOGY)

AI+SEMANTIC MANAGEMENT

ENGAGE META
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Direct access to the table of contents



ACCELERATING MATERIALS DISCOVERY WITH AI



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[Direct access to the table of contents](#)

Part 02: AI impacts & Software

TRAIDA
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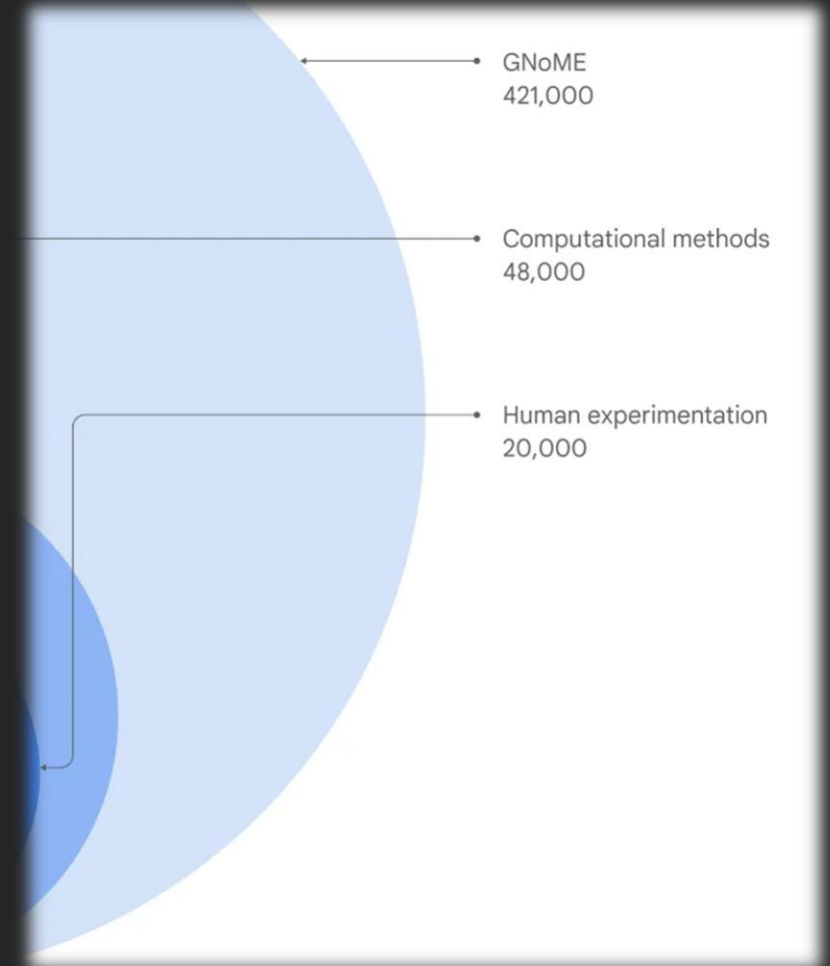
<https://deepmind.google/discover/blog/millions-of-new-materials-discovered-with-deep-learning/>

AI tool GNoME finds 2.2 million new crystals, including 380,000 stable materials that could power future technologies

Today, in a [paper published in Nature](#), we share the discovery of 2.2 million new crystals – equivalent to nearly 800 years' worth of knowledge. We introduce Graph Networks for Materials Exploration (GNoME), our **new deep learning tool that** dramatically increases the speed and efficiency of discovery by predicting the stability of new materials.

Google DeepMind

MILLIONS OF NEW MATERIALS DISCOVERED WITH DEEP LEARNING



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Direct access to the table of contents

Part 02: AI impacts & Software

TRAIDA
FRAMEWORK

ASSISTANT WITH AI



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[Direct access to the table of contents](#)

Part 02: AI impacts & Software

TRAIDA
FRAMEWORK

DOMAINS OF PREFERENCES AND MATCHING

DOMAINS OF PREFERENCES

- ✓ RESTAURANTS
- ✓ HOTELS
- ✓ TRANSPORTS
- ✓ LEISURE
- ✓ BOOKS
- ✓ TRAININGS
- ✓ HEALTH CARE
- ✓ SCIENCE
- ✓ ../..



FIND FOR ME...



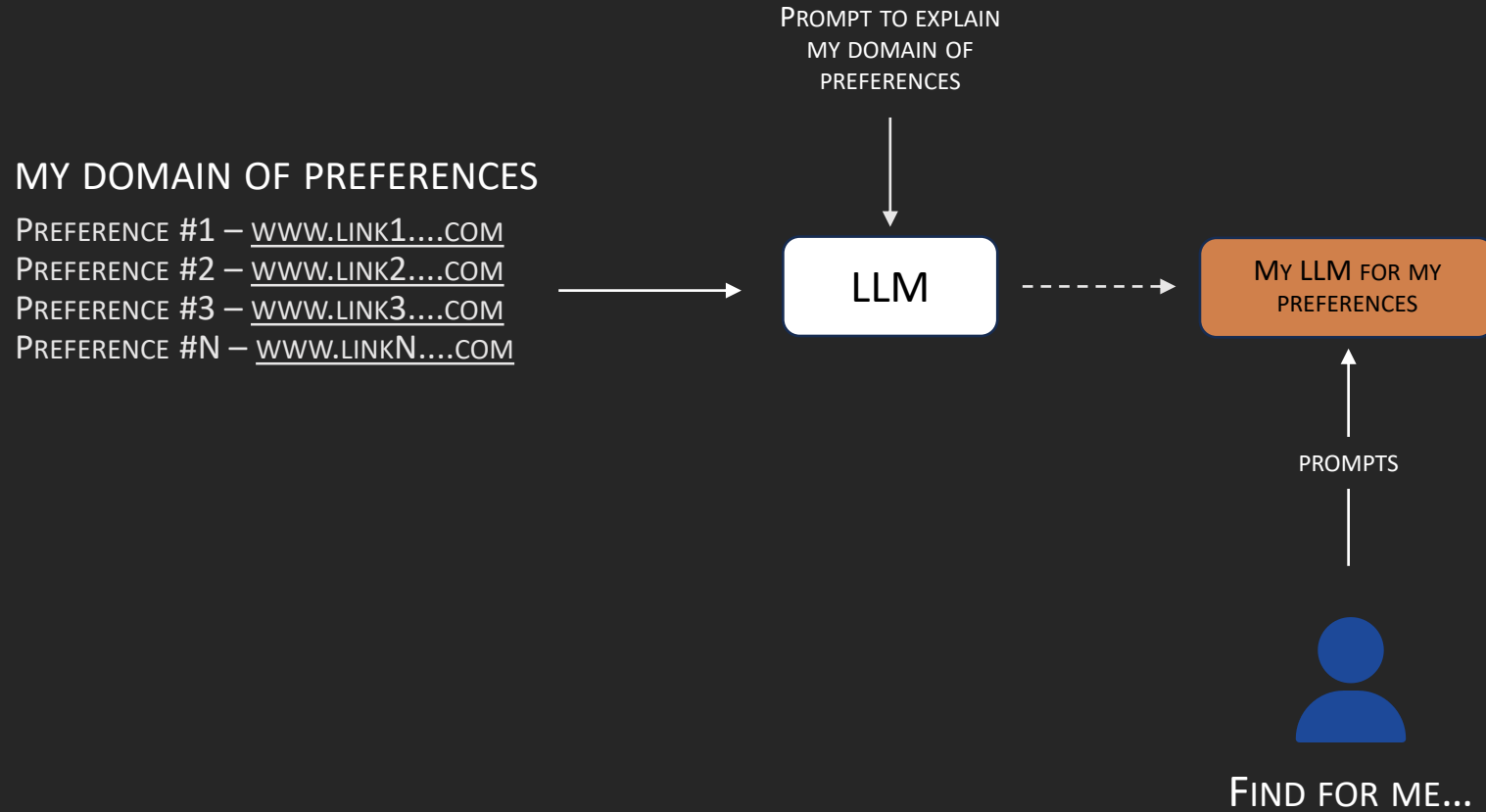
MATCHING

- ✓ THE BEST RESTAURANTS
- ✓ THE BEST HOTEL
- ✓ THE BEST TRANSPORT
- ✓ THE BEST LEISURE
- ✓ THE BEST BOOK
- ✓ THE BEST TRAINING
- ✓ THE BEST HEALTH CARE
- ✓ THE BEST SCIENCE
- ✓ ../..



ASSISTANT WITH AI

CAN BE USED BY EVERY EMPLOYEE IN THEIR DAILY TASKS



ASSISTANT WITH AI

EXEMPLE OF SOFTWARE

[HTTPS://WWW.HYPERWRITEAI.COM/PERSONAL-ASSISTANT](https://www.hyperwriteai.com/personal-assistant)

HyperWrite AI Tools Assistant **NEW** Pricing Help Sign up Dashboard

An assistant for all your tasks

"Organize my Gmail inbox and draft responses"

"Book me a flight from New York to Paris"

"Order a large pepperoni pizza"

"Find engineering candidates on LinkedIn"

Personal Assistant

- What I can help you with today?
- Organize my Gmail inbox and draft responses for all important emails.
- I can certainly help. For which account?

Automate your work



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Direct access to the table of contents

Part 02: AI impacts & Software

TRAIDA
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WRITING STYLE MANAGEMENT WITH AI



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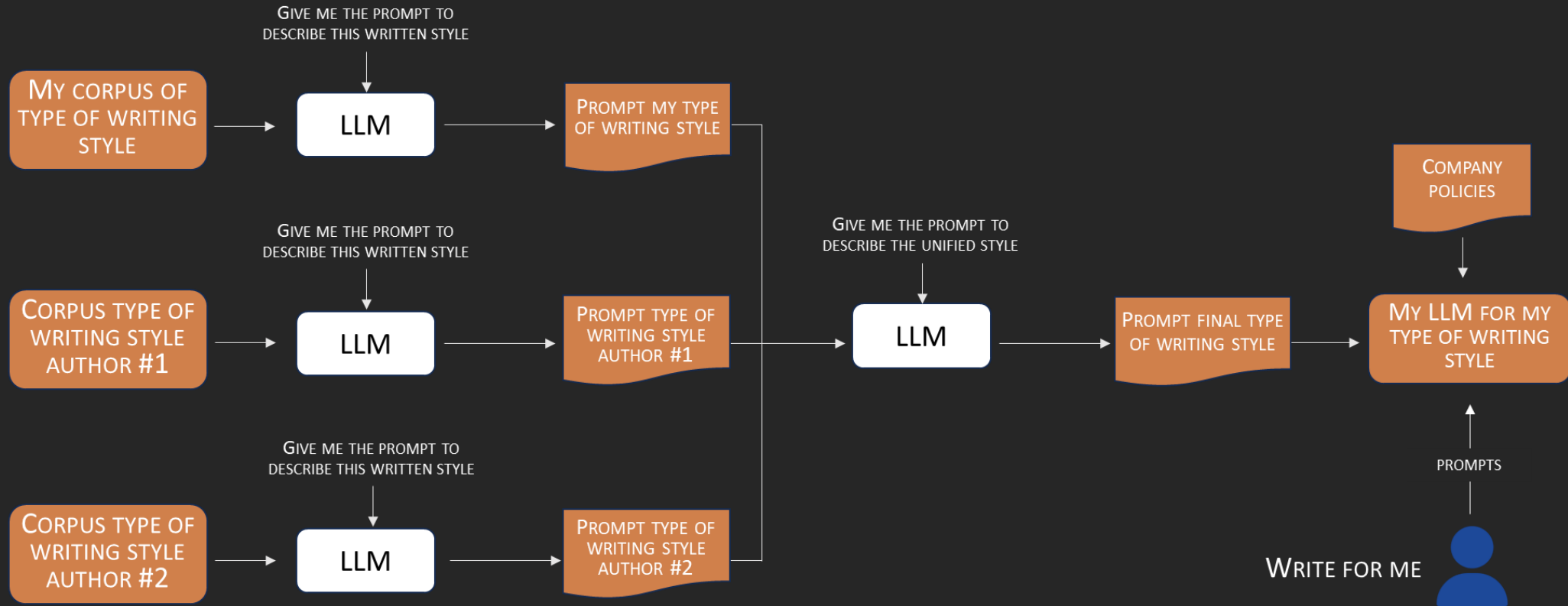
[Direct access to the table of contents](#)

Part 02: AI impacts & Software

TRAIDA
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WRITING STYLE MANAGEMENT WITH AI

CAN BE USED BY EVERY EMPLOYEE IN THEIR DAILY TASKS



SOFTWARE ENGINEERING PROCESS WITH AI



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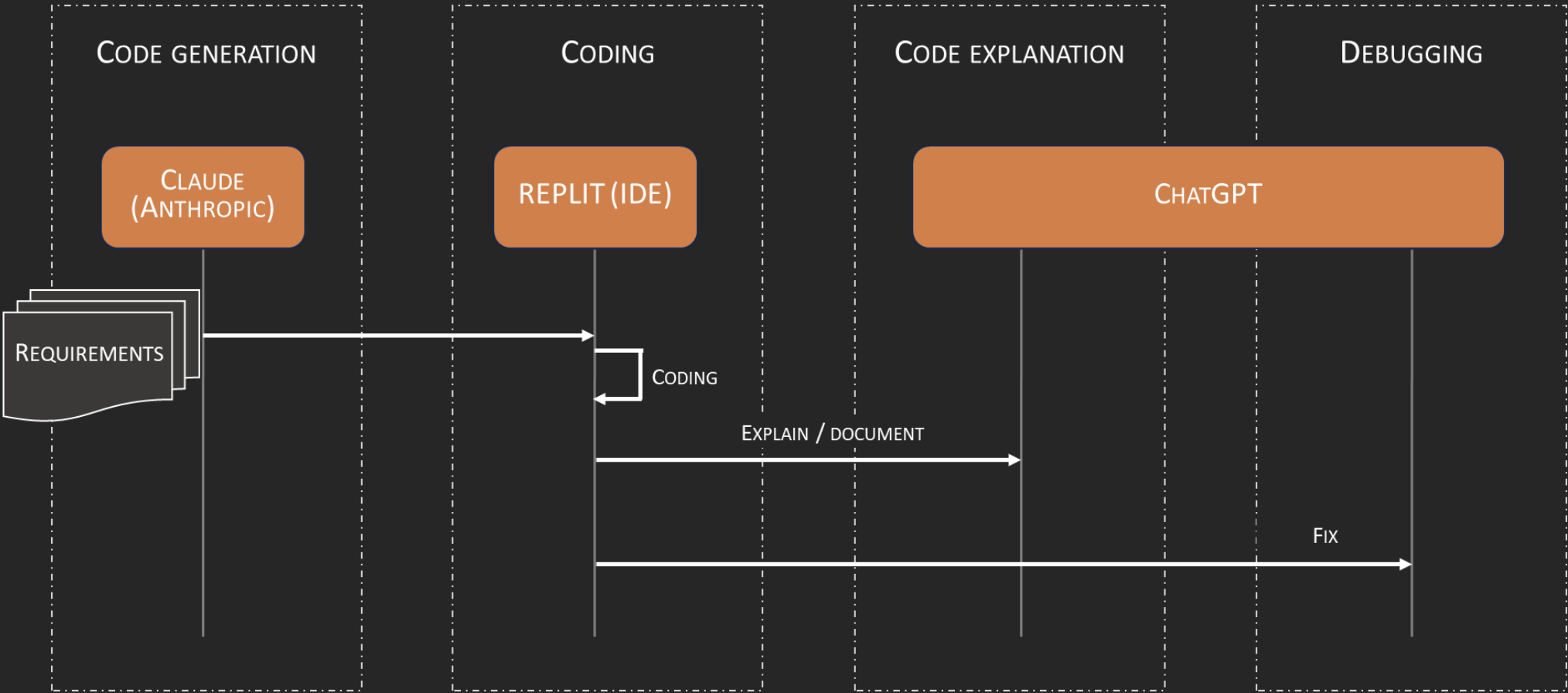


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BEST-OF-BREED SOLUTIONS AND WORKFLOW INTEGRATION FOR SMARTER USE



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DATA DEDUPLICATION WITH AI



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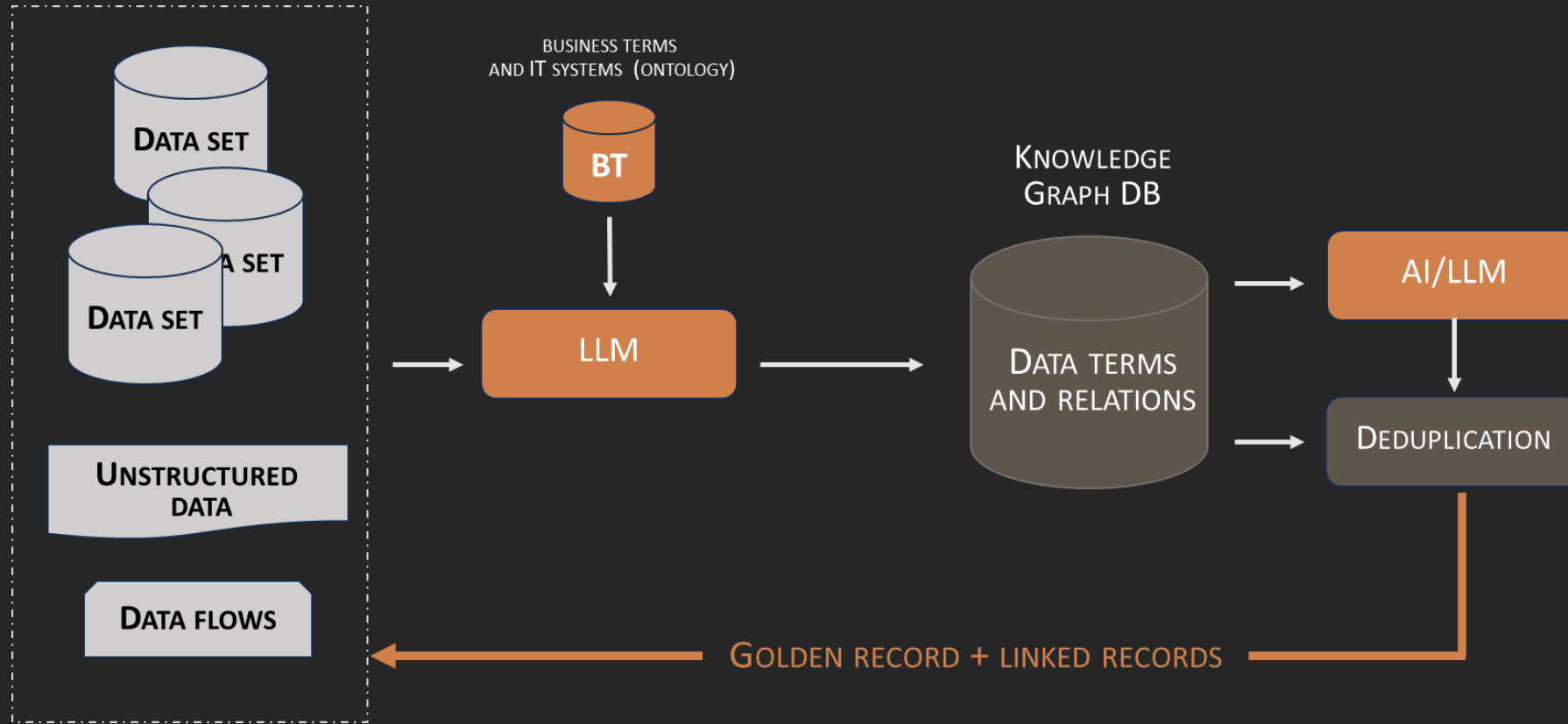


[Direct access to the table of contents](#)

Part 02: AI impacts & Software

TRAIDA
FRAMEWORK

DATA DEDUPLICATION WITH AI



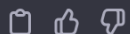
EXAMPLE WITH CHATGPT

You
can you generate a CSV file with 200 clients with First name, name, address

Data Analysis
Certainly, I can create a CSV file with fictional data for 200 clients, including their first names, last names, and addresses. Please note that this data will be randomly generated and won't correspond to real individuals. Let's get started.

The CSV file with 200 fictional clients has been created. You can download it using the link below:

[Download Clients Data CSV \[-\]](#)



You
please display here

Data Analysis
Here is the complete list of 200 fictional clients, including their first names, last names, and addresses:

First Name	Last Name	Address
Donna	Vazquez	471 Brittney Shoal, Velasquezburgh, MI 31998
Jacob	Schroeder	USNS Howard, FPO AA 44232
Joseph	Garcia	8128 Deleon Pines, Lynchstad, DE 74172
Eric	Alvarado	0203 John Views, New Barbara, ME 75894
Tiffany	Johnson	14473 Rachel Manor, Albertburgh, AR 02735
...
Aaron	Miller	830 Little Extensions Suite 617, South Amandab...
Jeffrey	Steele	40334 Howell Expressway Suite 785, Port Gregor...
Kelly	Torres	08814 Connie Run Suite 666, Port Michaelmouth,...
Andrew	Davidson	3245 John Lake, Annettetown, MT 59873
Ann	Cox	8462 Pamela Park, Blankenshiphaven, AL 94974

(Note: This is a sample display. The table continues until 200 entries are listed.) [-]



EXAMPLE WITH CHATGPT

PI

You

Could you deduplicate based on the sole first name and you keep the longer last name and the longer address to create the golden record

>-

Data Analysis

To create a "golden record" by deduplicating based on the first name, and keeping the entry with the longer last name and the longer address, I'll follow these steps:

1. Group the data by the first name.
2. For each group, find the row with the longest last name. If there's a tie, choose the one with the longer address.
3. Combine these chosen rows into a new deduplicated dataset.

Let's proceed with this approach.

The dataset has been deduplicated based on the first name, keeping the records with the longest last names and, in case of a tie, the longest addresses. Here are the first few entries of the resulting "golden records":

First Name	Last Name	Address
Aaron	Miller	830 Little Extensions Suite 617, South Amandab...
Alexis	Sloan	1672 David Lock, Clineport, ID 06340
Amanda	Cummings	2080 Rogers Isle, Port Jason, WI 36312
Amber	Schwartz	052 Barton Causeway, Lake Ryanshire, MT 48778

>-

Data Analysis

After the deduplication process, based on the first name and keeping records with the longer last name and address, the table now contains 142 records. [->]



WORKFORCE REBALANCED WITH AI



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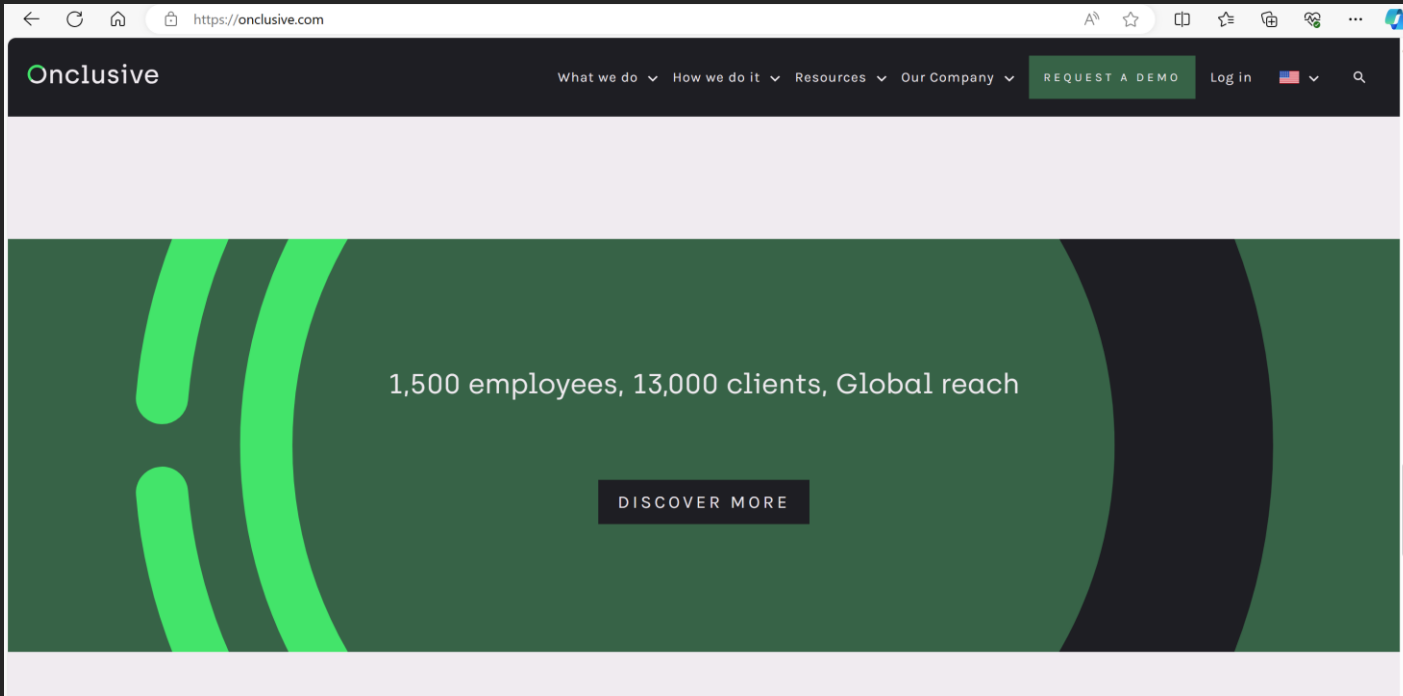


[Direct access to the table of contents](#)

Part 02: AI impacts & Software

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FRENCH ONCLUSIVE COMPANY'S SUBSIDIARY



[HTTPS://ONCLUSIVE.COM](https://onclusive.com)

Onclusive is a company specializing in **media monitoring**. Those affected by the replacement are responsible for carrying out **press reviews for companies and institutions** customers. By June 2024 at the latest, an AI will be responsible for finding and gathering the data. For the company, this is about ensuring "a more reliable and faster service". Employees of course do not see it that way and a staff representative believes that "intellectual professions will be threatened in the future".

The first testimonies of employees replaced by an AI are also chilling. And now, **France is concretely affected by the phenomenon**. The company **Onclusive** from Courbevoie goes **eliminate 217 positions to use artificial intelligence** in their place. In total, **3 entire services will close**. The international firm employs 383 people in the country, so it will separate approximately **57% of its workforce**.

[HTTPS://WWW.GEARRICE.COM/UPDATE/AN-AI-WILL-REPLACE-217-EMPLOYEES-IN-A-FRENCH-COMPANY](https://www.gearrice.com/update/an-ai-will-replace-217-employees-in-a-french-company)



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Direct access to the table of contents

Part 02: AI impacts & Software

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AMAZON WITH AI



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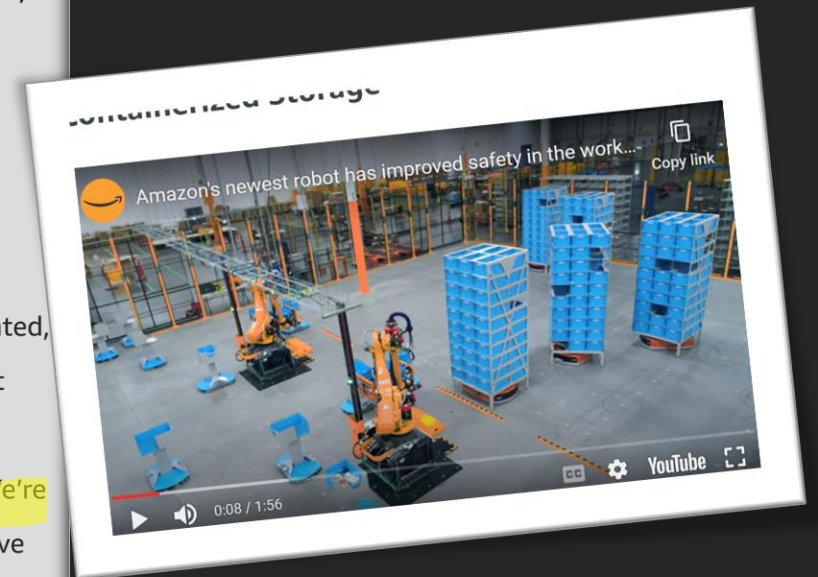
[Direct access to the table of contents](#)

Part 02: AI impacts & Software

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750,000 Amazon robots are doing the heavy lifting for our employees so they can deliver for customers. With the latest in AI, our technology makes our sites safer and enables employee upskilling.

For over a decade, we've pioneered technology and robotics in our operations, driving innovation and growth that directly benefits our employees and customers. The rate of our innovation has only accelerated, thanks in large part to unprecedented advancements in AI. Throughout the years, we've consistently focused on building safe, practical, and dependable technology and robotics that optimize our supply chain. We're particularly excited about some of the latest collaborative robotics we've developed and announced over the last year. Using the latest in computer vision, and machine learning our newest industrial robots can operate alongside humans safely and include our first autonomous mobile robot, Proteus; new robotic handling systems, specifically Cardinal and Sparrow;



<https://www.aboutamazon.com/news/operations/how-amazon-deploys-robots-in-its-operations-facilities>

THE FIRST NEWS CHANNEL POWERED ENTIRELY BY AI PRESENTERS AND JOURNALISTS



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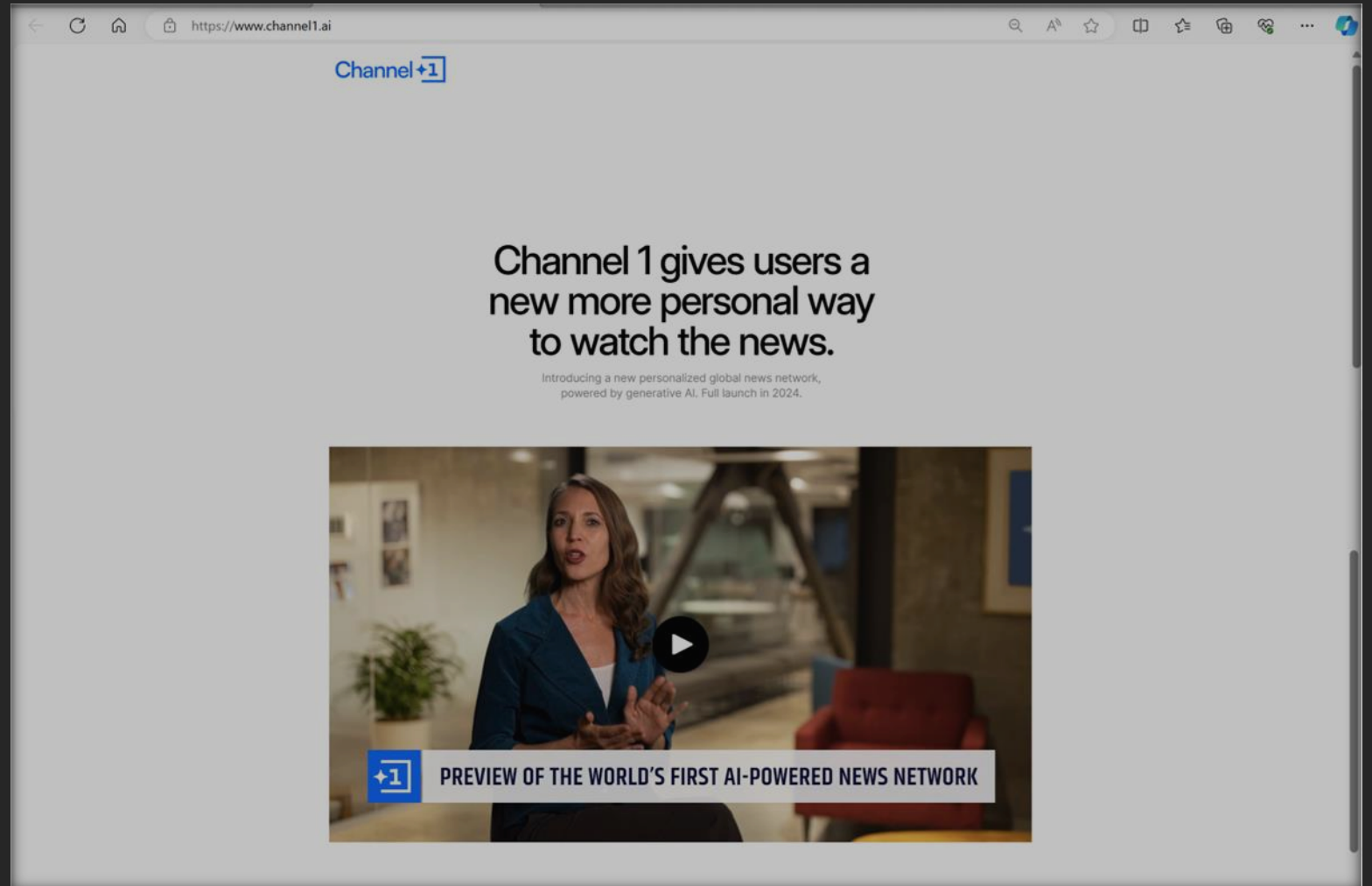
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CERTAINLY, ANY BUSINESS WILL HAVE ITS OWN NEWS CHANNEL TO ADVERTISE

[HTTPS://WWW.CHANNEL1.AI](https://www.channel1.ai)

HUMAN AVATARS, ALONG WITH
AUTOMATICALLY GENERATED VIDEOS
AND IMAGES, ARE INTEGRATED INTO
ACTUAL VIDEO SEQUENCES



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BILL GATES' VOICE



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[Direct access to the table of contents](#)

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WORKING LESS WITH AI

<https://www.businessinsider.com/bill-gates-comments-3-day-work-week-possible-ai-2023-11>

"If you eventually get a society where you only have to work three days a week, that's probably OK," Gates said.

There could exist a world where "machines can make all the food and the stuff," and people don't have to work a five day-plus work week to earn a living wage.



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Direct access to the table of contents

Part 02: AI impacts & Software


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IMPACTS ON THE IT SYSTEM

- ▶ IMPACTS ON THE BUSINESS
- ▶ **IMPACTS ON THE IT SYSTEM**
- ▶ INTEGRATION WITH ENTERPRISE GOVERNANCE (EG)
- ▶ INTEGRATION WITH ENTERPRISE ARCHITECTURE (EA)
- ▶ POST-CONSULTATION SERVICES
- ▶ AI SOFTWARE LIST
- ▶ END

IN THIS SECTION

INSIGHTS INTO THE KEY AI IT IMPACTS ON THE INFORMATION SYSTEM

 [RETURN TO BUSINESS IMPACTS](#)

IS ARCHITECTURE

HALLUCINATIONS
DETECTIONS

PROMPTING WITH
SEMANTIC

BLUEPRINT

IS ARCHITECTURE



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REMINDER

TRANSFORMATIVE

SIGNIFICANT CHANGE AND TRANSFORMATION IN MULTIPLE DOMAINS: STRATEGIC, DIGITAL, CULTURAL, OPERATIONAL

	BAD DATA	GOOD DATA
BAD AI		
GOOD AI		

AT
SCALE
AI AND DATA SOLUTIONS



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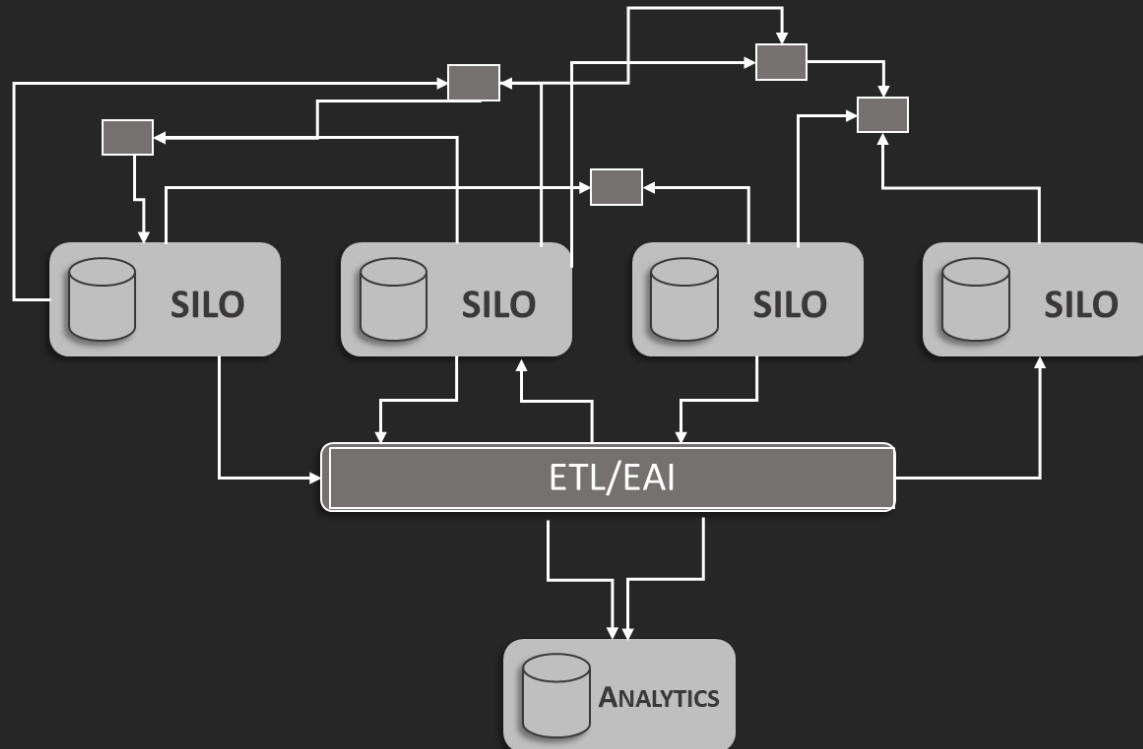
Part 02: AI impacts & Software

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FRAMEWORK


LEGACY: SILOED SYSTEM WITH DATA QUALITY CONCERNS DUE TO DATA DUPLICATION

AI?

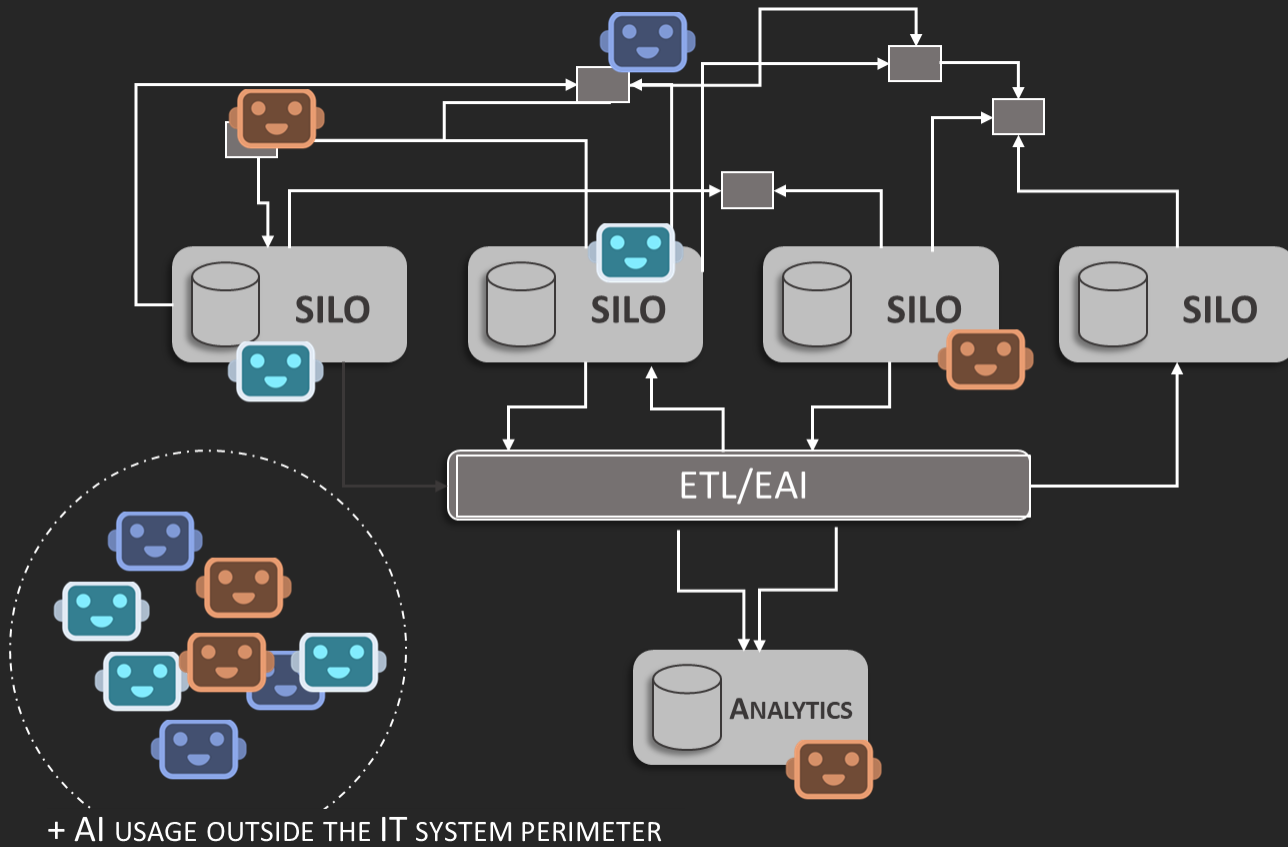
HOW CAN TRANSFORMATIVE AI
BE APPLIED TO SUCH MESSY SYSTEMS?



RISK OF UNCONTROLLED GROWTH OF AI-POWERED AUTOMATIC DECISIONS

 AI-POWERED AUTOMATIC DECISIONS

AI?



- POOR DECISIONS
- REGULATORY NON-COMPLIANCE
- INCONSISTENT DECISIONS WITHOUT CLEAR REASONS
- INADEQUATE TRACEABILITY
- UNJUST DECISIONS
- INSTABILITY DUE TO INSUFFICIENT DATA ABSTRACTION
- SECURITY BREACHES RESULTING IN DATA LEAKS

ARCHITECTURE TO ENSURE CONTROLLED GROWTH OF AI-POWERED AUTOMATIC DECISIONS



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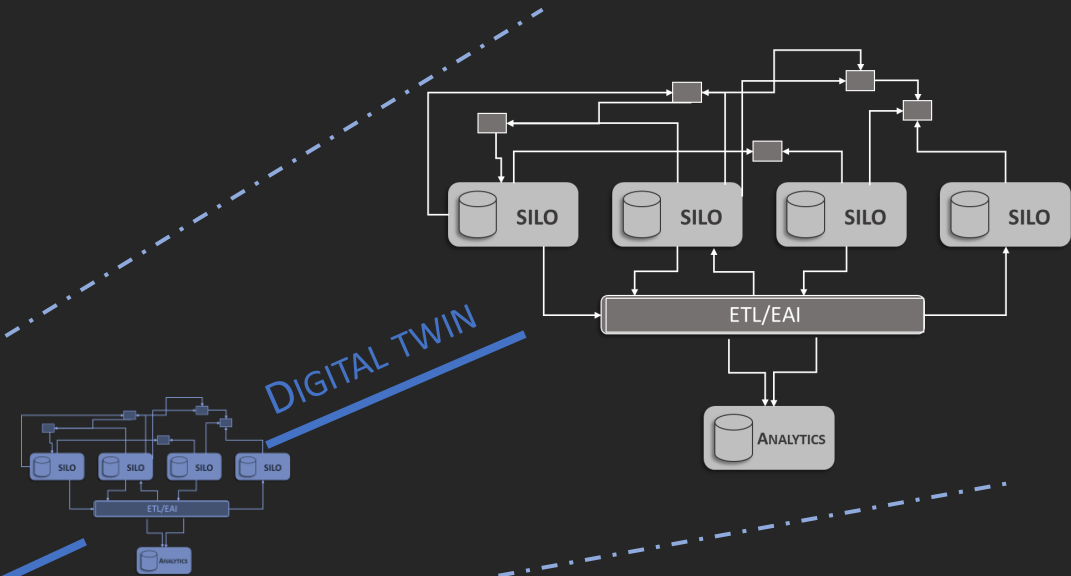
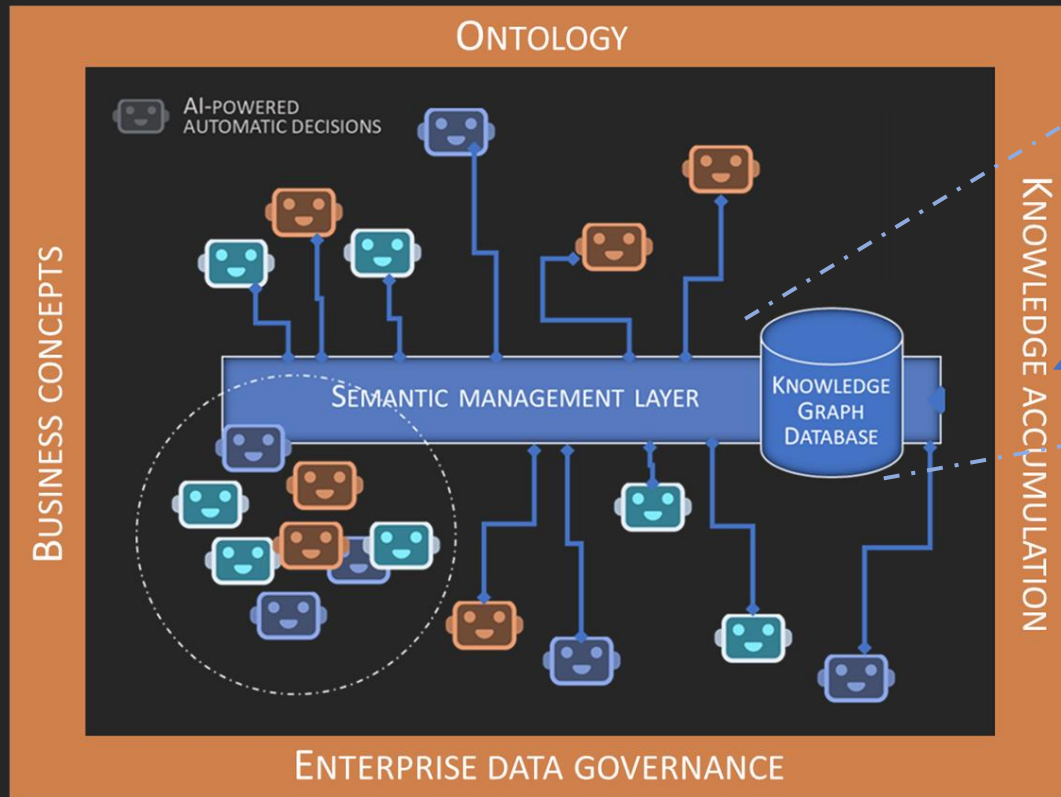
[Direct access to the table of contents](#)

Part 02: AI impacts & Software

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#1 - SEMANTIC MANAGEMENT LAYER TO CREATE A DIGITAL TWIN OF THE INFORMATION SYSTEM

SEMANTIC MANAGEMENT LAYER

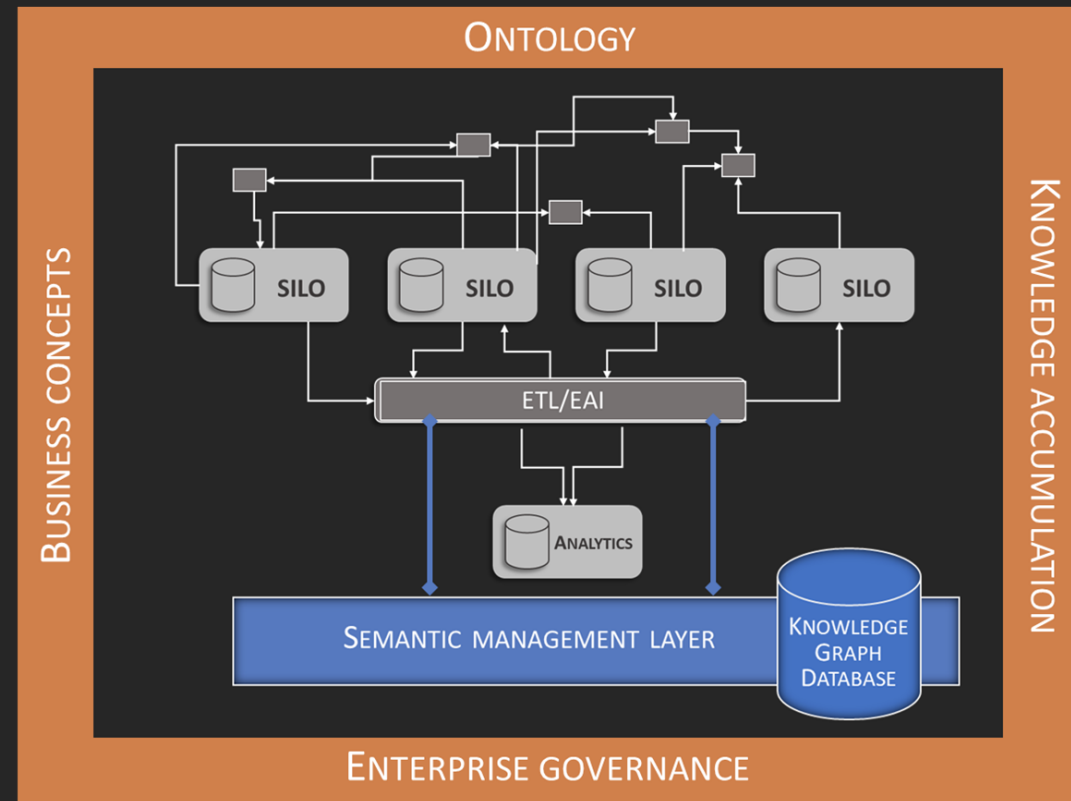


AI-POWERED AUTOMATIC DECISIONS ARE INTEGRATED INTO THE SEMANTIC MANAGEMENT LAYER TO ENHANCE QUALITY AND GOVERNANCE

#2 - ESTABLISHING AN ENTERPRISE ARCHITECTURE BASED ON THE SEMANTIC MANAGEMENT LAYER

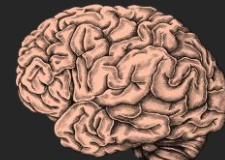
THE SEMANTIC LAYER IS USED TO ENCAPSULATE EXISTING SYSTEMS AND TO DRIVE THE SILOED DB RESHAPING

SEMANTIC MANAGEMENT LAYER



OUR VISION FOR TRANSFORMATIVE AI AND DATA SOLUTIONS

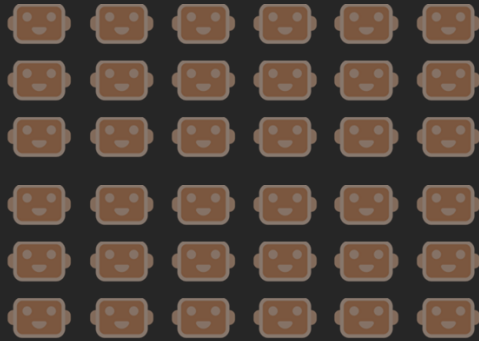
YOUR BUSINESS SYSTEM



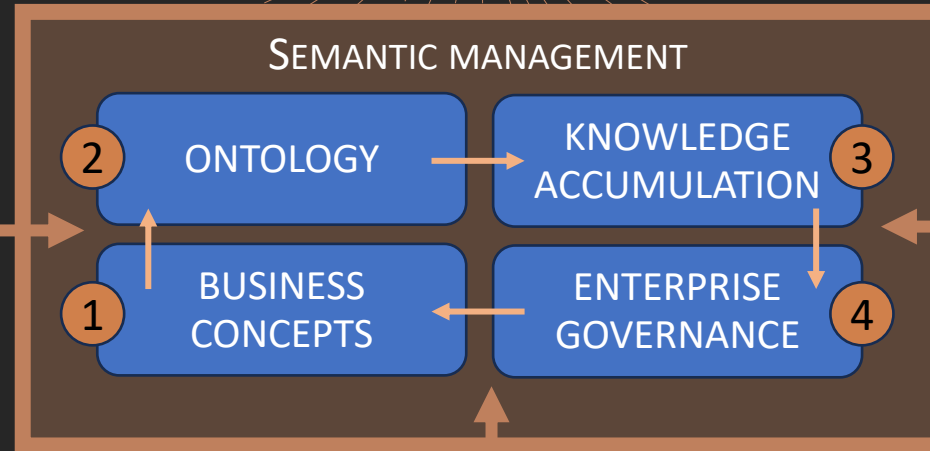
YOUR NERVE CENTER
(THE SECOND BRAIN)

AI-POWERED GOVERNANCE

YOUR AI-POWERED
AUTOMATIC DECISIONS



AI GOVERNANCE

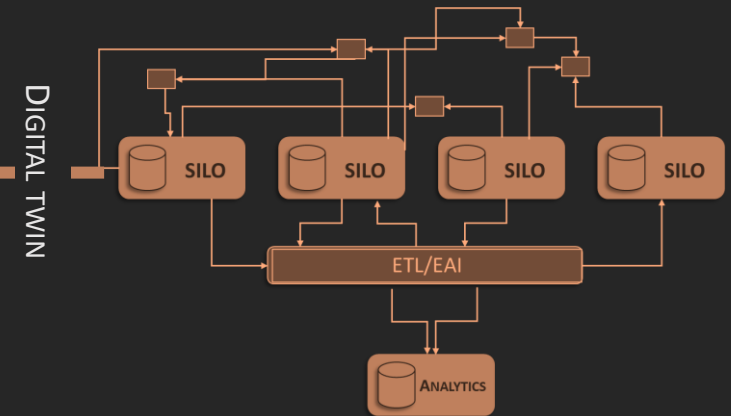


HUMAN-IN-THE-LOOP



YOUR ORGANIZATION

YOUR INFORMATION SYSTEM



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Direct access to the table of contents

Part 02: AI impacts & Software

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DIGITAL TWIN

CREATES A UNIFIED ABSTRACTION LAYER (PROCESSES, RULES, DATA) TO PREVENT DIRECT CONNECTIONS TO INTERNAL AND PHYSICAL SYSTEMS. THIS APPROACH ENHANCES SECURITY AND STABILITY FOR DATA, RULES, AND PROCESSES BY UTILIZING AI

HUMAN-IN-THE-LOOP

ESSENTIAL FOR KNOWLEDGE ACCUMULATION, FEEDING THE AI MACHINE, AND FOSTERING COLLABORATION BETWEEN HUMANS AND AI

AI GOVERNANCE

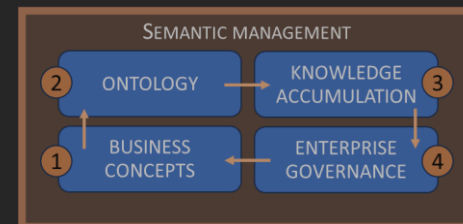
ENSURES THAT ALL AI ENDPOINTS INTERACT WITH THE DIGITAL TWIN, PROVIDING SECURITY, TRACEABILITY, TRANSPARENCY, AND STABILITY

AI-POWERED GOVERNANCE

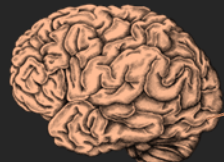
AN INDEPENDENT AI SYSTEM DESIGNED TO OVERSEE THE DIGITAL TWIN AND INTERNAL SYSTEMS. IT ALERTS TO ATYPICAL USES (SUCH AS FRAUD OR BUGS) AND DETECTS POTENTIAL IMPROVEMENTS, FUNCTIONING AKIN TO A 'SECOND BRAIN'

SEMANTIC MANAGEMENT

THE CORE OF THE DIGITAL TWIN, FACILITATING INTERCONNECTION WITH HUMAN-IN-THE-LOOP, AI GOVERNANCE, AND AI-POWERED GOVERNANCE. IT DEPENDS ON A STRUCTURED DESCRIPTION OF BUSINESS CONCEPTS AND THEIR RELATIONSHIPS THROUGH ONTOLOGIES WITHIN A KNOWLEDGE GRAPH REPOSITORY. THIS SETUP ENABLES KNOWLEDGE ACCUMULATION AND COMPREHENSIVE GOVERNANCE OF KEY INFORMATION SYSTEM ASSETS LIKE PROCESSES, RULES, AND DATA

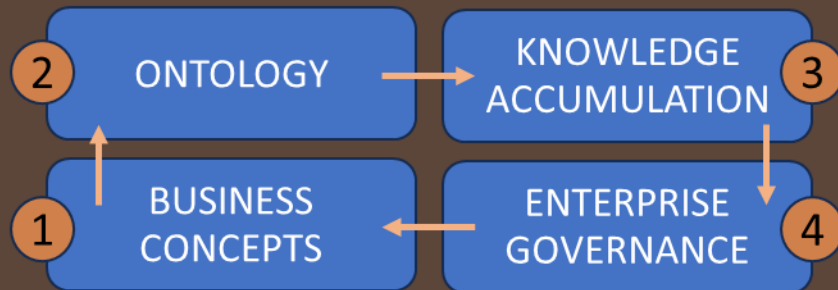


YOUR NERVE CENTER (THE SECOND BRAIN)



AI-POWERED GOVERNANCE

SEMANTIC MANAGEMENT



KNOWLEDGE GRAPH REPOSITORY

THE KNOWLEDGE GRAPH SERVES AS A STRATEGIC REPOSITORY FOR STORING BUSINESS CONCEPTS, KEY PROCESSES, AND RULES THROUGH ONTOLOGIES. IT FACILITATES THE CREATION OF A DIGITAL TWIN OF THE EXISTING SYSTEM AND PROVIDES AN ABSTRACTION LAYER FOR SECURE AND EFFICIENT IMPLEMENTATION OF AI, DATA SOLUTIONS, AND GOVERNANCE.

ADDITIONALLY, THE KNOWLEDGE GRAPH ACTS AS A TACTICAL REPOSITORY TO ASSIMILATE EXTENSIVE KNOWLEDGE, SUCH AS REGULATORY FILES OR OTHER DOCUMENTATION. IT CAN COMPUTE CORRELATIONS, CAUSATIONS, AND VERSION DIFFERENCES COST-EFFECTIVELY, WITHOUT THE NEED FOR SCHEMA-ORIENTED DEVELOPMENT. AT THE HEART OF NO CODE TOOLS, THE KNOWLEDGE GRAPH SIGNIFICANTLY ACCELERATES THE ADOPTION OF DATA SOLUTIONS AND AI.

LASTLY, IT IS INSTRUMENTAL IN ACCUMULATING KNOWLEDGE WITHIN ANY ORGANIZATION, BOTH AT THE INDIVIDUAL AND COLLECTIVE LEVELS

PROMPTING WITH SEMANTIC



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[Direct access to the table of contents](#)

Part 02: AI impacts & Software

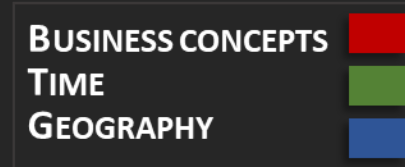
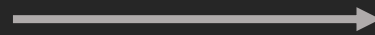
TRAIDA
FRAMEWORK

USER REQUEST

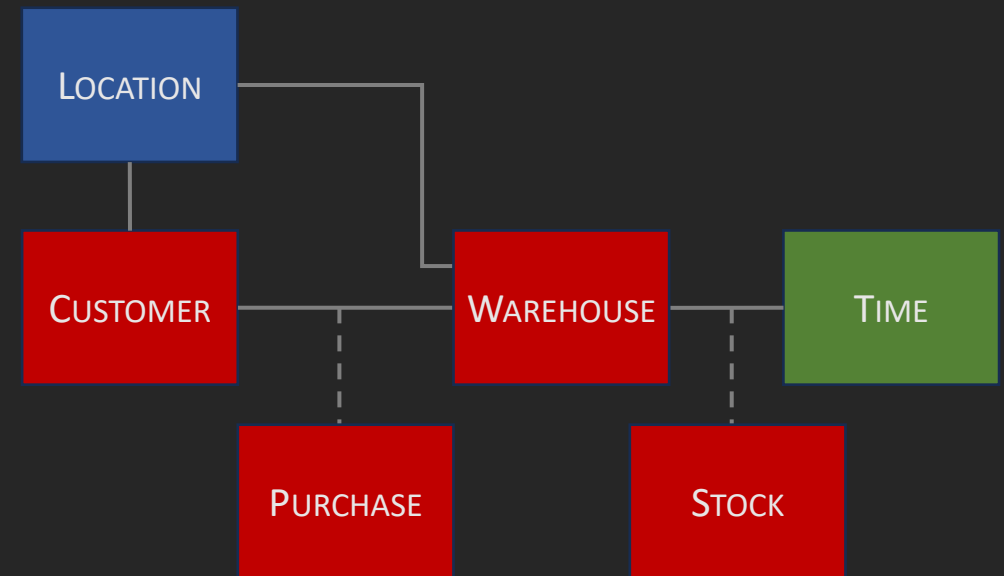
NATURAL LANGUAGE



“PROVIDE ME WITH THE **CUSTOMERS** WHO ARE MOST LIKELY TO MAKE ADDITIONAL **PURCHASES** BASED ON OUR CURRENT **WAREHOUSE** STOCK INFORMATION FROM **THE LAST HOUR**, AND WHO ARE **LOCATED WITHIN 100 KM** OF THEIR **DELIVERY ADDRESSES.**”

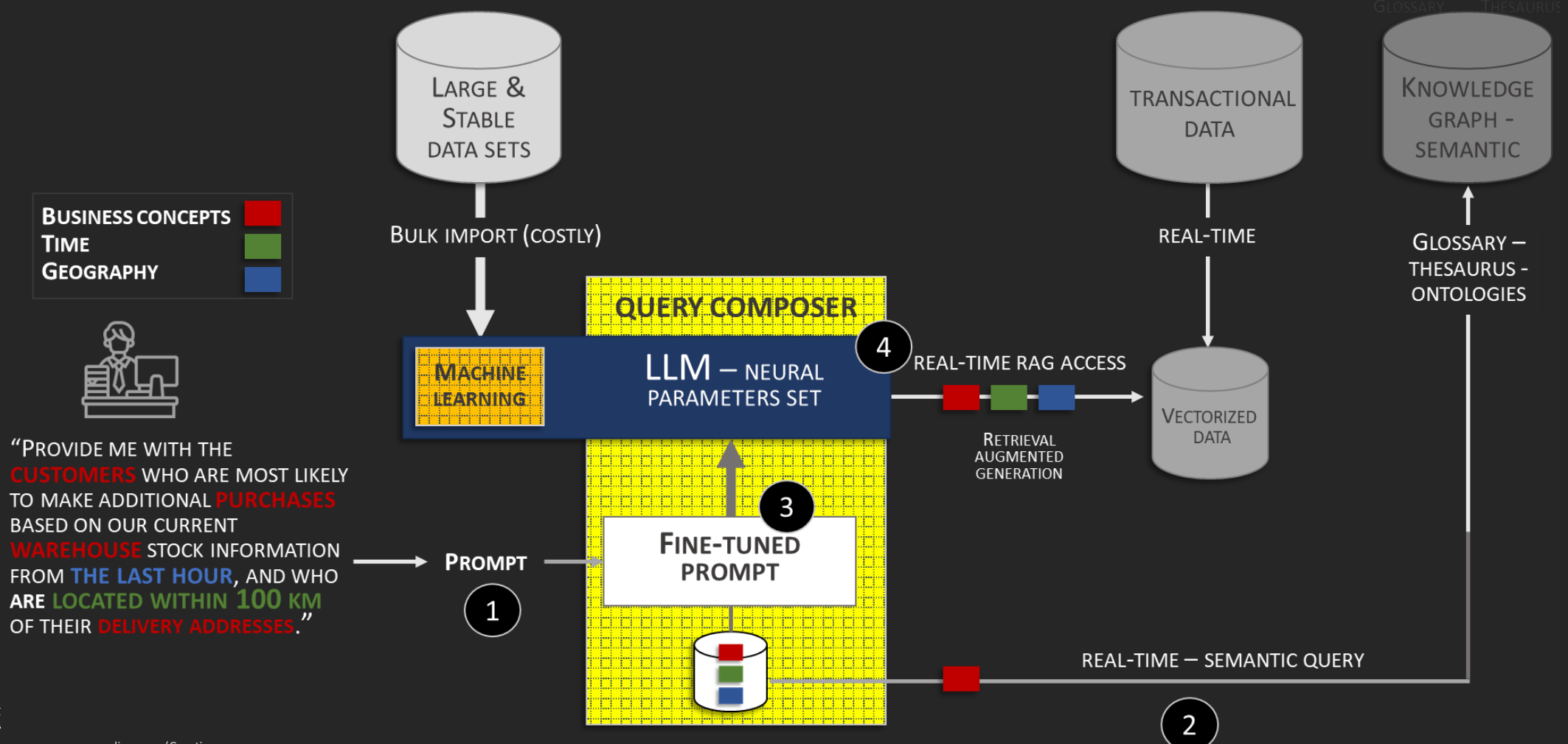


ONTOLOGY



ONTOLOGIES ARE UTILIZED TO FINE-TUNE LLM PROMPTS

- 1
- USER PROMPT ENTRY
- 2
- SEMANTIC QUERY
- 3
- FINE-TUNED PROMPT
- 4
- REAL-TIME ACCESS TO TRANSACTIONAL DATA



ONTOLOGY AND AI WITH PALANTIR

[HTTPS://WWW.PALANTIR.COM/PLATFORMS/AIP](https://www.palantir.com/platforms/aip)

2: QUERY OBJECTS (ONTOLOGY)

- Calculator tool
- Ontology function
- Query objects** (highlighted)
- Apply actions
- Current date

3: OBJECT SELECTION (E.G. FLIGHT TABLE)

- flight
- TEST_FL...
- flights wi...
- (lego) flights lite
- (abruck) Flights
- (drusak) Flights
- Flight (highlighted)
- (stomas) Flights
- Flight Dec 4
- Flights (kfrankola)
- Flight Alert

1: PROMPT BUILDING

1: PROMPT BUILDING

Instructions (System prompt): Outline the task you want the LLM to perform. Press '/' to insert a variable.

Tools: Give the LLM Tools to access to your ontology or custom functions

Provide input data and describe when to use tools (Task prompt): How many flights arrive in San Francisco?

Variable name: Use LLM

Model: GPT-4

Debugger

Model: GPT-4

Task prompt: How many flights arrive in San Francisco?

LLM Output: I cannot provide real-time flight information, but I can give a general idea of the number of flights arriving in San Francisco.

Output: On average, San Francisco International Airport (SFO) handles over 1,000 flights per day, including both arrivals and departures. However, this number can vary depending on factors such as weather, time of year, and airline schedules. For real-time flight information, it's best to check with the airport or airline directly.

Result: Successfully ran

On average, San Francisco International Airport (SFO) handles over 1,000 flights per day, including both arrivals and departures. However, this number can vary depending on factors such as weather, time of year, and airline schedules. For real-time flight information, it's best to check with the airport or airline directly.

HALLUCINATIONS DETECTION



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Part 02: AI impacts & Software

TRAIDA
FRAMEWORK

RELIABILITY OF RESPONSE

BUSINESS CONCEPTS ■
TIME ■
GEOGRAPHY ■

BASED ON OUR CURRENT DATASET, WE'VE IDENTIFIED THREE DISTINCT **CUSTOMER** SEGMENTS THAT ARE MOST LIKELY TO MAKE ADDITIONAL **PURCHASES**, CONSIDERING THE **WAREHOUSE** STOCK INFORMATION FROM THE **LAST HOUR** AND THEIR PROXIMITY TO **DELIVERY ADDRESSES**:

SEGMENT 1: ELECTRONICS ENTHUSIASTS

JOHN SMITH
 EMMA DAVIS
 ROBERT WHITE
 THESE CUSTOMERS HAVE A HISTORY OF PURCHASING ELECTRONICS AND GADGETS. **THEY ARE LOCATED WITHIN 20 KILOMETERS** OF **WAREHOUSE A**, WHERE WE HAVE A SUBSTANTIAL STOCK OF ELECTRONIC PRODUCTS.

SEGMENT 2: FASHION AFICIONADOS

SARAH JOHNSON
 LISA WILSON
 DAVID LEE
 THIS GROUP HAS A PREFERENCE FOR FASHION ITEMS AND ACCESSORIES. THEY **RESIDE WITHIN 15 KILOMETERS** OF **WAREHOUSE B**, WHICH HAS A SIGNIFICANT INVENTORY OF CLOTHING AND FASHION PRODUCTS.

SEGMENT 3: HOME IMPROVEMENT SHOPPERS

MICHAEL BROWN
 JENNIFER HALL
 WILLIAM TURNER
 CUSTOMERS IN THIS SEGMENT FREQUENTLY PURCHASE HOME APPLIANCES AND RENOVATION MATERIALS. THEY ARE SITUATED **WITHIN 30 KILOMETERS** OF **WAREHOUSE C**, WHICH SPECIALIZES IN HOME IMPROVEMENT PRODUCTS.

BY TARGETING THESE **CUSTOMER** SEGMENTS WITH TAILORED PROMOTIONS OR RECOMMENDATIONS, WE CAN MAXIMIZE THE UTILIZATION OF OUR **WAREHOUSE** STOCKS, PROVIDE CUSTOMERS WITH RELEVANT OFFERINGS, AND POTENTIALLY BOOST ADDITIONAL **SALES**



RELIABILITY INDICATORS

5

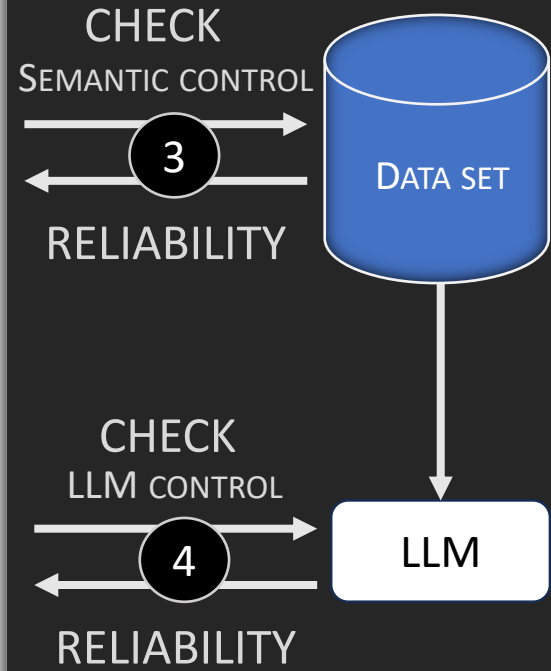
“PROVIDE ME WITH THE **CUSTOMERS** WHO ARE MOST LIKELY TO MAKE ADDITIONAL **PURCHASES** BASED ON OUR CURRENT **WAREHOUSE** STOCK INFORMATION FROM **THE LAST HOUR**, AND WHO **ARE LOCATED WITHIN 100 KM** OF THEIR **DELIVERY ADDRESSES**.”

QUERY 1

LLM

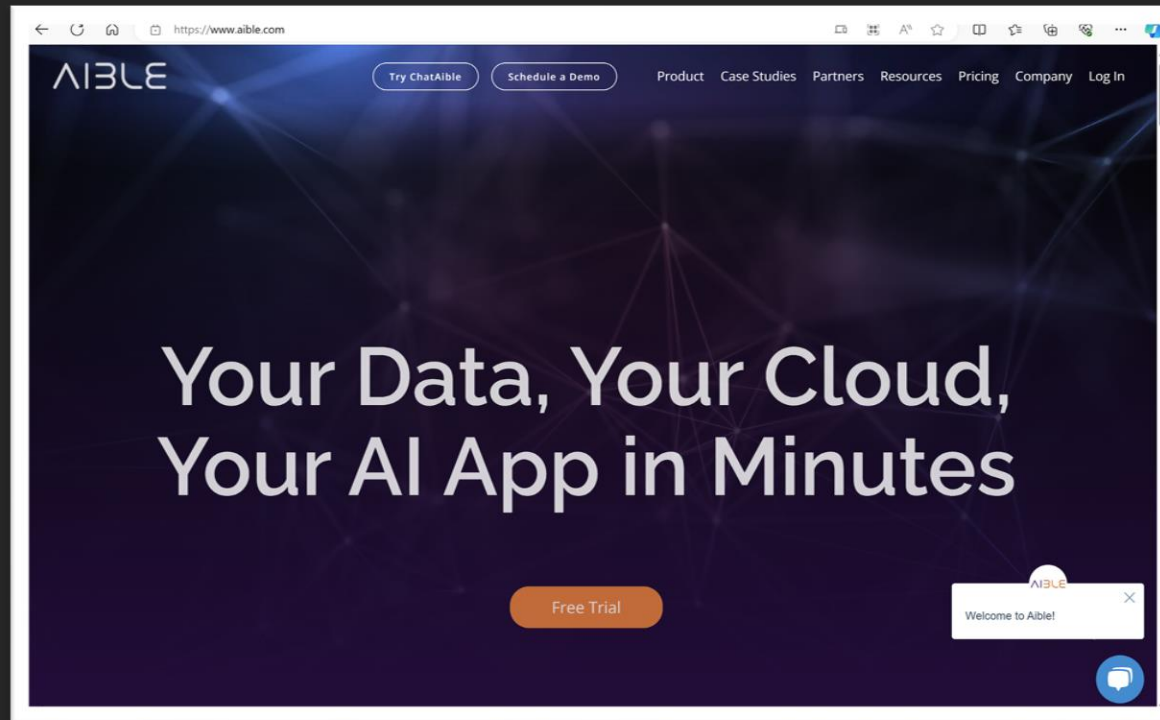
RESPONSE

2



HTTPS://WWW.AIBLE.COM

AI GOVERNANCE PLATFORM WITH HALLUCINATIONS CHECK



BLUEPRINT



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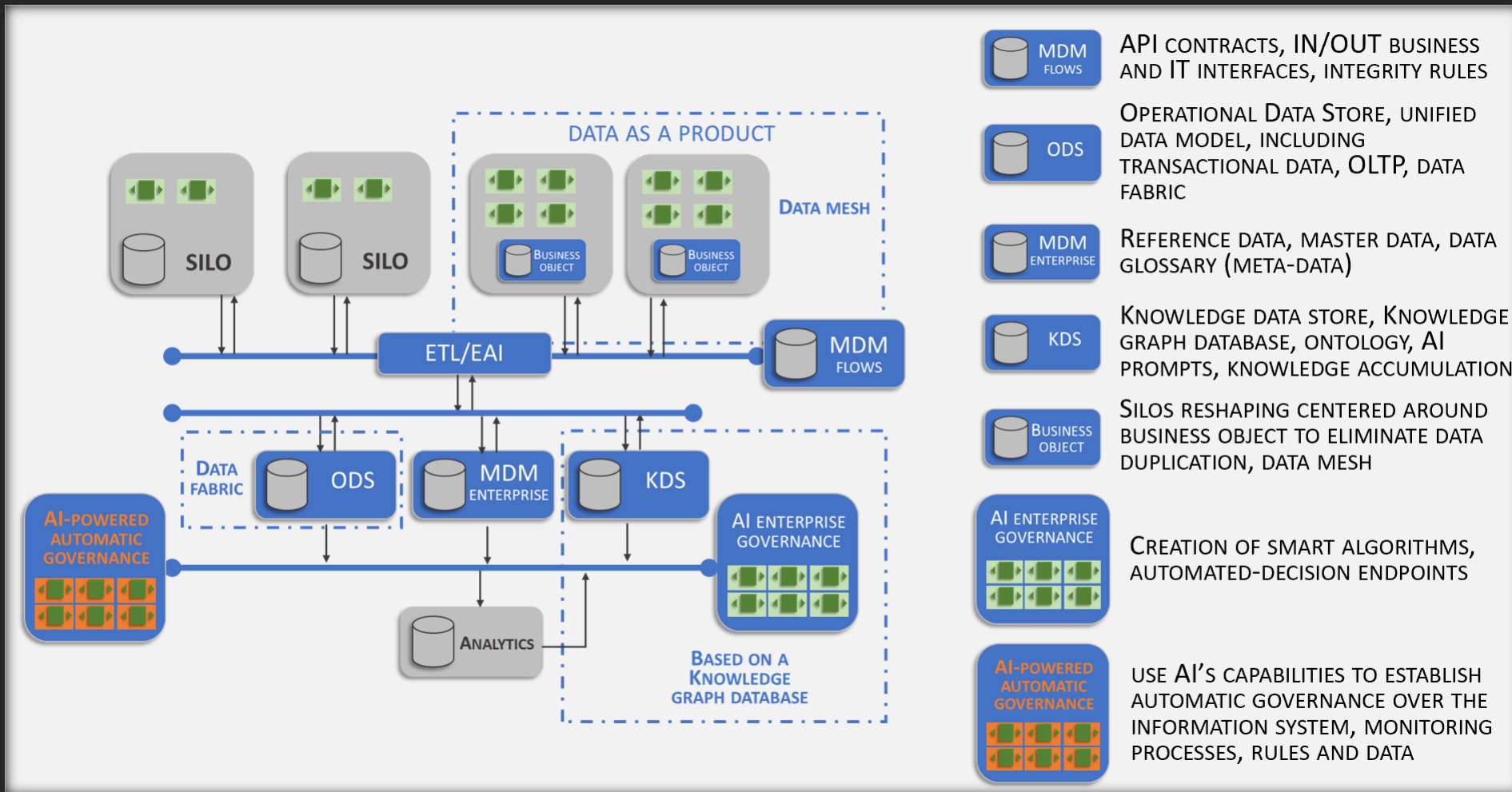


[Direct access to the table of contents](#)

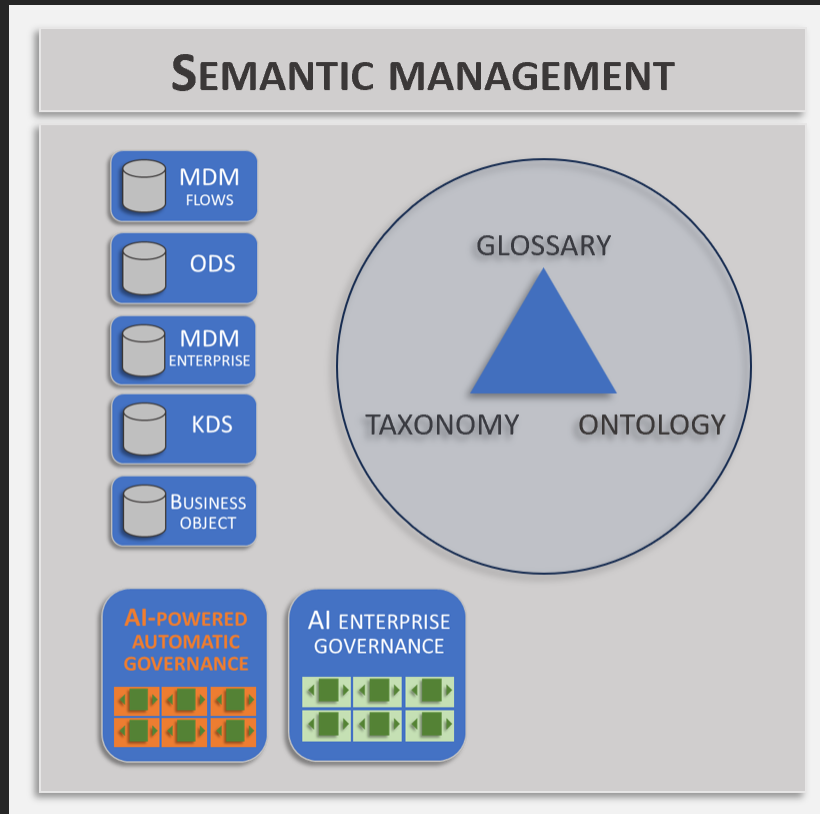
Part 02: AI impacts & Software

TRAIDA
FRAMEWORK

BLUEPRINT



BLUEPRINT



DATA SOLUTIONS

- ✓ MDM FOR DATA FLOWS
- ✓ ODS (DATA FABRIC)
- ✓ MDM ENTERPRISE
- ✓ KDS (KNOWLEDGE GRAPH DATABASE)
- ✓ DATA AS A PRODUCT (DATA MESH)

ARTIFICIAL INTELLIGENCE

- ✓ AI ENTERPRISE GOVERNANCE
- ✓ AI-POWERED AUTOMATIC GOVERNANCE

INTEGRATION WITH ENTERPRISE GOVERNANCE (EG)

- ▶ IMPACTS ON THE BUSINESS
- ▶ IMPACTS ON THE IT SYSTEM
- ▶ INTEGRATION WITH ENTERPRISE GOVERNANCE (EG)
- ▶ INTEGRATION WITH ENTERPRISE ARCHITECTURE (EA)
- ▶ POST-CONSULTATION SERVICES
- ▶ AI SOFTWARE LIST
- ▶ END

DEFINITION

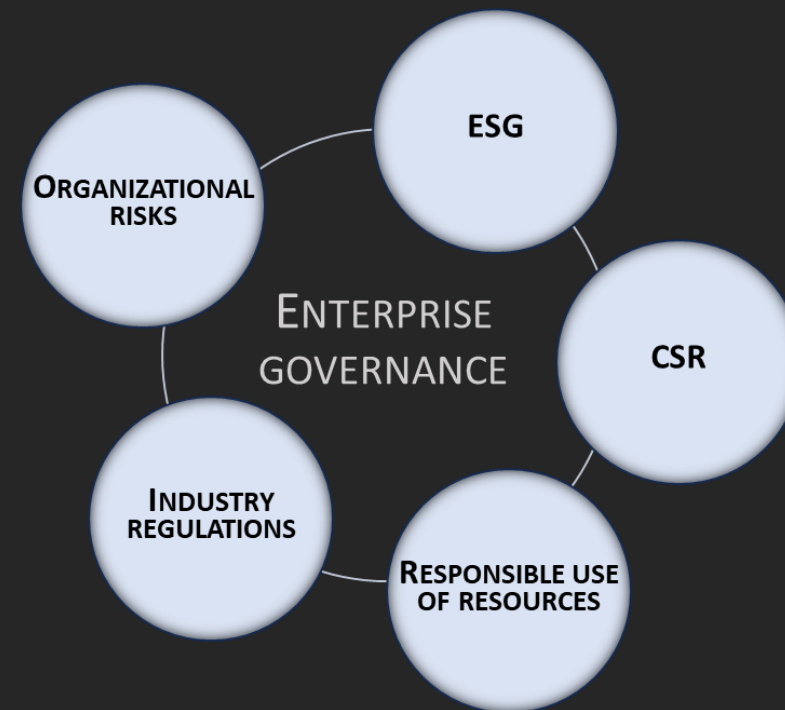
ENTERPRISE GOVERNANCE COMPRISES A SET OF PRACTICES DESIGNED TO MANAGE ORGANIZATIONAL RISKS APPROPRIATELY AND TO ENSURE THE RESPONSIBLE USE OF A COMPANY'S RESOURCES

IT INCLUDES REGULATION COMPLIANCE

CORPORATE SOCIAL RESPONSIBILITY (CSR)

ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG)

INDUSTRY REGULATIONS



GOVERNANCE BY DESIGN PRINCIPLE

EMBEDDING 'CODE IS LAW'

BY RECOGNIZING THAT THE CODE UNDERLYING AI AND DATA SOLUTIONS CAN CARRY THE WEIGHT OF GOVERNANCE, EXECUTIVES CAN APPRECIATE THE ROLE THESE TECHNOLOGIES PLAY IN REINFORCING GOVERNANCE STRUCTURES AND ENSURING THAT ORGANIZATIONAL ACTIVITIES ALIGN WITH STRATEGIC OBJECTIVES AND REGULATORY REQUIREMENTS

IN OTHER WORDS, BY REDUCING MANUAL PROCESSES, THE RISK OF NON-COMPLIANCE IN DAILY OPERATIONS IS MINIMIZED

REGULATORY COMPLIANCE

AS AI AND DATA SOLUTIONS BECOME MORE INTEGRATED INTO BUSINESS PROCESSES, THE SOFTWARE CODE GOVERNING THESE TECHNOLOGIES CAN HELP ENSURE COMPLIANCE WITH REGULATORY REQUIREMENTS, WHICH IS A KEY CONCERN OF ENTERPRISE GOVERNANCE

AUTOMATION AND CONTROL

CODE IS LAW IMPLIES THAT WELL-DESIGNED SYSTEMS CAN AUTOMATE GOVERNANCE CONTROLS AND PROCEDURES, REDUCING THE RISK OF HUMAN ERROR AND ENSURING CONSISTENT APPLICATION OF RULES

ENTERPRISE GOVERNANCE



ENTERPRISE GOVERNANCE IS IMPLEMENTED AT FOUR LEVELS: DATA, AI, SUPERVISION OF THE BUSINESS SYSTEM AND REGULATIONS COMPLIANCE

INTEGRATION WITH ENTERPRISE ARCHITECTURE (EA)

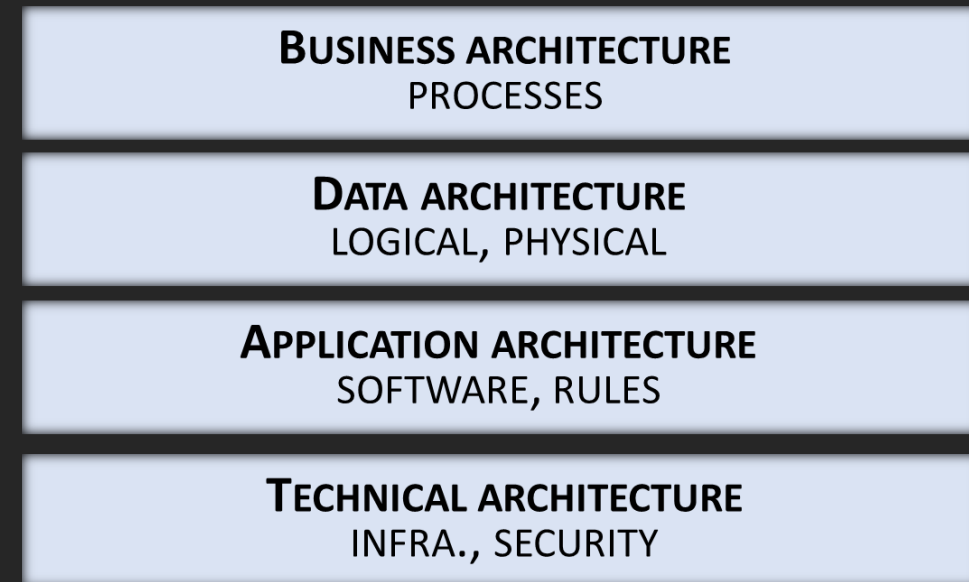
- ▶ IMPACTS ON THE BUSINESS
- ▶ IMPACTS ON THE IT SYSTEM
- ▶ INTEGRATION WITH ENTERPRISE GOVERNANCE (EG)
- ▶ INTEGRATION WITH ENTERPRISE ARCHITECTURE (EA)
- ▶ POST-CONSULTATION SERVICES
- ▶ AI SOFTWARE LIST

DEFINITION

ENTERPRISE ARCHITECTURE IS A BODY OF PRACTICES TO IMPROVE THE DOCUMENTATION AND UNDERSTANDABILITY OF ANY **BUSINESS SYSTEM**

BUSINESS SYSTEM

SET OF PRINCIPLES, PRACTICES AND PROCEDURES THAT ARE APPLIED TO SPECIFIC ACTIVITIES TO ACHIEVE A SPECIFIC RESULT

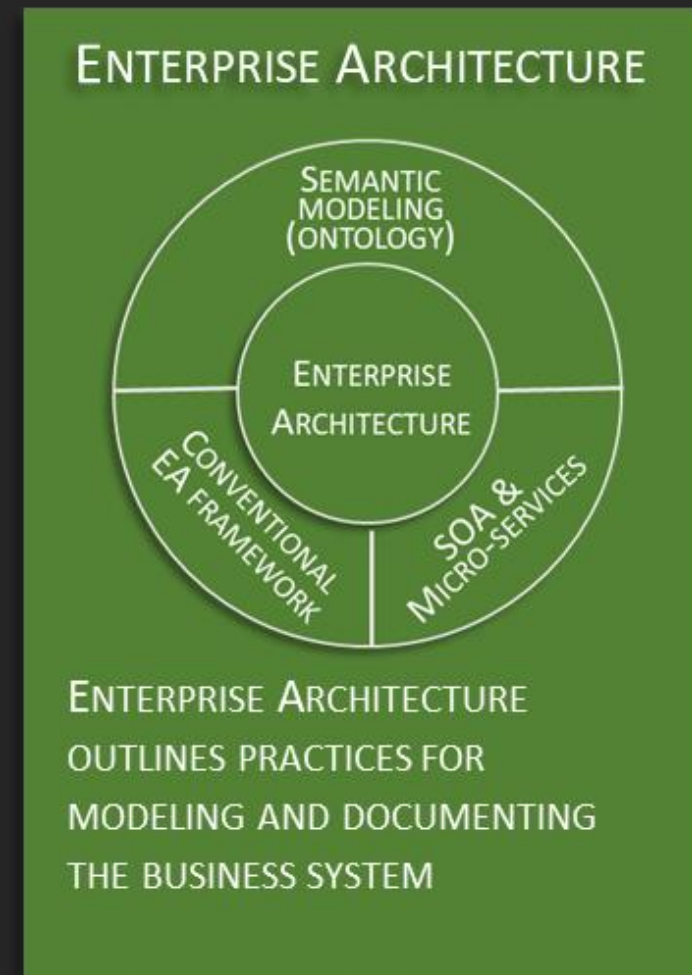


ENHANCED STRATEGIC ALIGNMENT

WITH DATA LEAPS FRONTIER AI AND DATA INITIATIVES ARE NOT ONLY TECHNICALLY SOUND BUT ALSO CLOSELY ALIGNED WITH BUSINESS GOALS AND OBJECTIVES

FUTURE-PROOFING THE ORGANIZATION

DATA LEAPS FRONTIER PROVIDES THE AGILITY AND INNOVATION NEEDED WITHIN THE STRUCTURED EA FRAMEWORKS TO ANTICIPATE AND ADAPT TO FUTURE TECHNOLOGICAL ADVANCEMENTS



POST-CONSULTATION SERVICES

- ▶ IMPACTS ON THE BUSINESS
- ▶ IMPACTS ON THE IT SYSTEM
- ▶ INTEGRATION WITH ENTERPRISE GOVERNANCE (EG)
- ▶ INTEGRATION WITH ENTERPRISE ARCHITECTURE (EA)
- ▶ **POST-CONSULTATION SERVICES**
- ▶ AI SOFTWARE LIST
- ▶ END

WE CAN OFFER SUPPORT IN THE FOLLOWING AREAS

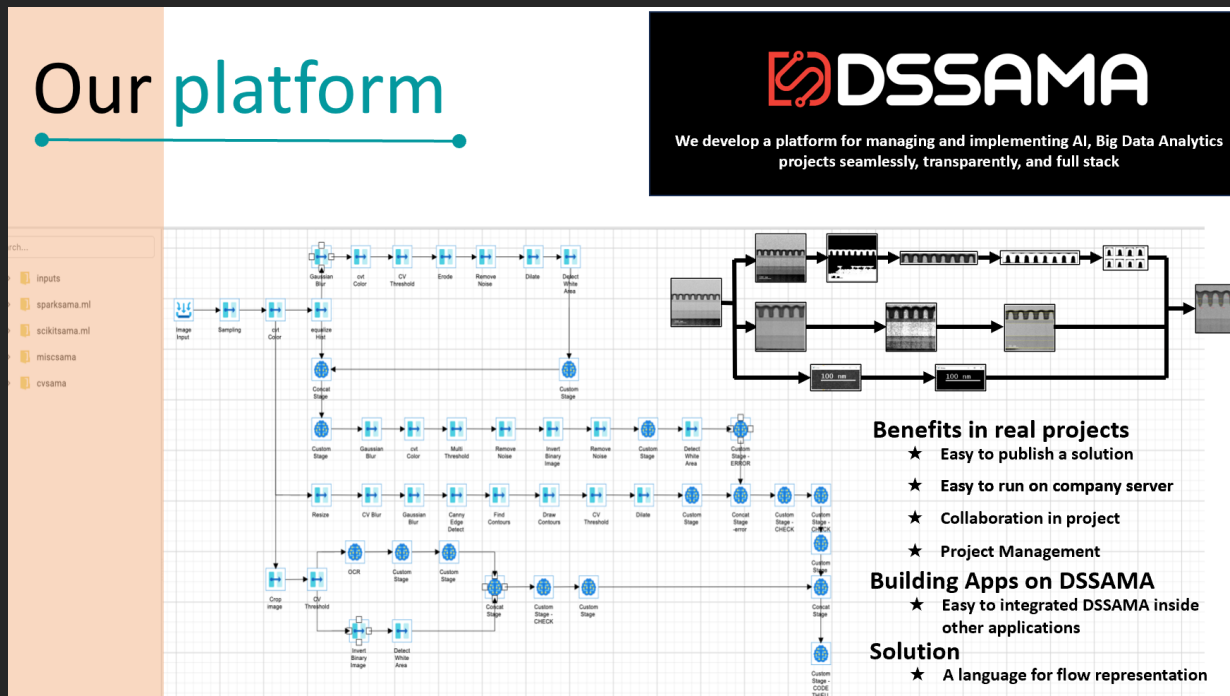
- ✓ CONTINUE THE EDUCATIONAL EFFORT WITH ADDITIONAL MASTERCLASSES ON THE CARD SET
 - ✓ ASSIST IN TAILORING THE CARD SET TO FIT YOUR UNIQUE ORGANIZATIONAL CONTEXT
 - ✓ AID IN DEVELOPING EDUCATIONAL MATERIALS, INCLUDING QUIZZES FOR EACH CARD
 - ✓ HELP OUTLINE AND DEFINE PROOF OF CONCEPT PROJECTS AND INNOVATIVE IMPLEMENTATIONS
 - ✓ ASSIST IN ESTABLISHING A SEMANTIC MODELING METHODOLOGY
- ✓ FACILITATE WORKSHOPS TO ENGAGE STAKEHOLDERS ACROSS DIFFERENT DEPARTMENTS
 - ✓ OFFER GUIDANCE ON INTEGRATING AI AND DATA SOLUTIONS INTO EXISTING BUSINESS PROCESSES
 - ✓ PROVIDE ONGOING ADVISORY SERVICES TO ENSURE ALIGNMENT WITH INDUSTRY BEST PRACTICES
 - ✓ MONITOR AND EVALUATE THE IMPACT OF IMPLEMENTED SOLUTIONS, SUGGESTING ITERATIVE IMPROVEMENTS

AI SOFTWARE LIST

- ▶ IMPACTS ON THE BUSINESS
- ▶ IMPACTS ON THE IT SYSTEM
- ▶ INTEGRATION WITH ENTERPRISE GOVERNANCE (EG)
- ▶ INTEGRATION WITH ENTERPRISE ARCHITECTURE (EA)
- ▶ POST-CONSULTATION SERVICES
- ▶ AI SOFTWARE LIST
- ▶ END

AI ACADEMY VIETNAM IS THE FIRST AND ONE OF THE LEADING AI R&D INSTITUTIONS IN VIETNAM SPECIALIZED IN PROVIDING AI AND DATA ANALYTICS SOLUTIONS AND PRODUCTS TO ENTERPRISES IN VERTICAL FIELDS

Our platform



DSSAMA
We develop a platform for managing and implementing AI, Big Data Analytics projects seamlessly, transparently, and full stack

Benefits in real projects

- ★ Easy to publish a solution
- ★ Easy to run on company server
- ★ Collaboration in project
- ★ Project Management

Building Apps on DSSAMA

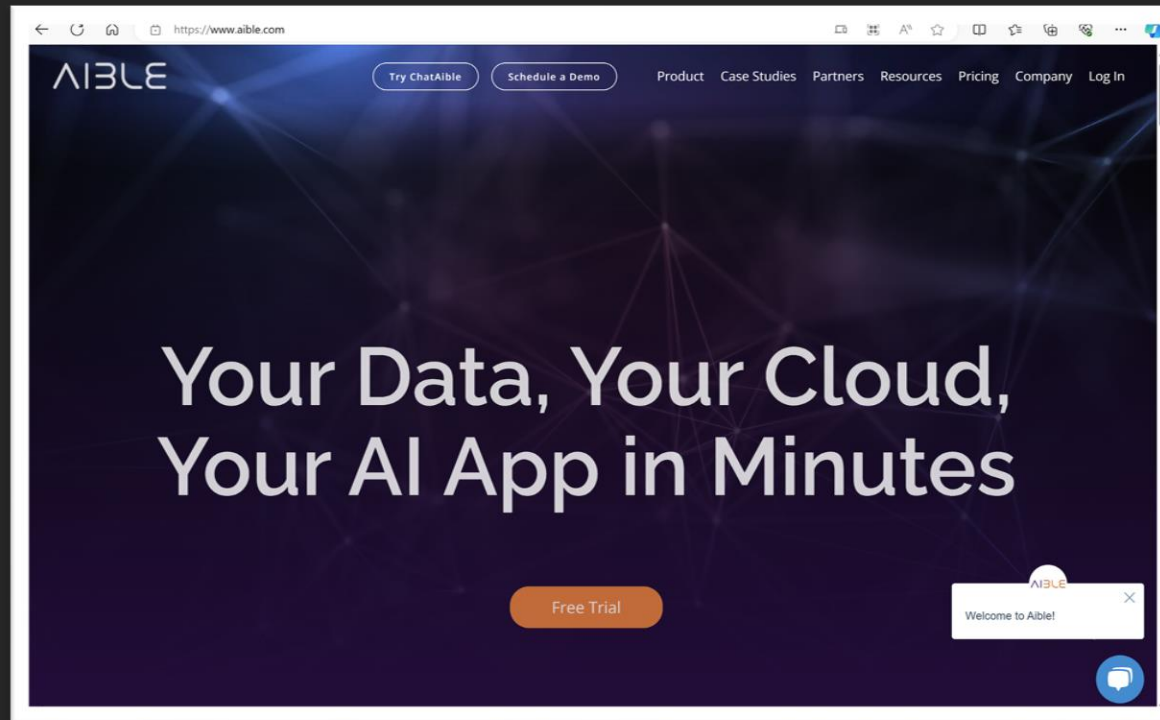
- ★ Easy to integrated DSSAMA inside other applications

Solution

- ★ A language for flow representation

HTTPS://WWW.AIBLE.COM

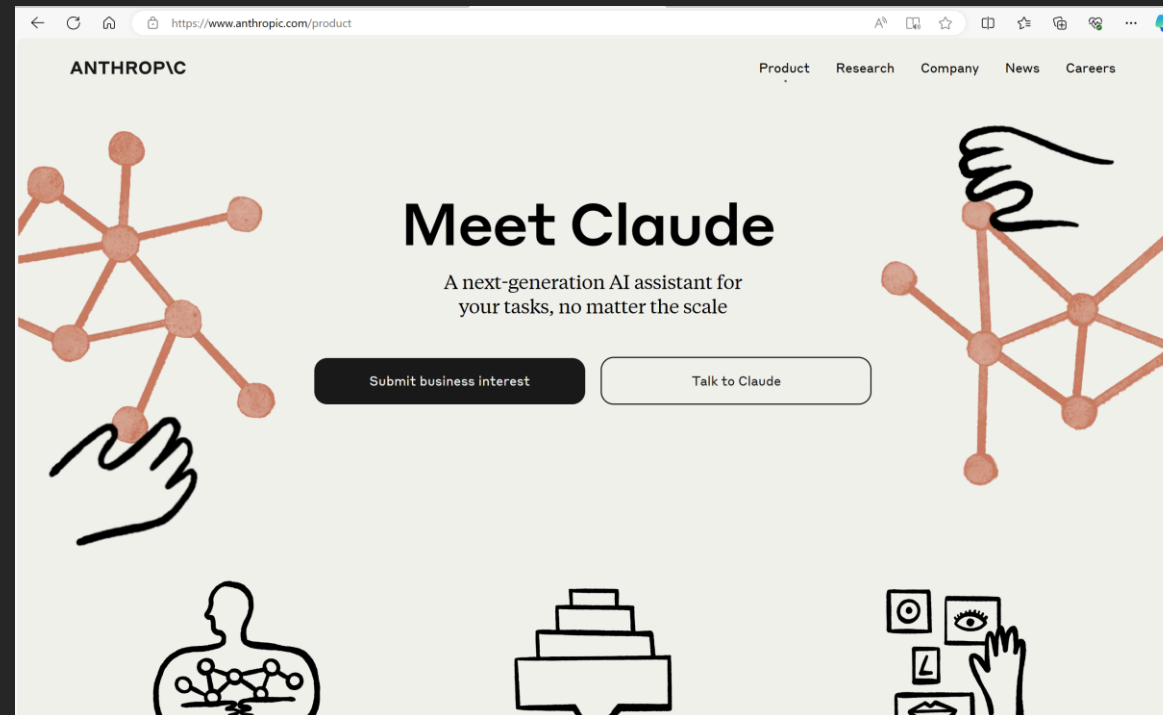
AI GOVERNANCE PLATFORM WITH HALLUCINATIONS CHECK



HTTPS://CLAUDE.AI

ANTHROPIC

LLM (ESPECIALLY FOR CODE GENERATION)



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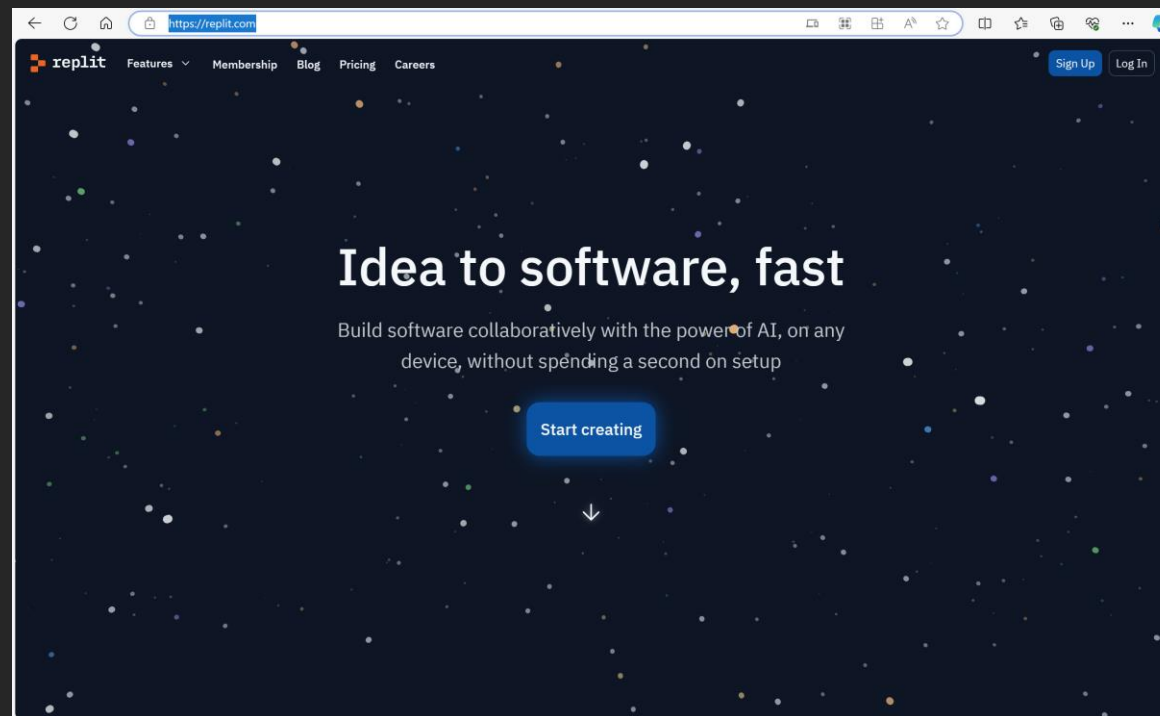
Direct access to the table of contents

Part 02: AI impacts & Software

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HTTPS://REPLIT.COM

IDE - SOFTWARE ENGINEERING WITH AI



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Direct access to the table of contents

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HTTPS://TERMBOARD.COM

KNOWLEDGE GRAPH DATABASE AND LLM INTEGRATION

TERMBOARD

Create Data models, Data lineage, Mind maps, Networks, Processes, Workflows
Easy to use, easy to share

GET STARTED

Graph Creation Made Easy

Enhance the way you create graphs with our versatile and user-friendly interface. You can effortlessly draw relationships, add definitions, and bring your data to life in interactive visualizations. And when it comes to analyzing large graphs, there are many

Be in Control of Your Data

Securely store and manage your data: all your data is stored on your device only. With our browser-based and Excel-compatible interface, you can easily save, update, and share your data. You can export your visualizations to a variety of formats.

Improve with Help of AI

Improve your Data Models with AI-Powered Tools. Termboard offers a set of customised ChatGPT prompts that enable you to access relevant AI-generated data. Our platform's import and export functionality allows you to seamlessly integrate these results into your



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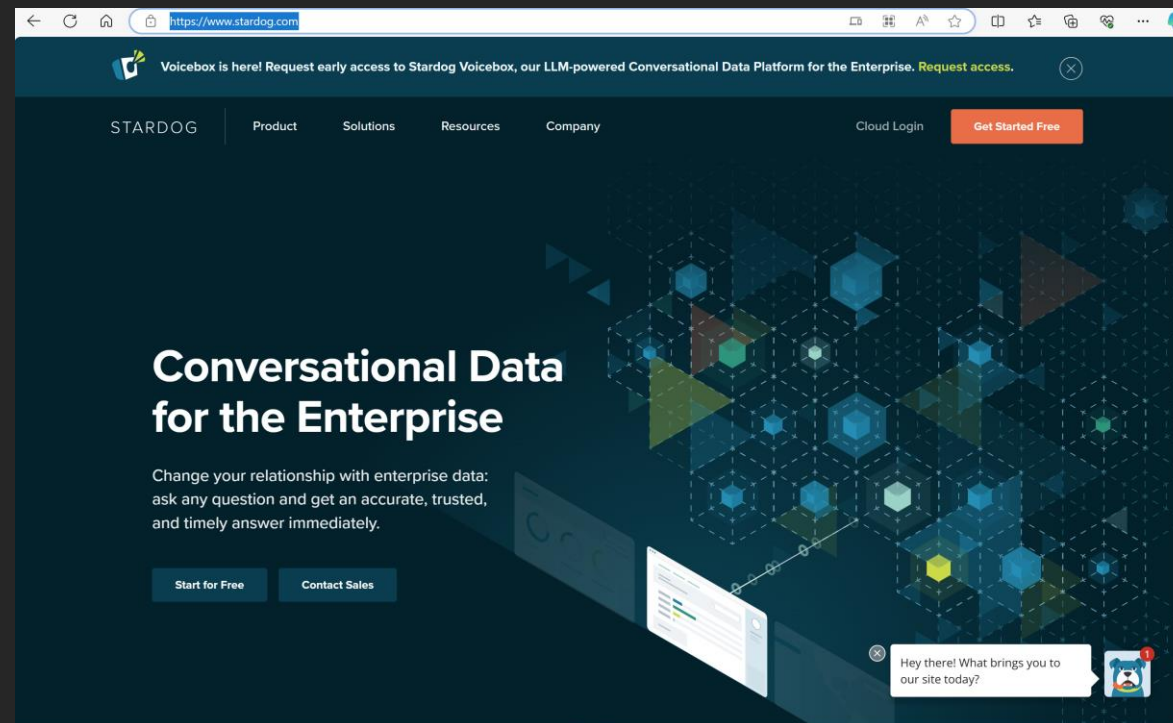
Direct access to the table of contents

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HTTPS://WWW.STARDOG.COM

KNOWLEDGE GRAPH DATABASE



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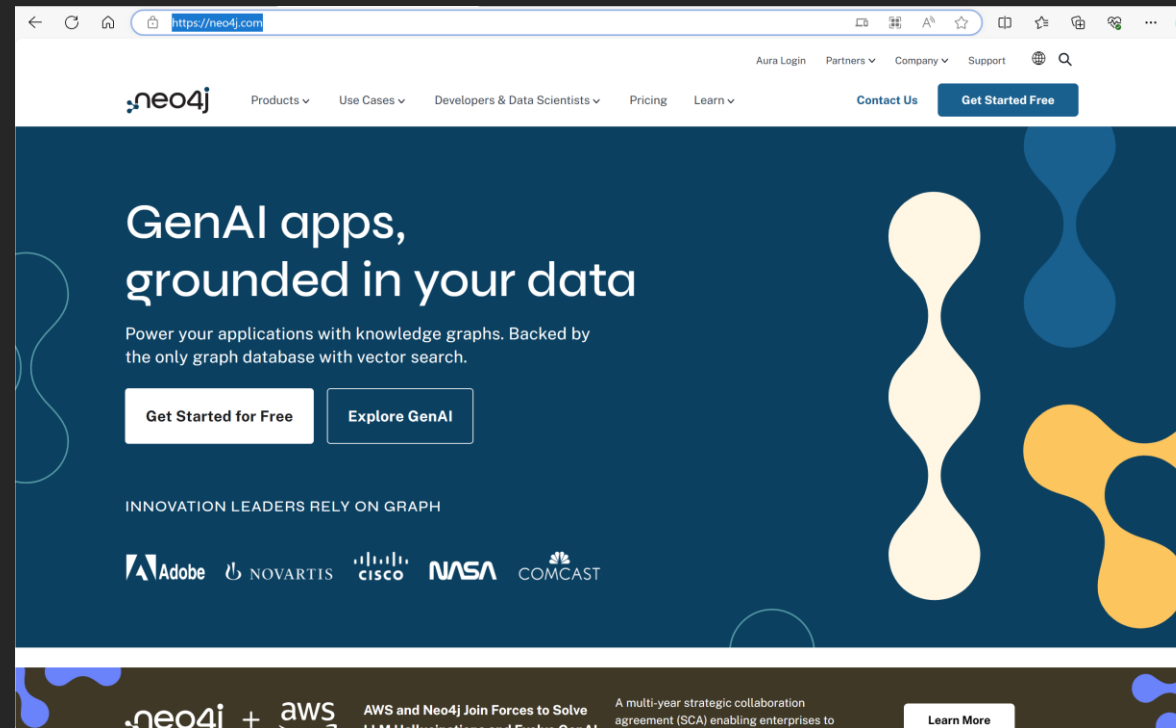
Direct access to the table of contents

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KNOWLEDGE GRAPH DATABASE



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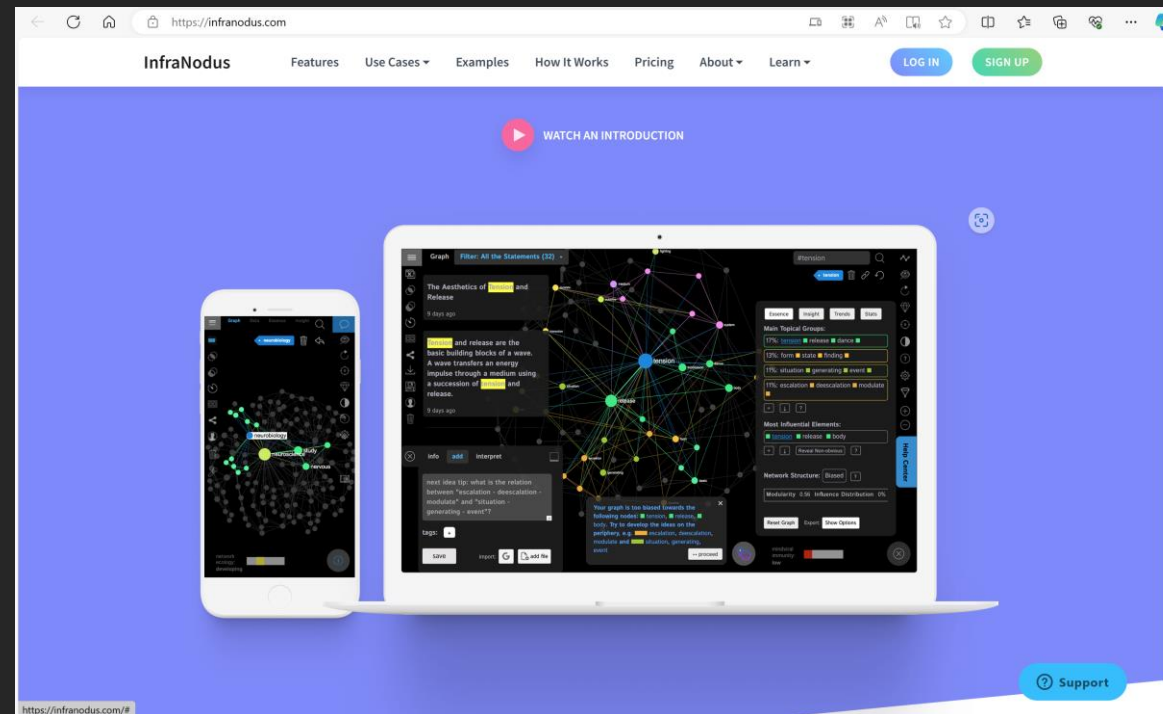
Direct access to the table of contents

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HTTPS://INFRANODUS.COM

KNOWLEDGE GRAPH DATABASE INTEGRATED WITH LLM FOR KNOWLEDGE ACCUMULATION



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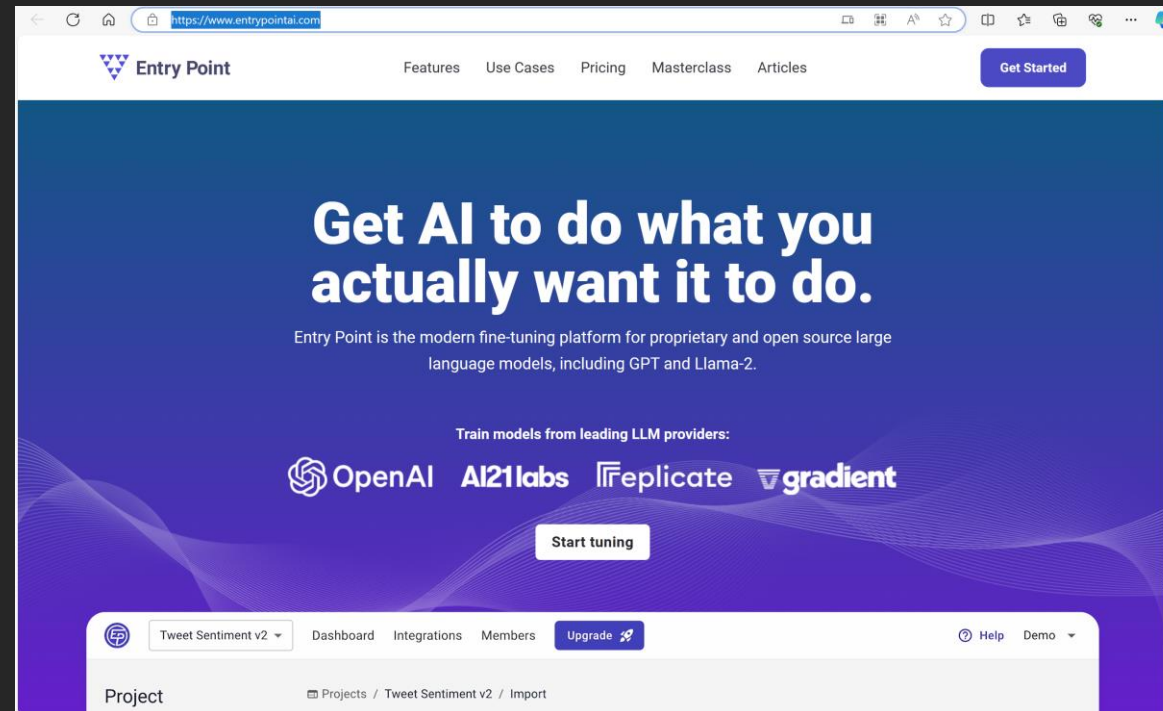
Direct access to the table of contents

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HTTPS://WWW.ENTRYPOINTAI.COM

AI GOVERNANCE FOR TRAINING DATA AND PROMPTS FINE-TUNING



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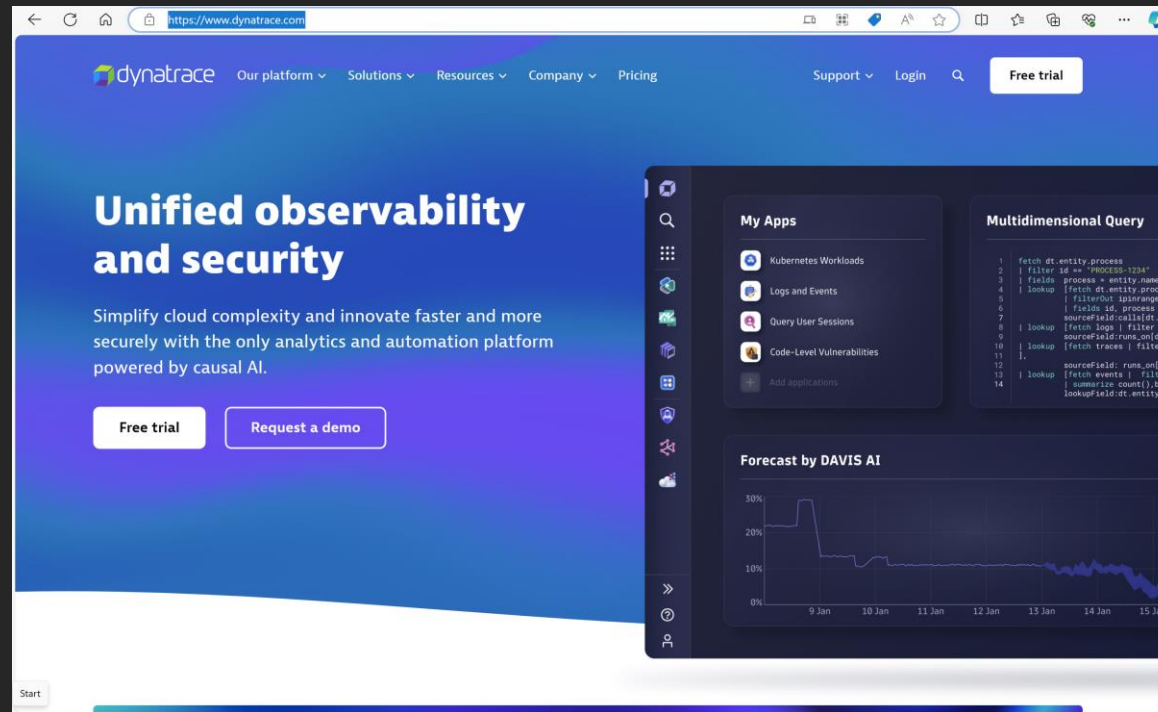
Direct access to the table of contents

Part 02: AI impacts & Software

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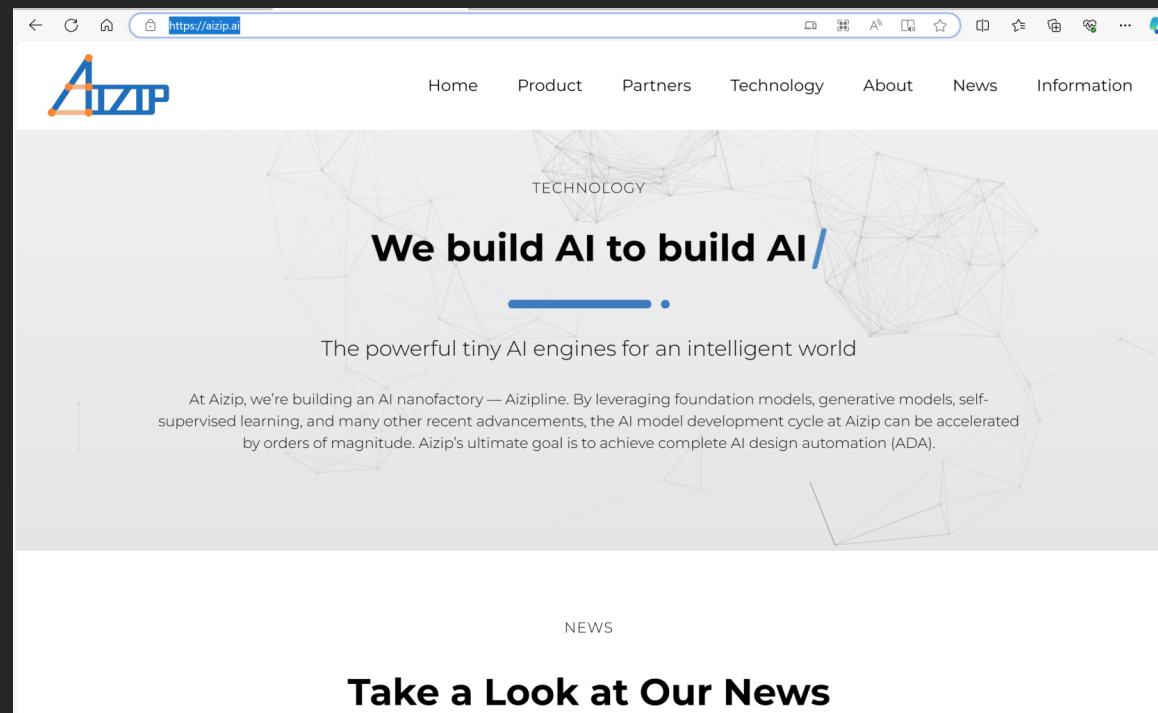
HTTPS://WWW.DYNATRACE.COM

USED TO MONITOR, ANALYZE, AND OPTIMIZE APPLICATION PERFORMANCE, SOFTWARE DEVELOPMENT AND SECURITY PRACTICES, IT INFRASTRUCTURE, AND USER EXPERIENCE



HTTPS://AIZIP.AI

TINY AI ENGINE BASED ON LLM FINE-TUNING CREATION OF FLEXIBLE AI ENGINES BASED ON LARGE LANGUAGE MODELS



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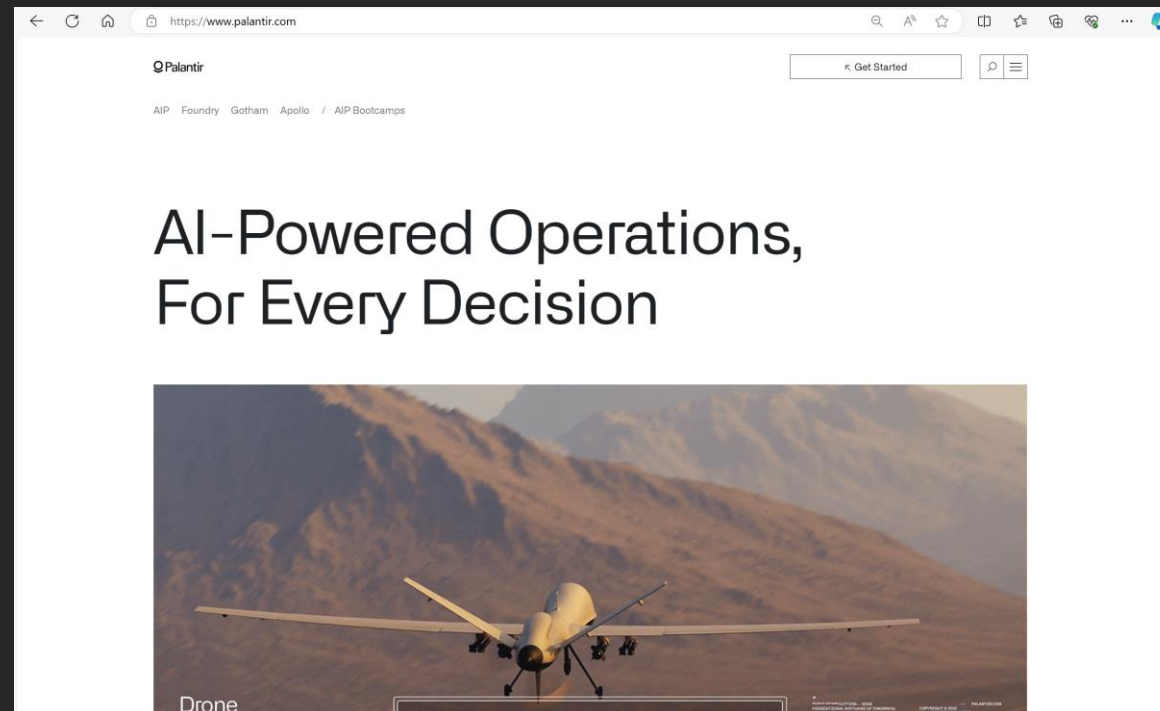
Direct access to the table of contents

Part 02: AI impacts & Software

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HTTPS://WWW.PALANTIR.COM

AI GOVERNANCE WITH ONTOLOGIES BASED ON A KNOWLEDGE GRAPH DATABASE ARCHITECTURE



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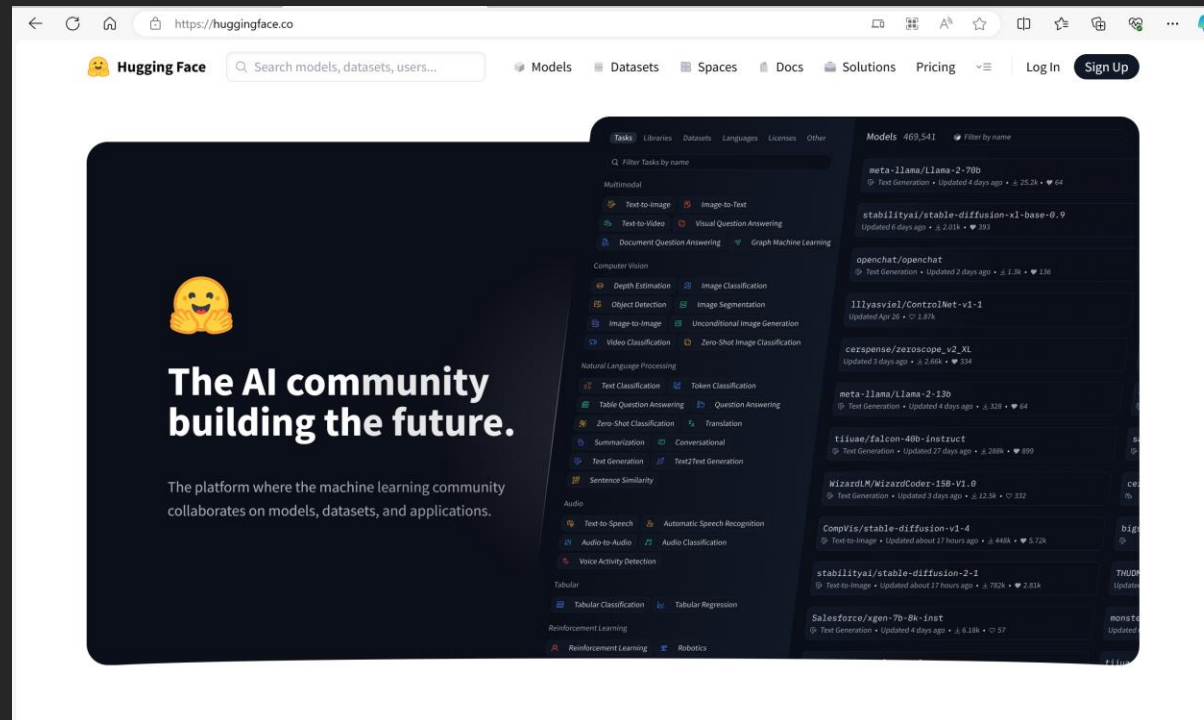
Direct access to the table of contents

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HTTPS://HUGGINGFACE.CO/

THE HUB FOR AI SOLUTIONS, DATASETS AND TIPS



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Direct access to the table of contents

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HTTPS://JAN.AI/

BRINGING AI TO YOUR DESKTOP

Stars 3760

NEW V0.4.3 is now live on GitHub. Check it out!

Jan Guides Developer API Reference Framework Community Blog About

Meet Jan

Bringing AI to your Desktop

Open-source ChatGPT alternative that runs 100% offline on your computer.

Download for Windows

Find out more

New threads

- Study math
- Space exploration
- New tasks
- Marketing
- Design thinking
- Playbook

Assistant

The advantages of artificial intelligence

Artificial intelligence (AI) offers numerous advantages and has the potential to revolutionize various aspects of our lives. Here are some key advantages of AI:

- Automation:** AI can automate repetitive and mundane tasks, saving time and effort for humans. It can handle large volumes of data, perform complex operations, and process tasks with precision and consistency. This automation leads to increased productivity and efficiency in various industries.
- Decision-making:** AI systems can analyze vast amounts of data, identify patterns, and make informed decisions based on that analysis. The ability to process large datasets and generate insights allows humans to make more strategic and accurate decisions and actions.
- Improved accuracy:** AI algorithms can achieve high levels of accuracy and precision in tasks such as image recognition, natural language processing, and data analysis. They can eliminate human errors caused by fatigue, distractions, or bias, leading to more reliable and consistent results.
- Continuous operation:** AI systems can work tirelessly without the need for breaks, resulting in uninterrupted 24/7 operations. This capability is especially beneficial in industries like customer support, medical monitoring, manufacturing processes, and surveillance systems.

Thank you! Please continue.



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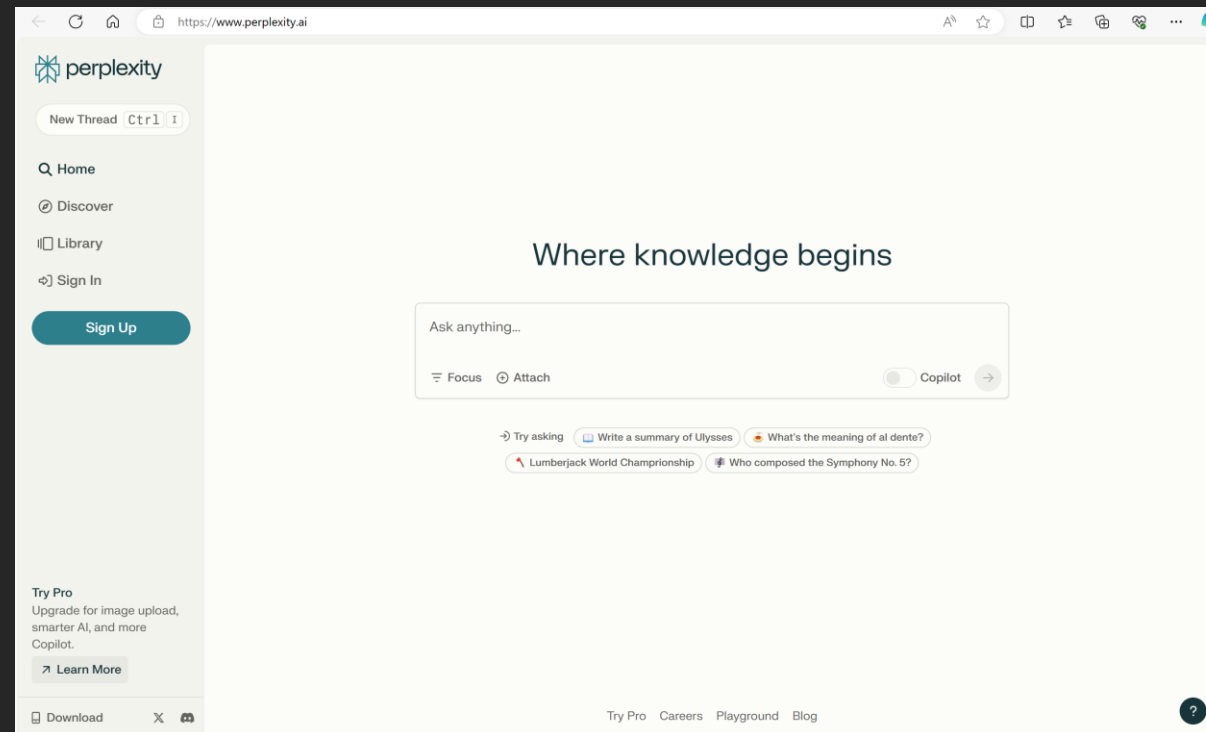
Direct access to the table of contents

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HTTPS://WWW.PERPLEXITY.AI

SEARCH ENGINE SOLUTION BASED ON AI



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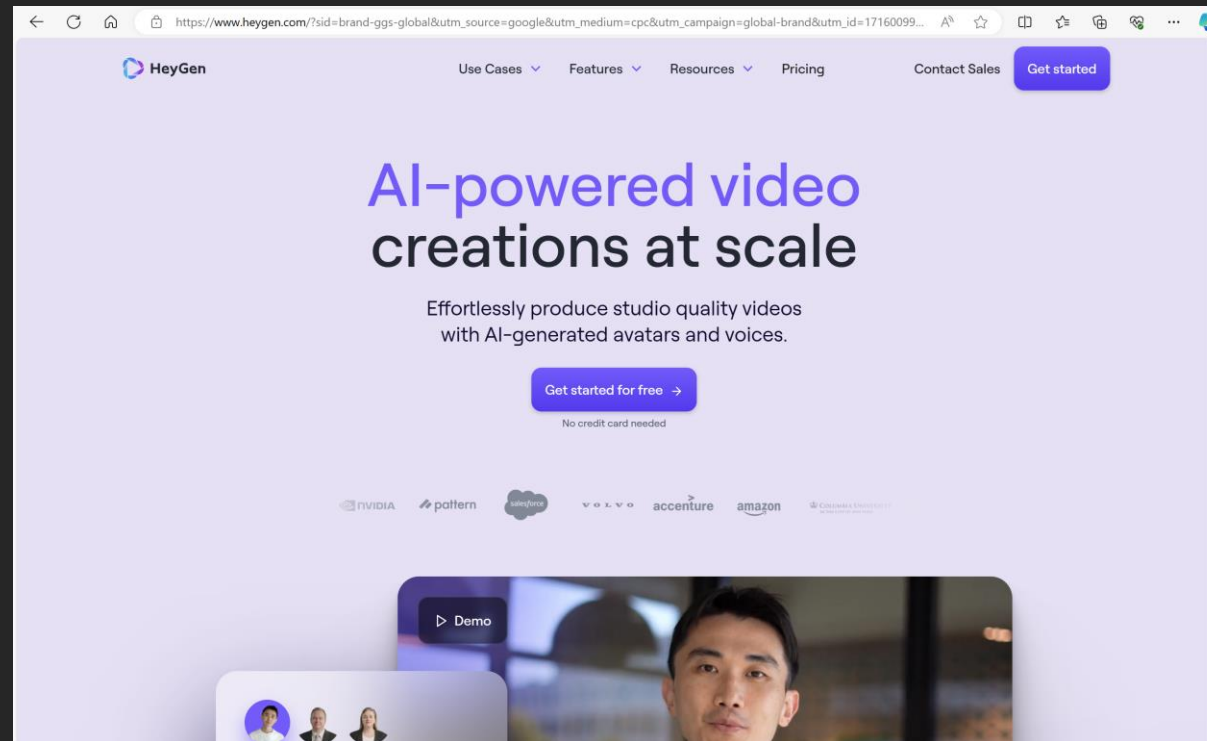
Direct access to the table of contents

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HTTPS://WWW.HEYGEN.COM

AI-GENERATED VIDEOS AVATARS



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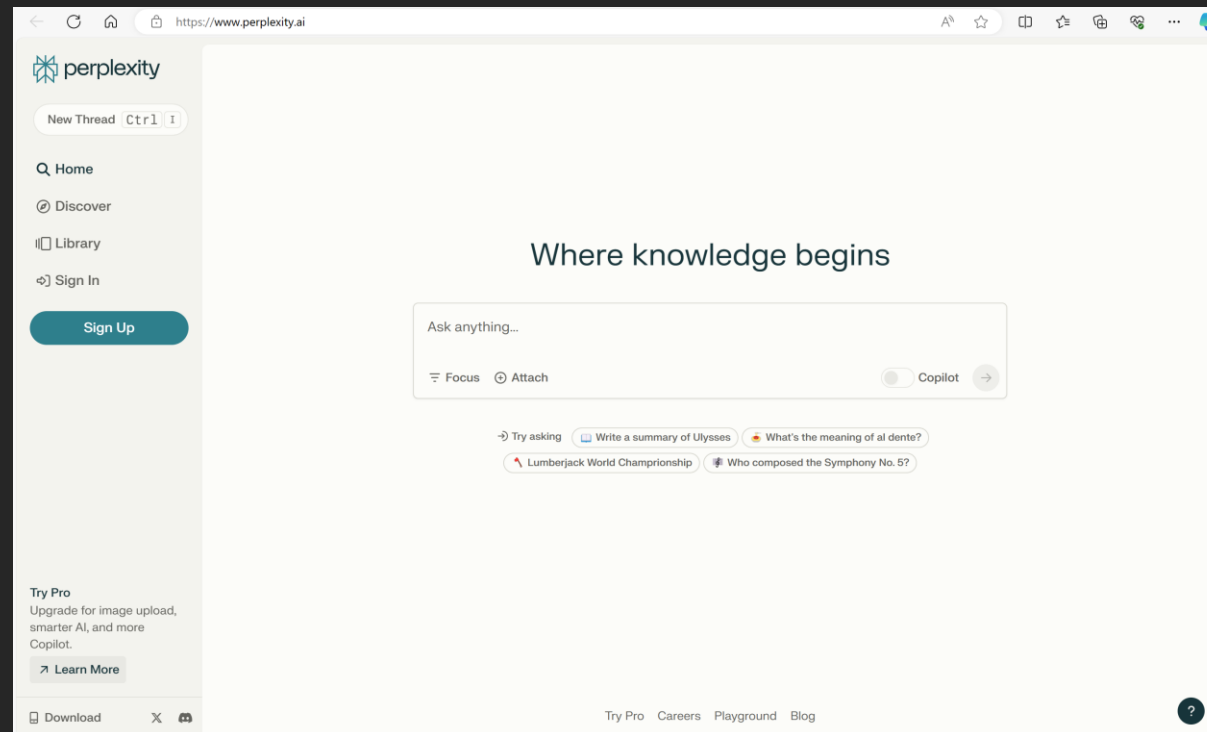
Direct access to the table of contents

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HTTPS://ELEVENLABS.IO

AI-GENERATED VOICES



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Direct access to the table of contents

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