

Prompt Engineering

ChatGPT 3.x

Example Use Case

– CONCEPT –

Amazon product page filter

Problem definition: Many low quality and white label 'spam' brands, that also might deliver from outside the EU and take long to arrive. As a customer, I prefer trustworthy, local, EU/DE brands over Chinese/Alibaba 'copy & paste' white label products.

There is no filter and no insight into these vendors, seemingly intentionally designed by Amazon to function this way of intransparency. The only method is to filter by name and at least reduce the flood of spam products in listings (e.g. remove them from display via code).

Weitere ergebnisse

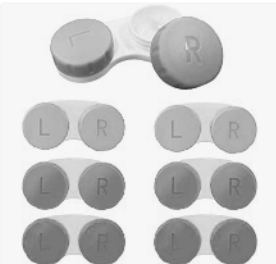


Sliverdew 4 Stück Kontaktlinsenetui
Kontaktlinsen Etui tragbarer
Kontaktlinsenbehälter für Reisen
Links/rechtes Augen...

★★★★☆ ~ 5

3,99€

GRATIS-Versand für Bestellungen ab
39,00 € und Versand durch Amazon



LeFeirr Kontaktlinsenbehälter 6 Stück,
Auslaufsicher Reise
Kontaktlinsenbehälter Set für
Zuhause und Reisen

★★★★☆ ~ 227

4,99€

GRATIS-Versand für Bestellungen ab
39,00 € und Versand durch Amazon



metagio 4 Stück
Kontaktlinsenbehälter,Kontaktlinsen
Aufbewahrung,Kontaktlinse Kasten...

★★★★☆ ~ 19

6,99€ (1,75 €/stück)

Lieferung bis **Donnerstag, 11. Mai**
GRATIS-Versand für Bestellungen ab
39,00 € und Versand durch Amazon



Tampen Kontaktlinsenbehälter Set -
12 Stück - Kontaktlinsendose
Jahresvorrat - ideal für unterwegs ...

★★★★☆ ~ 844

8,95€ (0,75 €/stück)

8,50 € mit Spar-Abo Rabatt
Lieferung bis **Donnerstag, 11. Mai**
GRATIS-Versand für Bestellungen ab
39,00 € und Versand durch Amazon

Klein-Unternehmen



MoKo Brillenetui, Doppelseitiges
Brillenetui mit Spiegel Tragbar
Kratzfest Doppelteui für Brillen...

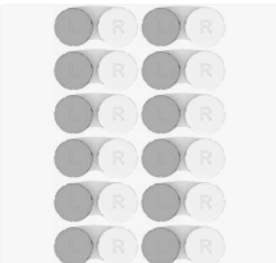
★★★★☆ ~ 2.305

13,99€

Lieferung bis **Morgen, 9. Mai**
GRATIS-Versand für Bestellungen ab
39,00 € und Versand durch Amazon



laeeyin Kontaktlinsenbehälter
Tragbar Hygiene
Kontaktlinsenbehälter Reise-Set Mit
Spiegel für tägliche Ausflüge wie...



Kontaktlinsenbehälter 12 Pack.
Jahresvorrat. 2020 Verbessertes
Design/Qualität

★★★★☆ ~ 276

8,99€ (0,75 €/stück)



Exbrith 2 Stück Mini Kontaktlinsen
Box, Kontaktlinsenbehälter mit
Spiegel, Kontaktlinsen
Aufbewahrung, Wiederverwendbar,...

★★★★☆ ~ 10



Gobesty 10 Stück
Kontaktlinsenbehälter, Kontaktlinsen
Soaking Case, Manuelle
Kontaktlinsenreiniger, Kontaktlinse...

★★★★☆ ~ 10



Jinlaili 20PCS Kontaktlinsenbehälter,
Schutzhülle zu Kontaktlinsen und
integriertem Spiegel, Kontaktlinsen,
Brillenetui Tragbar, Reise...

★★★★☆ ~ 10



Healifty Kontaktlinsenbehälter, süßes
Obst-Kontaktlinsenbehälter,
Aufbewahrungsbox, Reise-Set, 6
Stück (Pinzette und Applikator-Set...

★★★★☆ ~ 6

6,85€

GRATIS-Versand für Bestellungen ab
39,00 € und Versand durch Amazon



WLLHYF 3 Pcs
Kontaktlinsenreinigungsmaschine,
Kontaktlinsenbehälter manuell
tragbar Augenkontakte farbige...

★★★★☆ ~ 16

6,99€

GRATIS-Versand für Bestellungen ab
39,00 € und Versand durch Amazon



Kontaktlinsenbehälter Froggy
★★★★☆ ~ 84

5,39€

Lieferung bis **Donnerstag, 11. Mai**
GRATIS-Versand für Bestellungen ab
39,00 € und Versand durch Amazon
Nur noch 10 auf Lager
Andere Angebote
3,05 € (5 neue Artikel)



MoKo Brillenetui, Doppelseitiges
Brillenetui Kontaktlinsenetui
Kontaktlinsenbehälter mit Spiegel...

★★★★☆ ~ 2.305

14,99€

Lieferung bis **Morgen 13 Uhr**
GRATIS-Versand für Bestellungen ab
39,00 € und Versand durch Amazon



Antimikrobieller
Kontaktlinsenbehälter (SynergiGP)
für formstabile (harte) Kontaktlinsen

★★★★☆ ~ 38

9,49€ (9,49 €/stück) Statt: 9,98€

Lieferung bis **Donnerstag, 11. Mai**
GRATIS-Versand für Bestellungen ab
39,00 € und Versand durch Amazon
Nur noch 19 auf Lager

Prompt examples (excerpt)

You are given a list of brands that I want to be classified and scored, so that I can filter these to fit my priorities. The criteria and data follow below.

Brand names to analyze:

- Bausch + Lomb
- Exbrith
- Gobesty
- Healifty
- Jinlaili
- laeeyin
- LeFeirr
- metaglo
- MoKo
- Silverdew
- Solocare
- Sports Vision
- Tampen
- WLLHYF

Positive criteria:

- Vendor name resembles a real EU/Germany based vendor (if known)
- Vendor name consists of real english words
- Vendor name consists of phonemes/syllables that are close to english language
- Vendor name word parts sound like US or european words

Negative criteria:

- Vendor name uses non-sense gibberish letters
- Vendor name does not consist of a phoneme (rather consonants)
- Vendor name is a real chinese word (transcribed in english alphabet)
- Vendor name word parts sound like east asian or chinese word

Rules

- For each positive criteria, raise the score +1. For each negative, lower the score -1.

Prompt design process:

1. Analyze brands manually (good/ bad)
2. Figure out what is distinctive and descriptive
3. Research and expand own knowledge (here: language phonetics about Asian, esp. Chinese)
4. Formulate prompt questions

Prompt design concept:

1. Get answer for a bunch of questions with yes/ no as boolean values.
2. Output these as structured format for proper data processing (e.g. JSON).
– *Not displayed here*

ChatGPT is notoriously bad with math. However, just judging each individual question with 1|0, and outputting raw data e.g. as JSON, would then enable developers to come to the proper conclusions.

This would be easy to realize via the OpenAI API, and given the performance being good enough, this could be applied almost real time.

Thinking ahead: The results can be used to target the website's elements that contain 'undesired' data and hide or remove it, on every user interaction as required.

Thinking far ahead: Using ChatGPTs LLM ability to train a unique own model, e.g. via Tensorflow, that then understands the brand name phonetics/ syntax on its own, coming up with proper ratings much faster than any external API. The compiled model of such nature could be embedded in an application.

This example has been crafted for a particular personal use case. However, it might be challenging to apply it to a broader scale.

e.g. in the given use case, cryptic and Asian sounding brands are determined as 'undesired', just because from the fact, that this is often the case for German consumers (speaking of fake products, low quality, or waiting weeks until products arrive). This partially biased judgement might not apply to all scenarios, markets, and also might blatantly filter totally ok/ safe brands and products out of sight.

Can you now output the same list with a different layout:

- Rows = Brand (unique)
- Column = Total score (all combined)

Certainly! Here is the same list with a different layout, showing each brand with its total score:

Brand	Total Score
Bausch + Lomb	.4
Solocare	3
Sports Vision	3
Exbrith	0
Gobesty	-2
Healifty	-2
Jinlaili	-2
laeeyin	-2
LeFeirr	-2
metaglo	0
MoKo	-1
Silverdew	2
Tampen	1
WLLHYF	-1