# Lifehack-Engine

Project Presentation – Information Retrieval SoSe 2019 Franziska Görg & Miriam Amin 4/6/19

# Goal

- schnelle Hilfe im Alltag
- Mehr oder weniger sinnvolle Tipps zu Stichworten finden

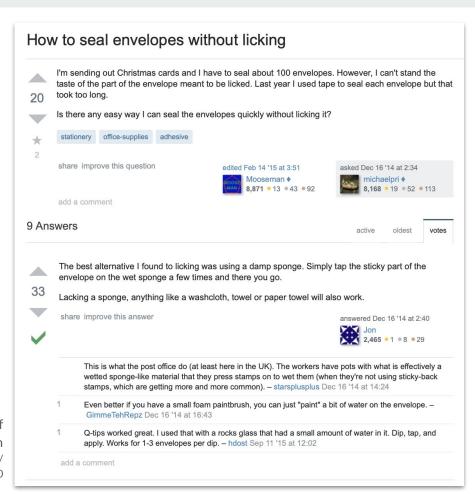
### **Datensatz**

- Fragen und Antworten von lifehack.stackoverflow.com
- Download als zip von archive.org
- insgesamt 2375 Dokumente
- ein Dokument umfasst u.a. Titel,
   Frage, Antworten und Kommentare

Abb. 1: Screenshot eines Posts mit Titel, Frage, Antwort und Kommentaren auf lifehacks.stackexchange.com

https://lifehacks.stackexchange.com/questions/1862/

how-to-seal-envelopes-without-licking/7580#7580



### **Datenstruktur**

### variables of interest:

- answers
- comments
- title
- body

Alle comments und answers werden zusammen in einem Feld gespeichert, Zuordung und Abgrenzung ist also nicht möglich, aber auch nicht notwendig für den Zweck der Suche

Name	Туре	Format	Searchable	Aggregatable
_id	string		•	•
_index	string		•	•
_score	number			
_source	_source			
_type	string		•	•
accepted_answer	string		•	
accepted_answer_score	number		•	•
answer_score	number		•	•
answers	string		•	
body	string		•	
categorie	string		•	•
comment_score	number		•	•
comments	string		•	
creation_date 🕒	date		•	•
id	string		•	
link	string		•	
score	number		•	•
title	string		•	
viewcount	number		•	•

# Corpusstatistik

Feld	Anzahl	durchschnittliche Zeichenzahl
title	2375	48
body	2375	481
answers	2375	1754
comments	2375	1024

Tab 1: Anzahl Felder & durchschnittliche Zeichenzahl

## Technology stack & code resources

- Backend: Flask
- Frontend: HTML, CSS
- Document Store, Indexing: ElasticSearch, Kibana

### **Current status**

Data Aquisition

Data Analysis 🗸

Technology Stack

Vertical Prototype

Refined Prototype

## **Prototype**

clean carpet
Search

#### Cleaning/removing wax from carpet

Lifehacks, 2015-01-08

Someone has spilled hot candle wax on the carpet again. How can I remove it? Vacuuming doesn't seem to work, it breaks up the wax a bit, but not enough to pull it free from the carpet fibers and I would rather not have to rent a steam cleaner.

### How to effectively and regularly clean 1200sqft of carpet?

Lifehacks, 2015-11-16

I live in a ~1200 square feet (~110 square meters) apartment which has carpet (cable style, very plush) on the floors (except bathroom / kitchen). I have a bag-less Dirt Devil vacuum cleaner which has a rotating brush. Unfortunately, due to the size of the apartment the cleaner tends to overheat and shut down. Also, fairly quickly, the brush collects a lot of hair and needs to be cleaned repeatedly . I have seen a recommendation to use a squeegee to remove the hair from the carpet . However, that only addresses the hair - and I wouldn't want...

#### Reducing carpet dust without removing the carpet

Lifehacks, 2017-02-05

I have a room with a carpet, and it's dusty. Rooms without carpet get less dusty, and dust allergy advise is always to get rid of carpets. Unfortunately I have other health issues that make it difficult to remove the carpet, so other than paying someone to move all my stuff and lay a nice hard floor, what options are there for reducing the impact on dust and my health? I already have a Dyson vacuum and it never fails to remove a lot of dust, much of it very fine like talcum powder.

#### Fixing burned carpet

Lifehacks, 2018-11-09

I was recently trying to get candle wax off my carpet using iron which was affective but I forgot that I was running out of paper and that left a burn on my carpet which I m sad about as I am a on rent. How can I removed the black burn area without discolouring or damaging the carpet?