Unleashing the Power of AI-Human Collaboration

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Several inventions were originally rejected at their inception:

- Bicycles

- The Light Bulb

- Telephones

- Personal Computers

- even Bubble Wrap

Resistance is futile

The Borg are cybernetic organisms linked in a **hive mind** called "the Collective". **The Borg co-opt the technology and knowledge** of other alien species to the Collective through the **process of "assimilation"**: forcibly transforming individual beings into "drones" by injecting nanoprobes into their bodies and surgically augmenting them with cybernetic components.

The Borg's ultimate goal is "achieving perfection".

(Wikipedia)

AI will change everything
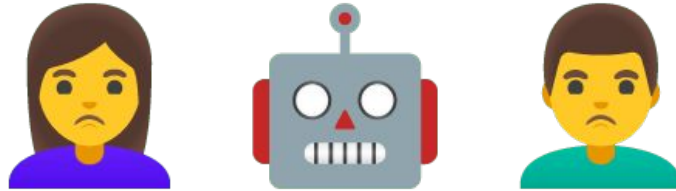
Embrace Change

But How?

Thanks to AI we have now access to **vast amounts of data** using a **natural language human interface**

AI needs context

AI has difficulties understanding **contexts** and in **engaging** the target audience

AI is a tool for Humans

Our Aim

Leverage AI to **automate recurring tasks** of Content Production **supervised** by Content Editors and leveraging **Knowledge Graphs** and Linked Data
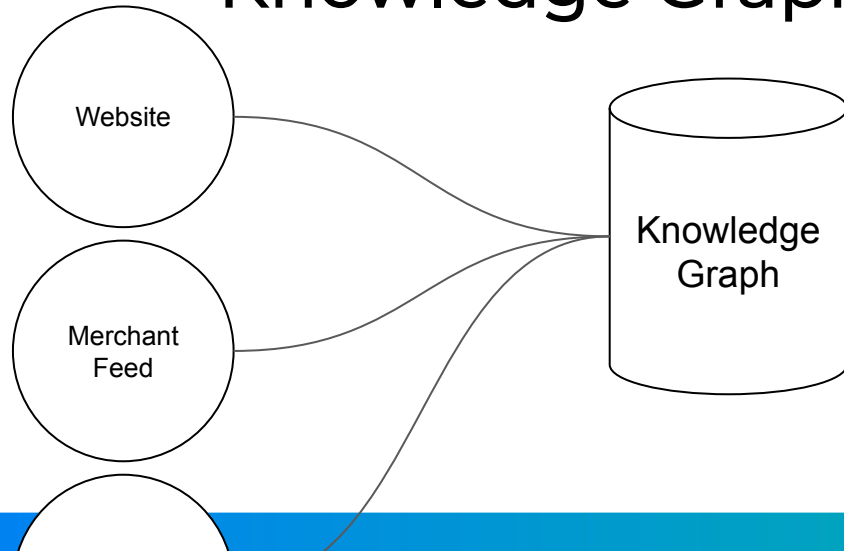
A quick peek

To our new Product Release in the Making

The Knowledge Graph

Given a Website, a Merchant Feed or other sources we create a semantically rich Knowledge Graph with data

Examples

Place / http://purl.org/dc/terms/Location / http://www.w3id.org/urban-iot/core#MobilityStation / http://www.w3id.org/urban-iot/core#ServiceResource /	0 ERRORS 0 WARNINGS

@type	Place
@type	http://purl.org/dc/terms/Location
@type	http://www.w3id.org/urban-iot/core#MobilityStation
@type	http://www.w3id.org/urban-iot/core#ServiceResource
@type	http://www.w3id.org/urban-iot/uiote#ChargingStation
@id	https://data.enelx.com/chargingstations /19XP22T3KK4AD00141
name	OP-02981917
http://purl.org/dc/terms/identifier	EVOS_thing46488
alternateName	ALIAS_6ee94f49-0e7c-4fc2-966d-402aa750a1d4
uite:isPrivate	false
http://www.w3id.org/urban-iot/uiote#serialNumber	19XP22T3KK4AD00141
locn:address	
@type	locn:Address
ocn:fullAddress	Via Padre D. M. Turoldo, 7, 20063 Cernusco sul Naviglio MI, Italy, 20063 Cernusco sul Naviglio, Lombardia IT

Product	0 ERRORS 0 WARNINGS
ID: https://data.luxottica.com/ray-ban-it/805289602057	

@type	Product
@id	https://data.luxottica.com/ray-ban-it/805289602057
description	"Uno dei modelli più iconici attualmente in circolazione, i Ray-Ban Aviator Classic sonoocchiali da sole creati originariamente nel 1937 per i piloti americani. Aviator Classic è un modello senza tempo che unisce una straordinaria formapilot con livelli altissimi di qualità, performance e comfort. La classica montatura dorata è abbinata a una grande varietà cromatica di...
mainEntityOfPage	https://www.ray-ban.com/italy/occhiali-da-sole/RB3025 UNISEX aviator classic-oro/805289602057
name	AVIATOR CLASSIC RB3025 L0205 58-14
url	https://www.ray-ban.com/italy/occhiali-da-sole/RB3025 UNISEX aviator classic-oro/805289602057
sku	RB3025 L0205 58-14
color	Green Classic G-15
mpn	RB3025 L0205 58-14

Data Query Using GraphQL

Data Source

Connect a Knowledge Graph and define the Query and Prompt template.

* Project Name

> Project Name

Knowledge Graph   Upload CSV

> http://www.url.com

Preset ⓘ

> Preset

* Query

```
query {
    products(page:0,rows:1000) {
        id: iri
        names: strings(name:"schema:name")
        types: refs(name:"rdf:type")
        urls: refs(name:"schema:url")
        material: strings(name:"schema:material")
        category: strings(name:"schema:category")
        color: strings(name:"schema:color")
        audience: resources(name:"schema:audience") {
          audienceType: strings(name:"schema:audienceType")
        }
          offers: resources(name:"schema:offers") {
            price: strings(name:"schema:price")
        }
    }
}
```

Cancel   Next

Data Review

Review Data queried from your KG.

100 Fields

	Field Name	Size (min) ⇅	Size (avg) ⇅	Size (max) ⇅	Empty ⇅	Top Values	Last Values
+	Field Name	3	5.3	7	0%	Value, Value, Value	Value, Value, Value
+	Field Name	3	5.3	7	99%	Value, Value, Value	Value, Value, Value
+	Field Name	3	5.3	7	99%	Value, Value, Value	Value, Value, Value
+	Field Name	3	5.3	7	99%	Value, Value, Value	Value, Value, Value
+	Field Name	3	5.3	7	0%	Value, Value, Value	Value, Value, Value
+	Field Name	3	5.3	7	0%	Value, Value, Value	Value, Value, Value
+	Field Name	3	5.3	7	0%	Value, Value, Value	Value, Value, Value
+	Field Name	3	5.3	7	0%	Value, Value, Value	Value, Value, Value
+	Field Name	3	5.3	7	0%	Value, Value, Value	Value, Value, Value
+	Field Name	3	5.3	7	0%	Value, Value, Value	Value, Value, Value
+	Field Name	5	5.3	7	0%	Value, Value, Value	Value, Value, Value

‹ 1 2 3 4 5 ›

Data Review

Prompt Engineering

✓ Data Source ———— ✓ Data Review ———— ③ Prompt   ④ Validation rules (optional)

Prompt

Define Project Prompt, view Sample Prompts and test Sample Completions.

* Project Prompt ⓘ	Sample Prompt ← →
The {{p.names[0]}} {{#if p.material}} is made of {{p.material}} and {{/if}} is perfect for {{p.audience.audienceType}}.	The purse is made of metal and plastic and is perfect for young people.

Sample Completion   ↻ 👍

Sample Completion appears after the button has been pressed.

120 tokens

Parameters

* Model

| da-vinci ∨ |

* Stop Sequence ⓘ

| ##### |

Length: 25

0 ————————————●———— 100

Penalty: -1.2

-2 ●————————●———— 2

Creativity: 0.3

0 ————●———————————— 1

Word Biases ⓘ

| ⬆ Select File (CSV) |

🔗 filename.CSV   🗑

Validation Rules

Validation Rules (optional)

Define the Rules that validate generated Completions.

+ Add Rule

Name of the Rule · Required   ✎ ☐ 🗑

Entire Completion contains {{brand}} always

Name of the Rule · Recommended   ✎ ☐ 🗑

First Sentence doesn't contains {{brand}} when {{brand}} is Oakley

---

Sunglasses is present in first sentence when SUN and even longer... · Recommended   ✎ ☐ 🗑

First Sentence doesn't contains {{brand}} when {{brand}} is Oakley

---

Name of the Rule · Recommended   ✎ ☐ 🗑

Entire Completion contains {{brand}} always   Open AI

Content Generations

A. Project name ✎

Here you can check the completions. In Valid you will find the ones that passed the rule.
Warning shows completions that didn't pass recommended rule and Error - required.
Move them to Accepted once you check them.

Search 🔍		Valid (80)	Warning (30)	Error (17)	Accepted (7)	⊞ Columns	Export All

SKU	Image	Prompt 🔍	Completion 🔍
Product 1		The Rayban Glasses are made of gold and are perfect for extremely rich people.	The Rayban Glasses, crafted from luxurious gold, are the perfect accessory for those looking to make a statement extreme wealth and opulence. 🟡 2 Warnings ✓ C 🔀
🟡 Recommended rules failed: 1. Faces words are not present ⍰			
Product 2		The Gucci Glasses are made of silver and are perfect for rich people.	The luxurious Gucci Glasses are crafted with high-quality silver and are the ideal accessory for wealthy individuals. ✓ C 🔀
Product 3		The Rayban Glasses are made of gold and are perfect for extremely rich people.	The Rayban Glasses, crafted from luxurious gold, are the perfect accessory for those looking to make a statement extreme wealth and opulence. ✓ C 🔀
Product 4		The Gucci Glasses are made of silver and are perfect for rich people.	The luxurious Gucci Glasses are crafted with high-quality silver and are the ideal accessory for wealthy individuals.

Gioco

15+6?

3+56?

89+2?

12+53?

75+26?

25+52?

63+32?

e

123+5?

Ora immaginate subito un attrezzo da lavoro ed un colore!

A cosa avete pensato?

Il 98% delle persone risponde Martello Rosso