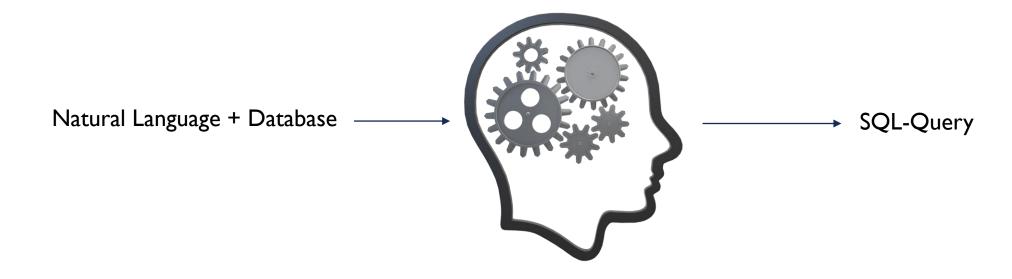


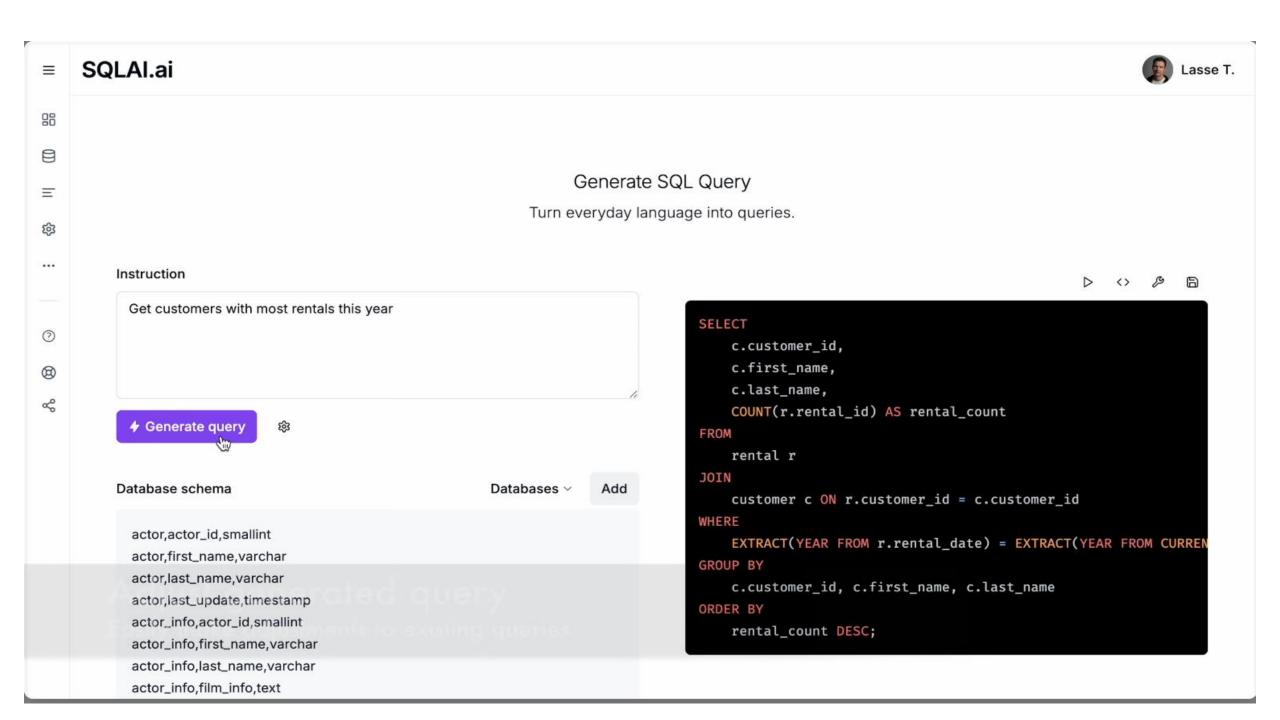
NATURAL LANGUAGE MEETS DATABASE:

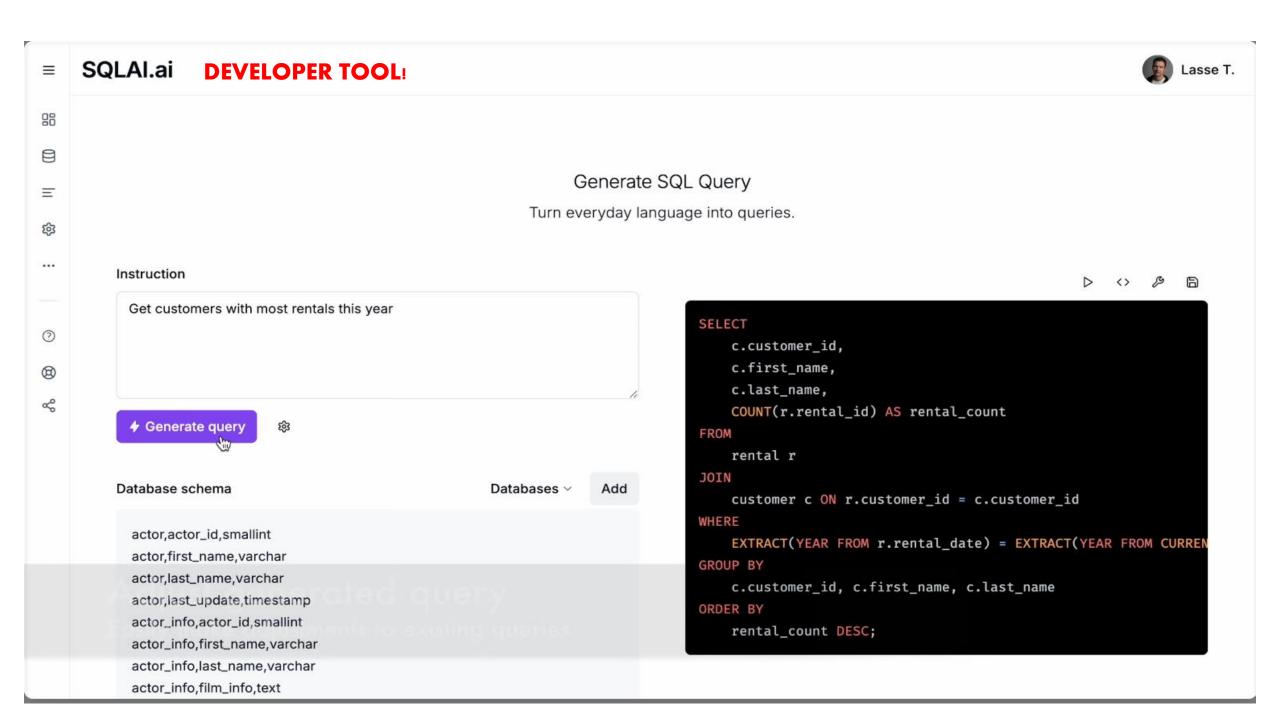
SYSTEM TRANSPARENCY AND USER UNDERSTANDING IN NL-TO-SQL TRANSLATION

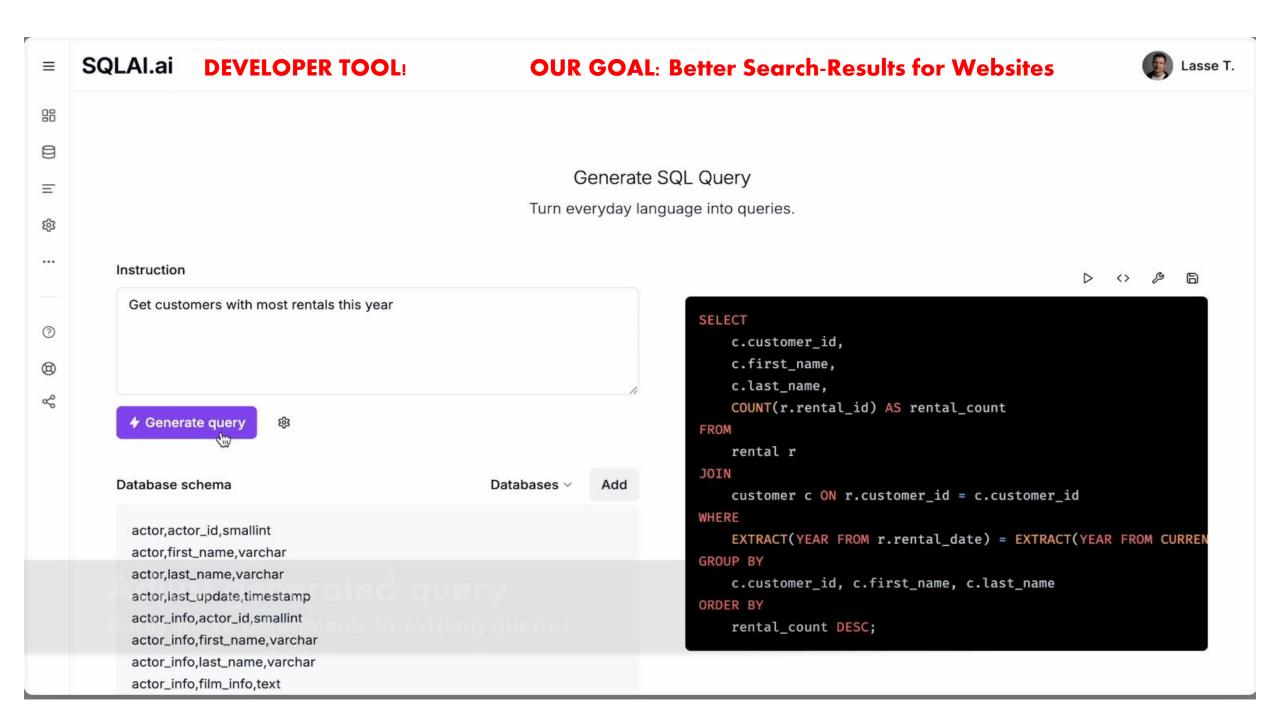
NATURAL LANGUAGE MEETS DATABASE:

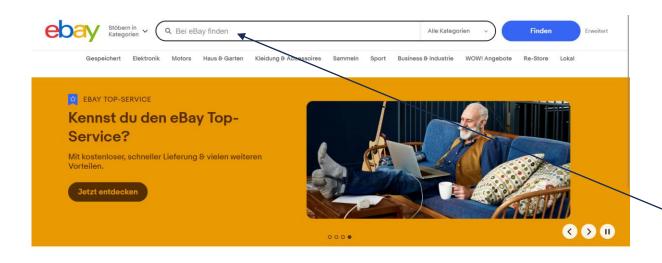
SYSTEM TRANSPARENCY AND USER UNDERSTANDING IN NL-TO-SQL TRANSLATION











Sneaker-Trends



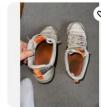
Louis Vuitton LV Trainer Original Gr. 44

EUR 477,33



Nike Air Jordan 4 SE Craft

Medium Olive (GS) | Sneaker... EUR 109,99



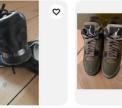
nike air force 144 usate

EUR 75,00



Gr.41

EUR 159,00



EUR 130,00

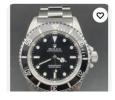
Static SQL-Template most likely used

Uhren-Trends













Phanto

EUR 18

All Televisions except for the brand CAT

SELECT * FROM ITEMS I
WHERE I.DESCRIPTION LIKE
,,'% + user.input + ,,'%"

All Televisions except for the brand CAT

SELECT * FROM ITEMS I WHERE I.DESCRIPTION LIKE ,%Red t-shirts under 20€%'

All Televisions except for the brand CAT

SELECT * FROM ITEMS I WHERE I.DESCRIPTION LIKE

",," + user.input + ",","

SELECT * FROM ITEMS I
WHERE I.DESCRIPTION LIKE
,%All Television except for the
brand CAT%'

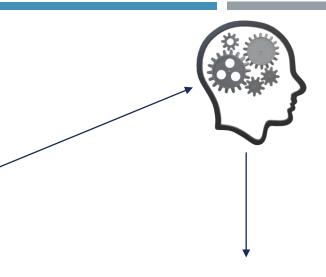
NOW WITH AGENT TRANSLATING TO SQL

All Televisions except for the brand CAT



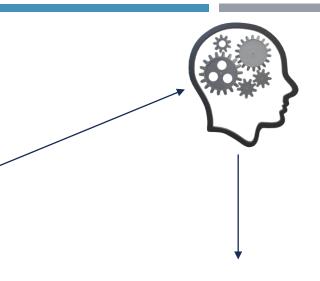
SELECT * FROM ITEMS I WHERE I.DESCRIPTION LIKE ,%Red t-shirts%' AND I.PRICE < 20

All Televisions except for the brand CAT



SELECT * FROM ITEMS I
WHERE I.CATEGORY =
"Television" AND I.ID NOT IN
(SELECT ID FROM ITEMS
WHERE ITEMS.CATEGORY =
"Television" AND
ITEMS.BRAND = "CAT")

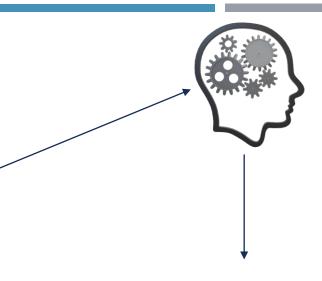
All Televisions except for the brand CAT



SELECT * FROM ITEMS I
WHERE I.CATEGORY =
"Television" AND I.ID NOT IN
(SELECT ID FROM ITEMS
WHERE ITEMS.CATEGORY =
"Television" AND
ITEMS.BRAND = "CAT")

WHERE ARE WE?

All Televisions except for the brand CAT



SELECT * FROM ITEMS I
WHERE I.CATEGORY =
"Television" AND I.ID NOT IN
(SELECT ID FROM ITEMS
WHERE ITEMS.CATEGORY =
"Television" AND
ITEMS.BRAND = "CAT")

WHERE ARE WE? -> DEMO-TIME

WHAT WE HAVE DONE

- Working Al
- Docker Environment
- System-Prompt that uses a RAG

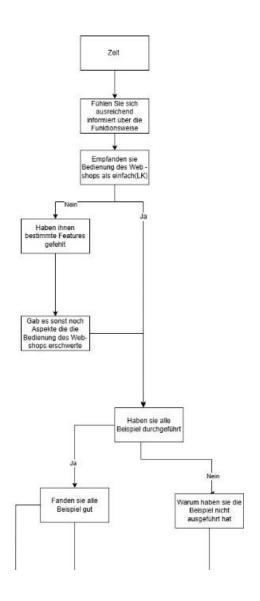
WHAT NEEDS TO BE DONE

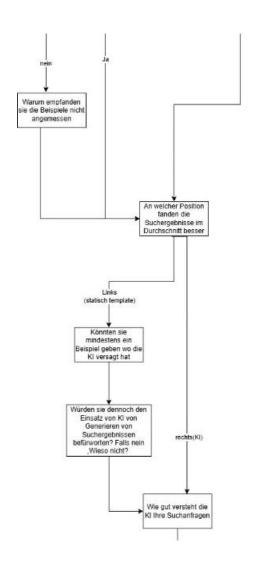
- Create a UI that allows for a side by side comparison
- Convey a survey based on the UI

UI POC ("WEBAY")

Search Field Submit Optional Search-Results with Search-Results with Filters static Template SQI

(Dynamic)-Survey Template









VIELEN DANK