

GSI Digital Link and The Product Knowledge Graph to boost your e-commerce strategy in 2024

Aboutwordlife





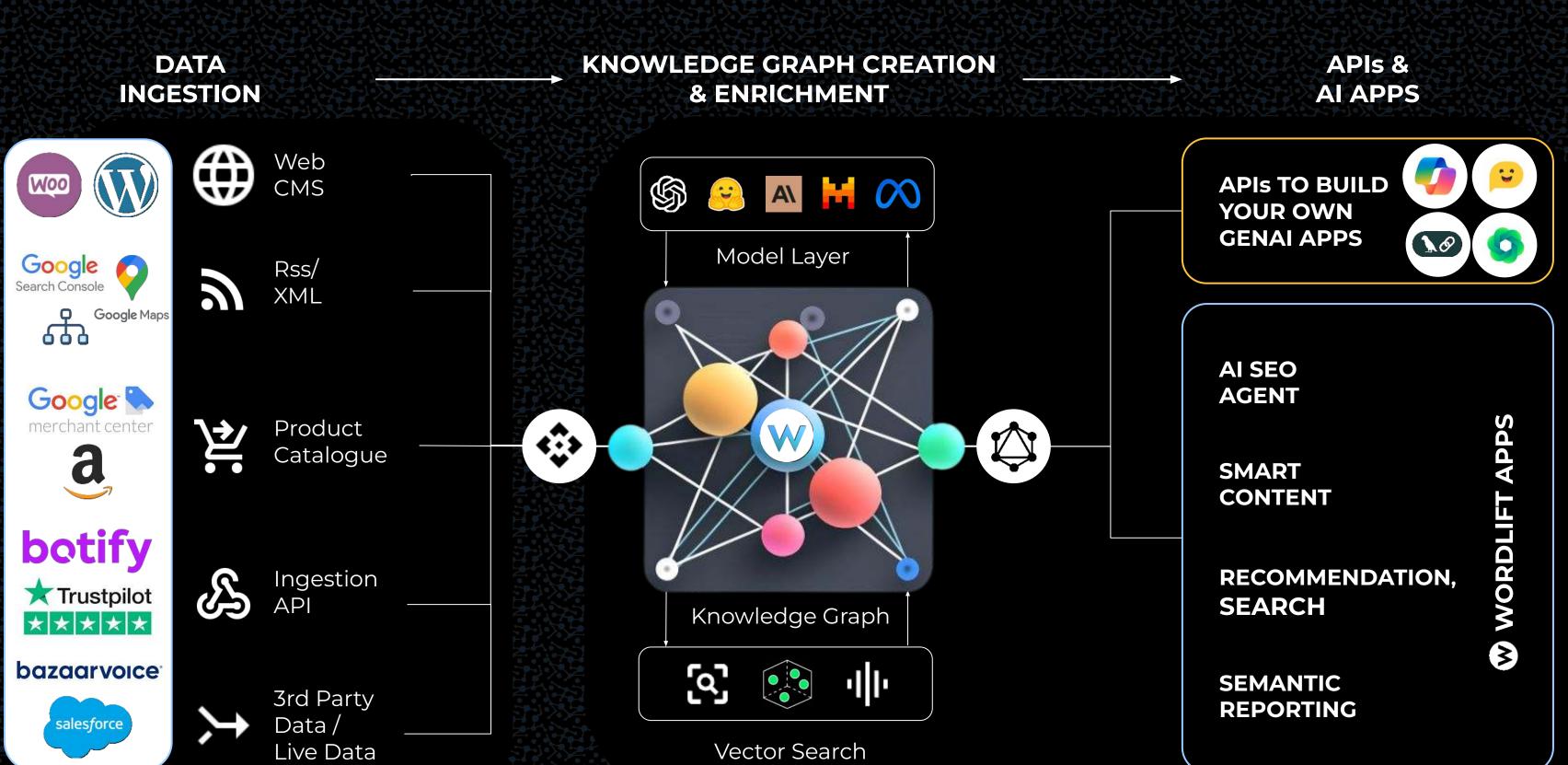
IAm

Co-founder and CEO
Linked Data Enthusiastic

We Are

- O1 Building Product Knowledge Graphs to automate SEO and Marketing Tasks
- Highly focused on improving Data Quality and bringing Clear ROI
- Grounding GenAl and Semantic Search with (semantic) Product Data

A LARGE ACTION MODEL for MARKETING AUTOMATION

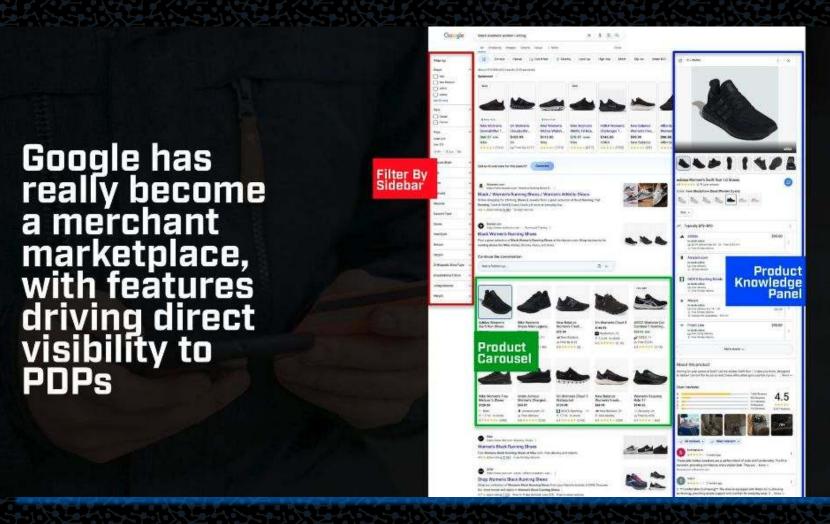


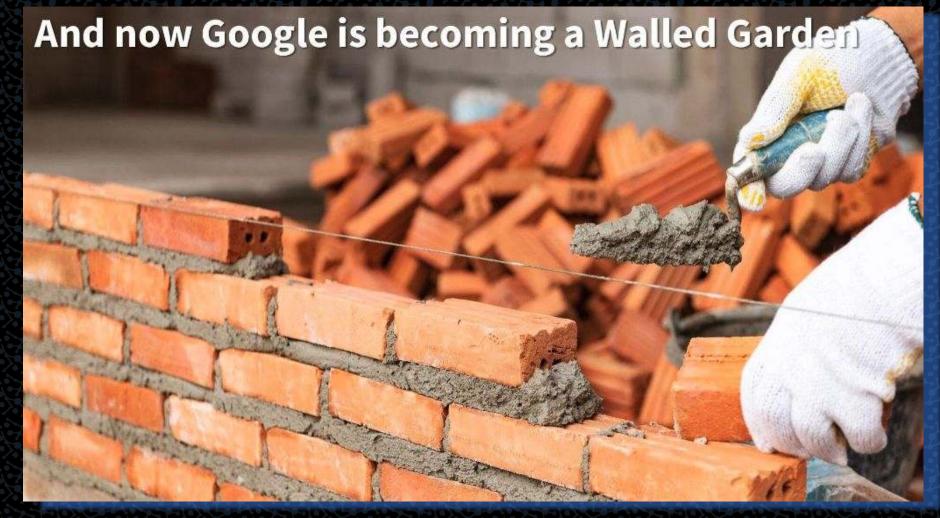
Google is a Marketplace

DON'T LISTEN TO ME, LISTEN TO ALEYDA SOLIS (FULL DECK <u>HERE</u>)

Google is a Walled Garden

DON'T LISTEN TO ME, LISTEN TO BARRY ADAMS (FULL DECK HERE)





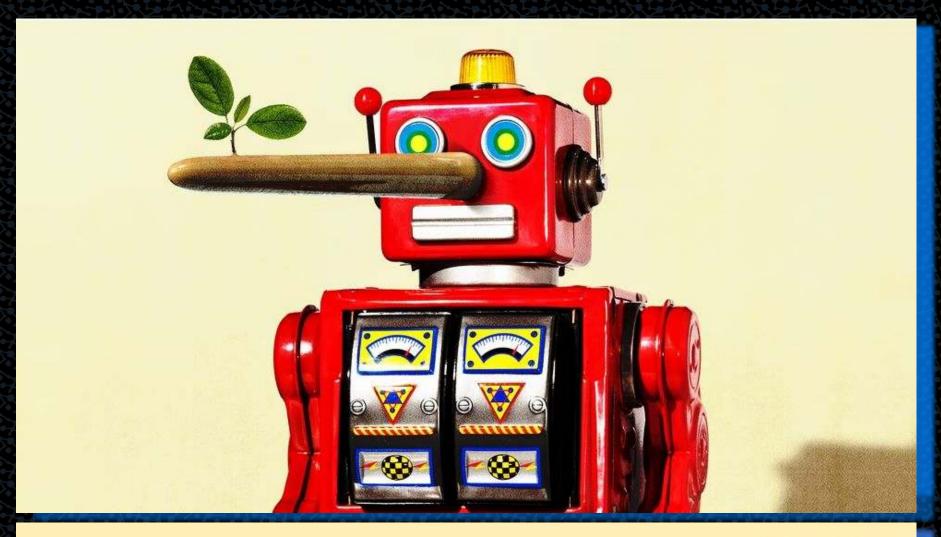


Google is [...] a libel machine

DON'T LISTEN TO ME, READ MATTEO WONG ON THE ATLANTIC (FULL ARTICLE HERE)

Google is full of spam

DON'T LISTEN TO ME, FOLLOW LILY RAY (FULL DECK HERE)







- Study the manual actions and spam violations in great detail.
- Every tactic must be evaluated for spam potential.
- This is an essential part of your job.



@lilyraynyc

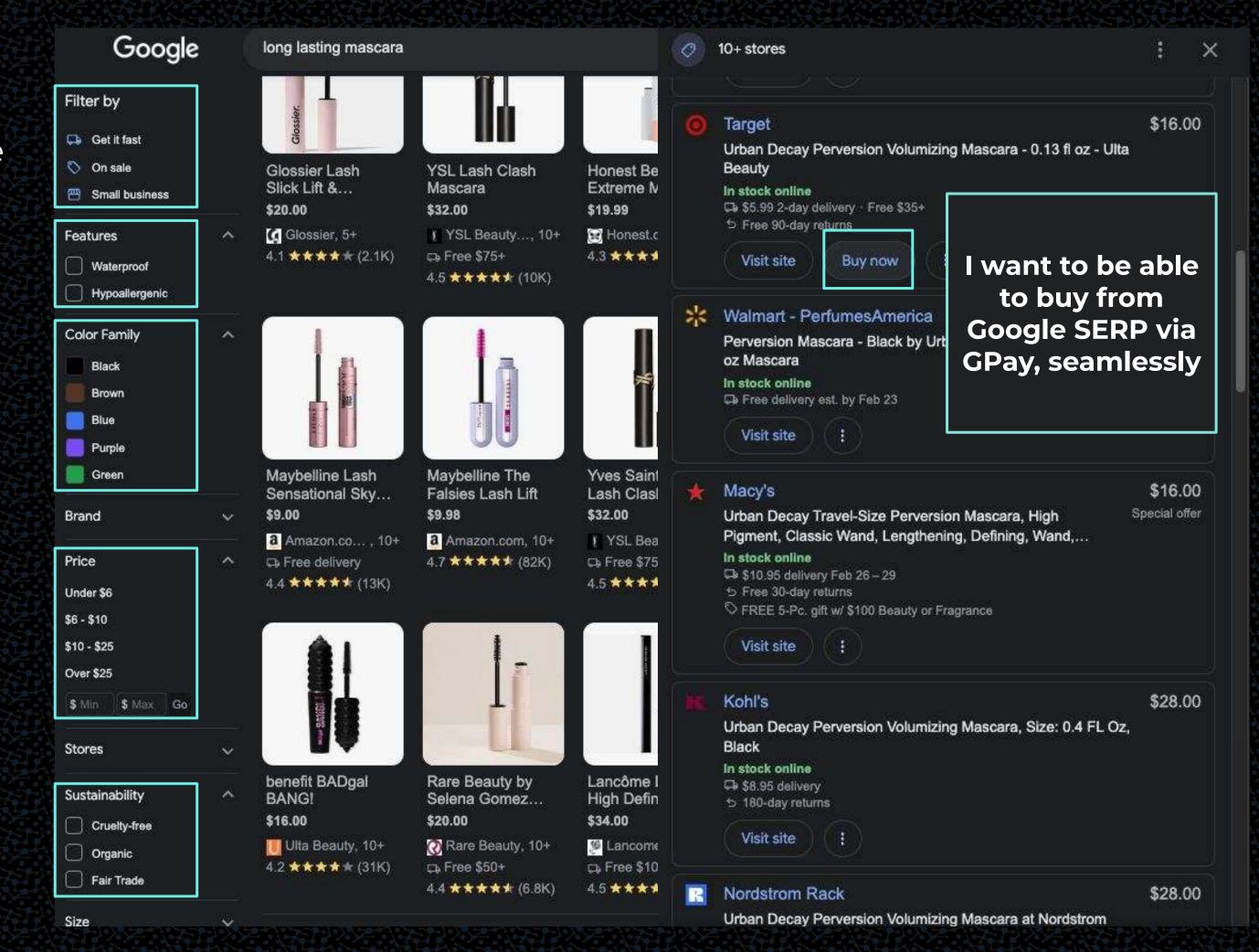
Google has a Shopping Graph

OVER 40 BILLIONS PRODUCTS AND ATTRIBUTES DRIVING AN AI-PACKED CX DIRECTLY ON GOOGLE SERP INCLUDING AIO, VIRTUAL TRY-ONS, STYLE PICKS, PRICE TRACKING, QUICK CHECKOUT, DIGITAL COUPONS AND A LOT MORE.



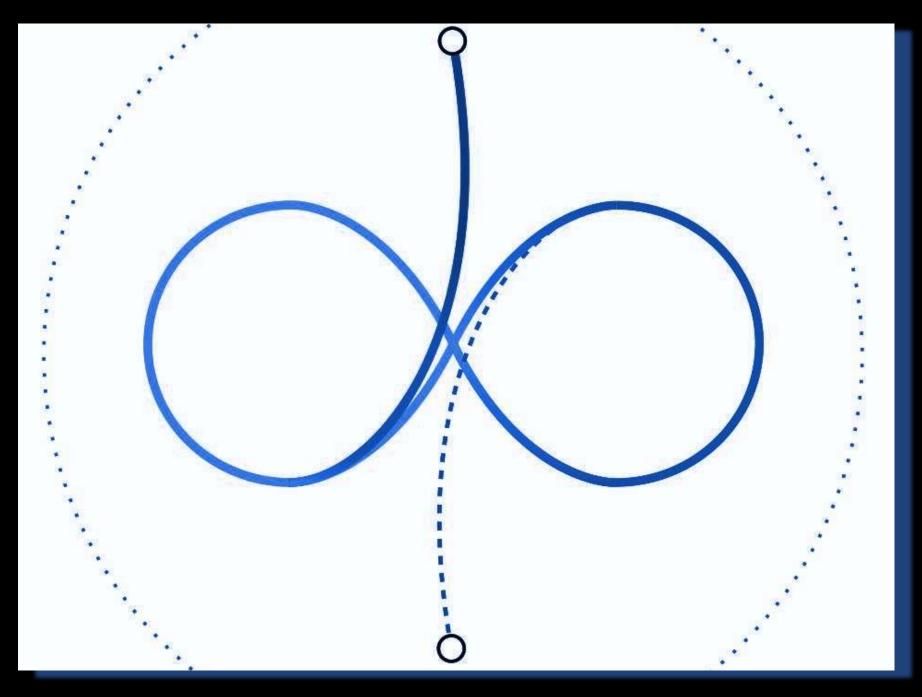
When querying
Google with a clear
buying intent, Google
Shopping (among
other things) adds **filters** to guide the
journey.

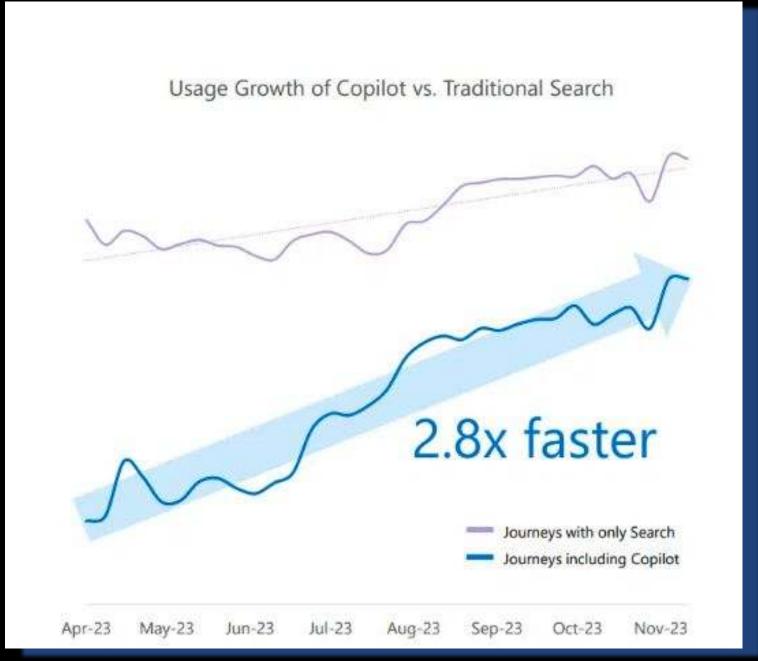
Visibility in Search is shifting from PLPs to PDS.





Al is designed to Search faster

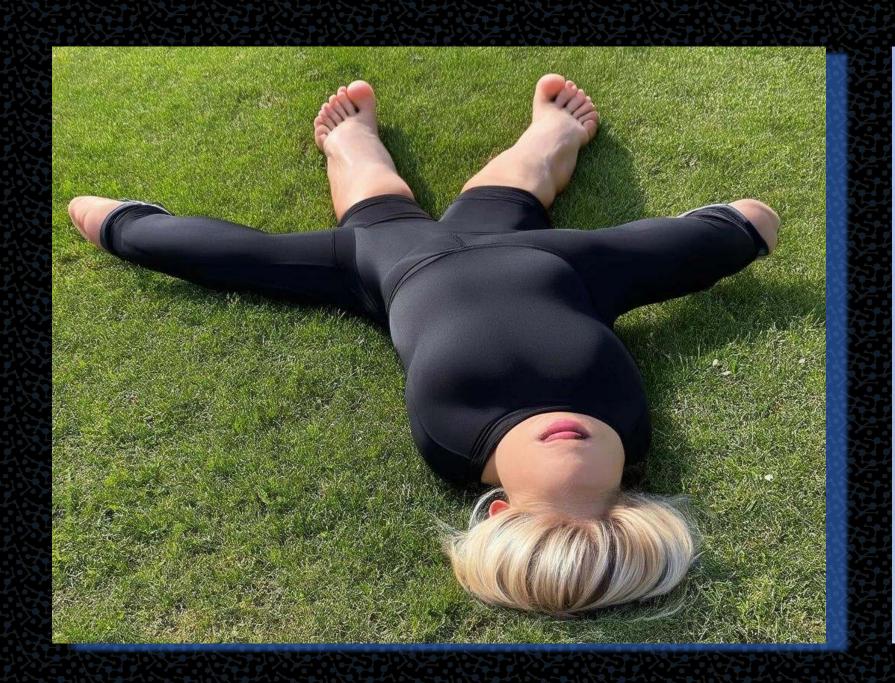






Source: Microsoft Internal data on Copilot adoption.

The Problem with Genal

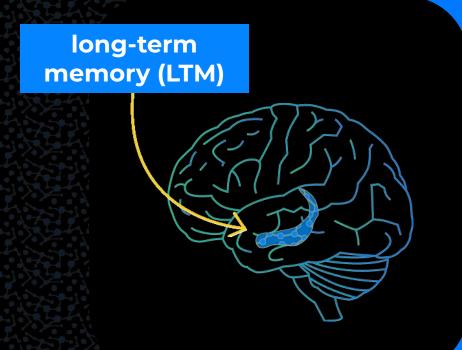




Thoughts exist without language. LLMs don't have a persistent memory. LLMs and GenAl can't reason.



Why Brands Need Graph Data?



Leverage a marketing-oriented knowledge graph as the long-term memory of your organization, to boost creativity, reasoning, and generalization. This is seamlessly integrated with a large action model automating SEO and marketing tasks.

DOLCE & GABBANA



Coca-Cola



FARFETCH

SCAROSSO







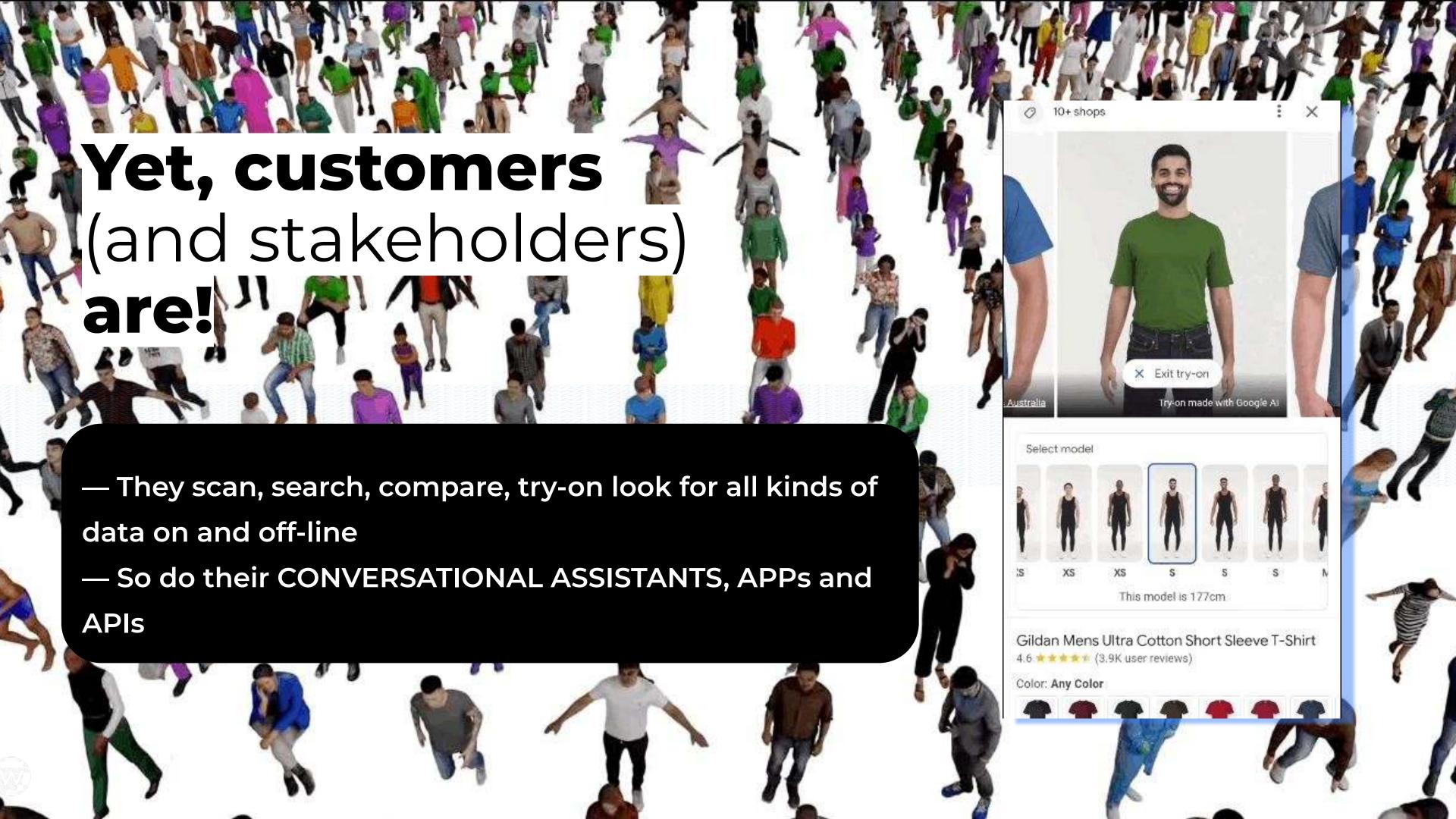




The Problem Will Products Online and on the shelf

Data behind them is not linked...







Enter the Data Angle

E-commerce customer touch points are **data touch points**.

THINK:

- 1. Product Data
- 2. Reviews
- 3. FAQ
- 4.3D Model

5 ...

Building a Product Knowledge Graph

Double-breasted cotton Linen

satin K-Jacket





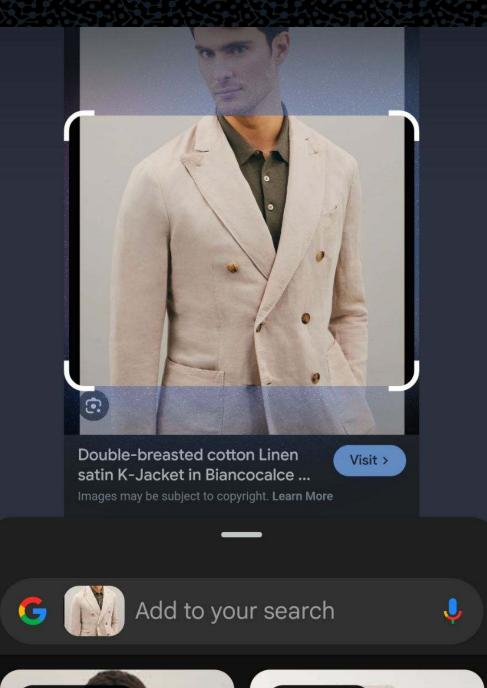
BOGLIOLI



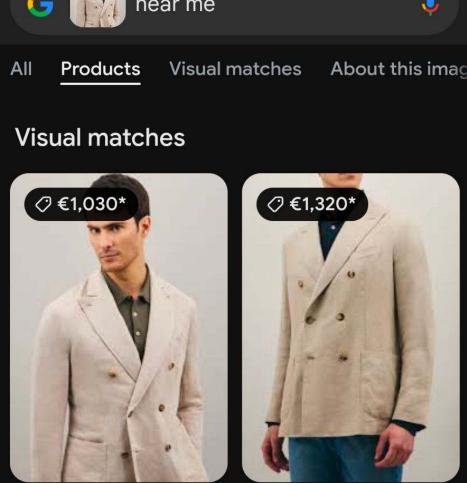


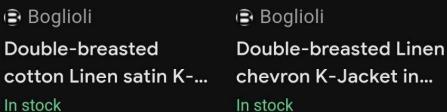
Physical is no longer an island

As a manufacturer you can not only be putting the product on the shelf in the store, but also the product (AND ALL ITS LINKED DATA) in the information field [the cyber market ecosystem] your customer is navigating.











Boglioli

In stock

Double-breasted

Mytheresa Cashmere, wool and silk blazer in beige -...



YOOX LARDINI | Blazer Beige Llomo I YOOX



Benefits of a GS1 Link "speaking" Linked Data.

Helps your customer

Providing up-to-date information straight from your digital ecosystem.

Underpins your data strategy with an URI

All data, across the entire value chain, encoded behind one single URI.

Improves your brand visibility

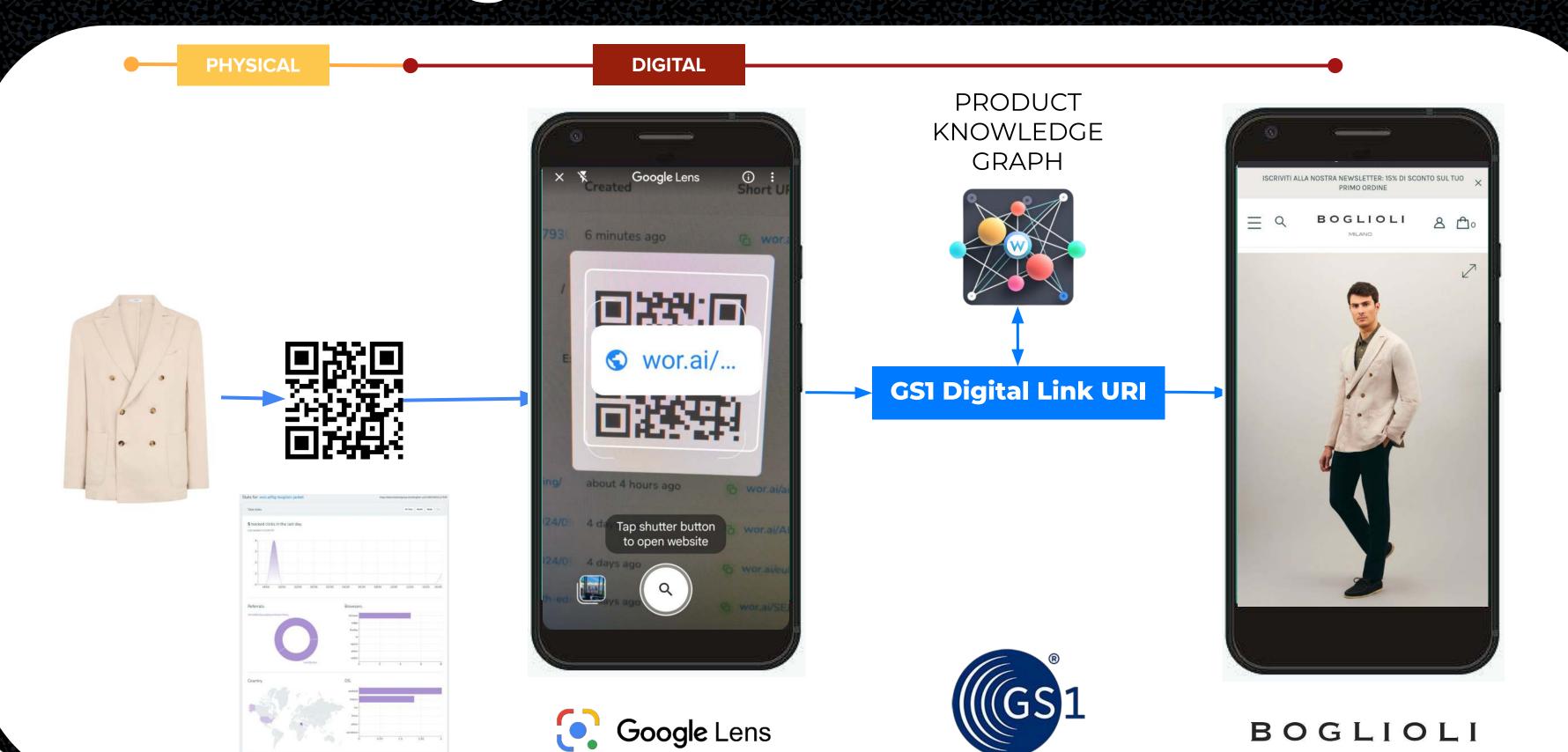
Letting 3rd party developers (as well as in-house developers) smartly re-use all product's data.

Enriches your Product Graph using an Open Standard

GS1 identifiers as persistent URLs for all items.



The GSI Digital Link in Action



5 tinked Data GSI Digital Link

- Native GS1 Digital Link is an Entity ID
 - @id and schema:hasGS1DigitalLink
 express the same value
 - Backed by a real Knowledge Graph
 - Fully dereferenceable based on Linked Data specification
 - Referenceable by other datasets,
 like Wikidata, DBpedia, ...
 - And more







Can we Transform the Customer Experience with

Generative Al?

SEO

AI-CONTENT EXPERIENCE

PDP Optimization - Variant

STANDARD



ALL PRODUCT VARIANT SHARE THE SAME DESCRIPTION

Made from a cotton-silk blend yarn, this polo shirt offers a light and soft feel, ensuring a comfortable and refined fit. The garment-dye technique adds color depth and unique character. The ribbed sleeve bottom and knit add a touch of elegance and structure to the overall design.

AI-GENERATED



EACH PRODUCT
VARIANT GETS ITS
OWN
PERSONALIZED
DESCRIPTION

Crafted from a cotton-silk blend yarn, this **green polo shirt** in **size**XXL provides a light and soft feel,

ensuring a comfortable and

refined fit. The garment-dye

technique enhances the color

depth and unique character. The

ribbed sleeve bottom and knit

add a touch of elegance and

structure to the overall design.

GMC Optimization - Product Higlights



[product_highlight]

Agent WordLift 04:52 PM

I received the configuration and I am now working on the website https://www.ray-ban.com/uk using English.

You 04:52 PM

Find me everything on the website on the Ray-Ban RB3565. Based on this information write me a short bulleted lists of the most relevant highlights of your products. The highlights you provide should help shoppers with easily consumable, quick-to-scan sentence fragments that answer the most common consumer questions or that focus on the most important attributes of the product.

Do not mention discounts and ensure that the provided content complies with data privacy regulations.

ネ 迂直 Type your message here...

Agent WordLift can make mistakes. Consider checking important information

Using WordLift Al SEO Agent

AI-GENERATED



EACH PRODUCT GETS ITS MOST RELEVANT HIGHLIGHTS

- Customizable frames and lenses: Design your own shades for a personalized look.
- **Prescription available**: Add your prescription to any pair for clear vision.
- Multiple frame colors: Choose from gold, copper, and black metal frames.
- Lens options: Available in Pink/Brown, Black, and Clear/Blue lenses.
- Free shipping and returns: Enjoy hassle-free shopping with free next-day delivery and returns.

Neural Search Wine Pairing & Al Sommelier











ETILIKA

Neural Search Wine Pairing & Al Sommelier

Find me the best wine for this



2

Bianco Venezia Giulia IGT -Dario Princic

€ 22,05



Bianco Trebez Venezia Giulia IGT 2020 - Dario Princic



Slatnik Bianco Venezia Giulia IGT 2021 -Radikon

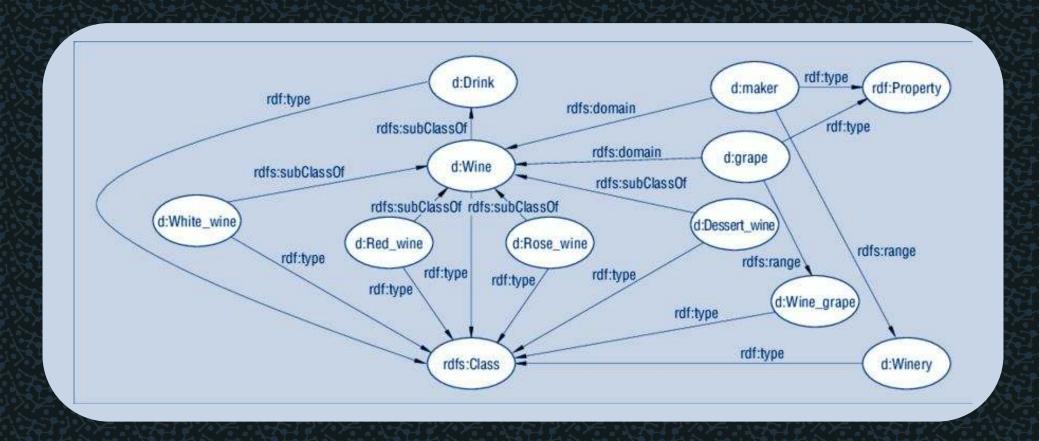


€ 35,00

€ 37,90

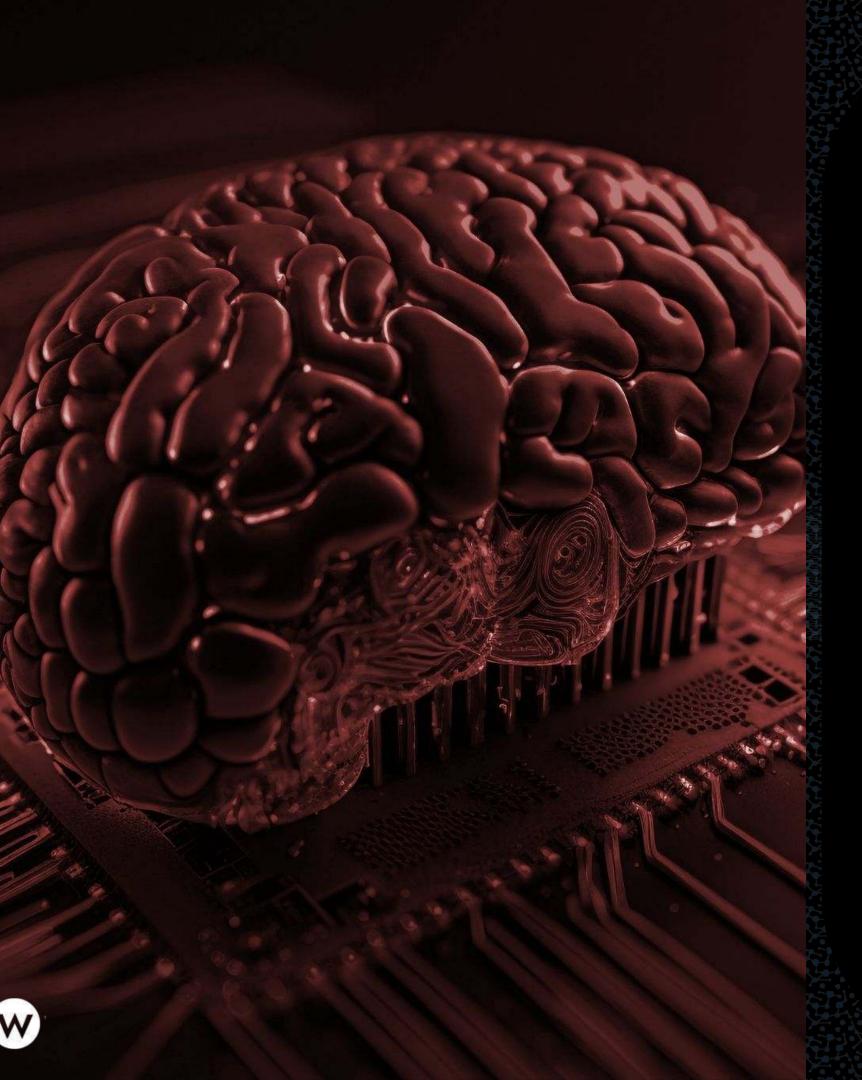


The Wine Ontology



- A public namespace https://w3id.org/wine/
- 32 dedicated properties abiding to international standards to define and assess wines, like acidity, alcohol, vintage, ...
- Extends the schema.org and reuses classes like Winery
- Existing business use cases powering Al Agents and Vector Search





Generative Al needs Semantic Data

Every product is different. Every Brand is unique.

THINK:

- 1. Product Data
- 2. Search Queries
- 3. Upcoming Trends
- 4. Content Guidelines

5 ...

THANK YOU!

Start Building Your Knowledge Graph Now and Get 20% Discount!



Contact us at silvia@wordlift.io

