Accio

New stories from existing articles with RAG

UseCase: Write background text to a news message

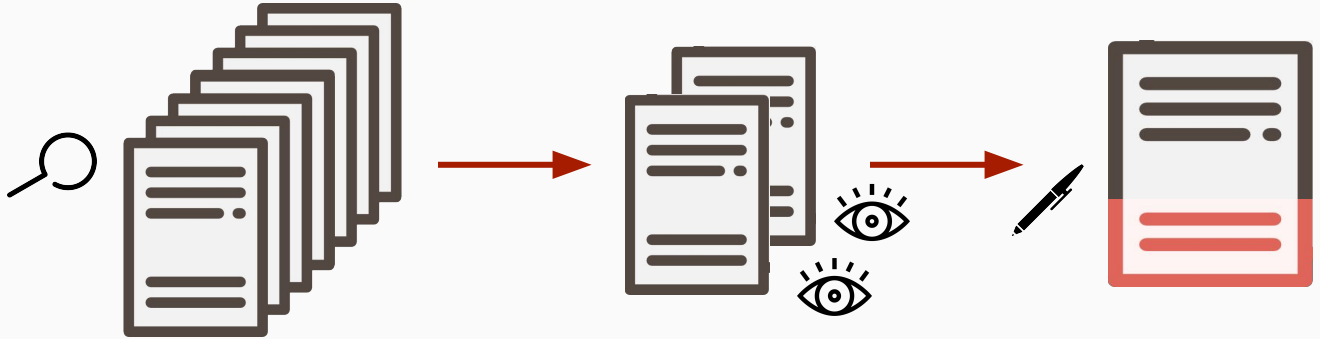
Extreme weather increases accident risks in the mountains (17.07.24)
Most accidents in the mountains happen while hiking in the summer season. Extreme weather conditions now bring additional dangers.
(3840 characters in total)

What have we already written about this?

Current Workflow

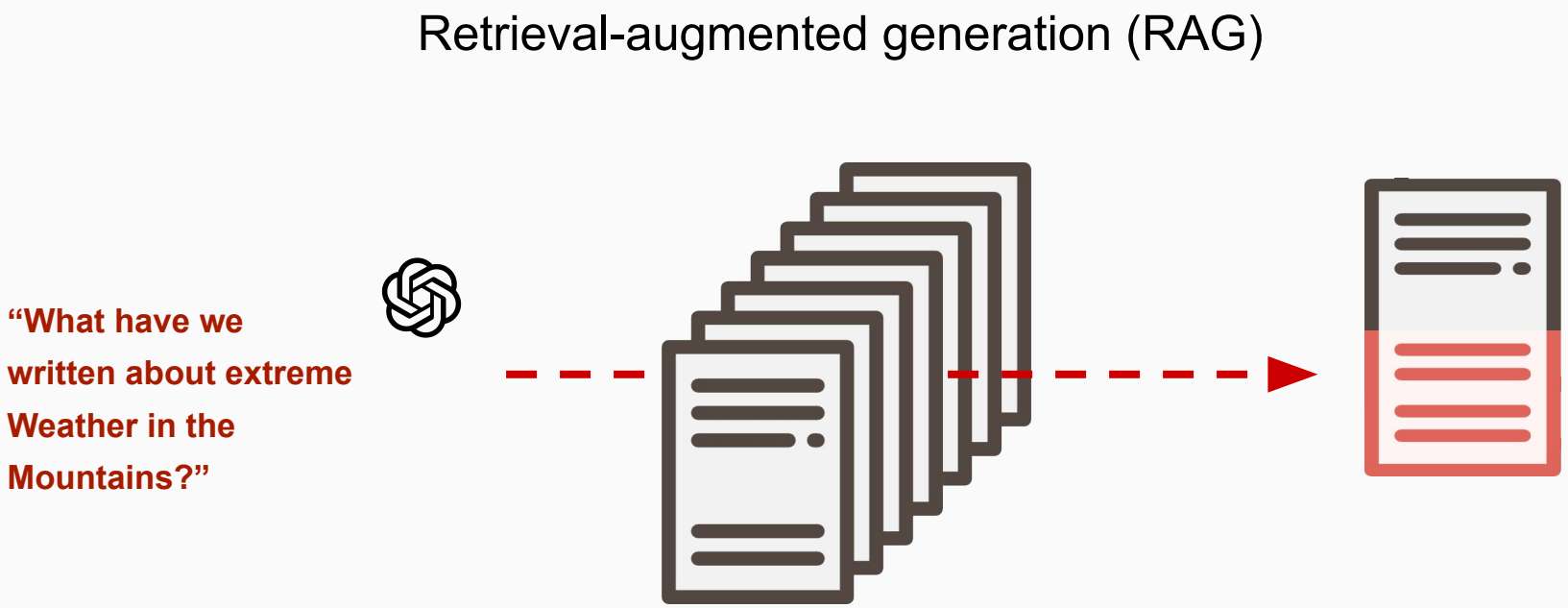
Extreme weather increases accident risks in the mountains.

“Extreme Weather Mountains”



- **Time consuming** manual search for only a small number of topics with limited key words
- **Personal bias** of the editor which topic aspect is important
- **Manually editing** of background information

How could Retrieval-augmented generation (RAG) help?



Prompt for questions from dpa message

Extreme weather increases accident risks in the mountains

Question Prompt

“You are an AI assistant in an editorial office at Bayerischer Rundfunk and you work for the BR24 news site. BR24 produces news for people in Bavaria.

Your task is to formulate questions for our readers based on reports from the German Press Agency (dpa).

Analyze the dpa text and develop 5 questions to search the BR24 archive for previously published articles.”

Questions from dpa message

Extreme weather increases accident risks in the mountains

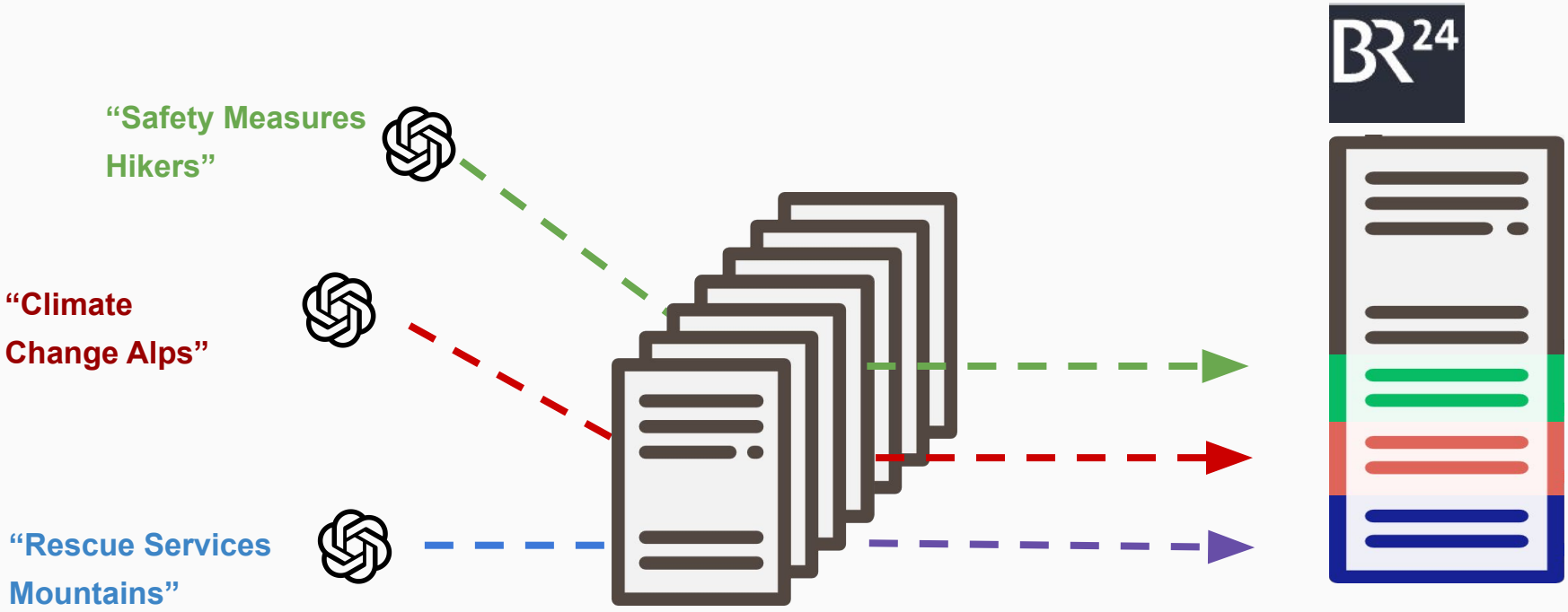
1. How has **climate change** affected safety and conditions for hikers in the Bavarian **Alps**?

2. What **safety measures** should **hikers** take in the event of suddenly changing weather conditions?

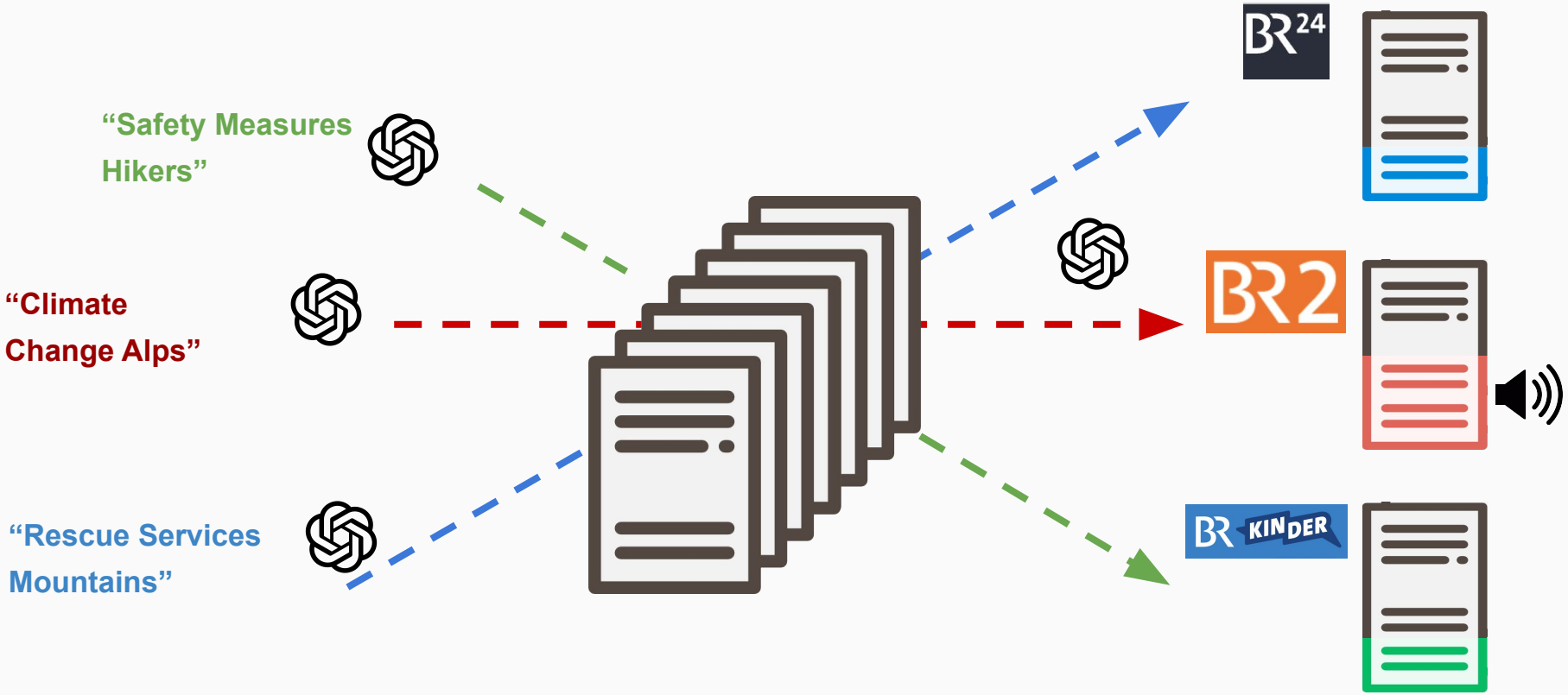
3. How do **rescue services** in Bavaria **prepare** for extreme weather events in the **mountains**?

4. Are there any statistics or reports on the most **common** causes of **accidents** when **hiking** in the Bavarian Alps?

How does RAG help us?



How could RAG help?



Questions from dpa message 2

With a rifle in Rosenheim city center (17.07.24)
Emergency call for the police: A man is said to be walking around with a rifle. Several patrols were then deployed in Rosenheim. What happened? (800 Charcters)

1. What **rules** and regulations apply to the **transportation** of air **rifles** in Bavaria?

2. How often is the **Weapons Act violated** in Bavaria and what are the **penalties**?

3. What safety precautions and **measures** do the **police** in Bavaria take in the event of an emergency call about an **armed person**?

Features & Current Issues

- **Features**
  - Generate background information for different personas
  - Automate production of background texts
  - Better exploration of archived content
- **Current Issues**
  - Texts must be checked editorially or by an AI
  - Requires a large database of verified data

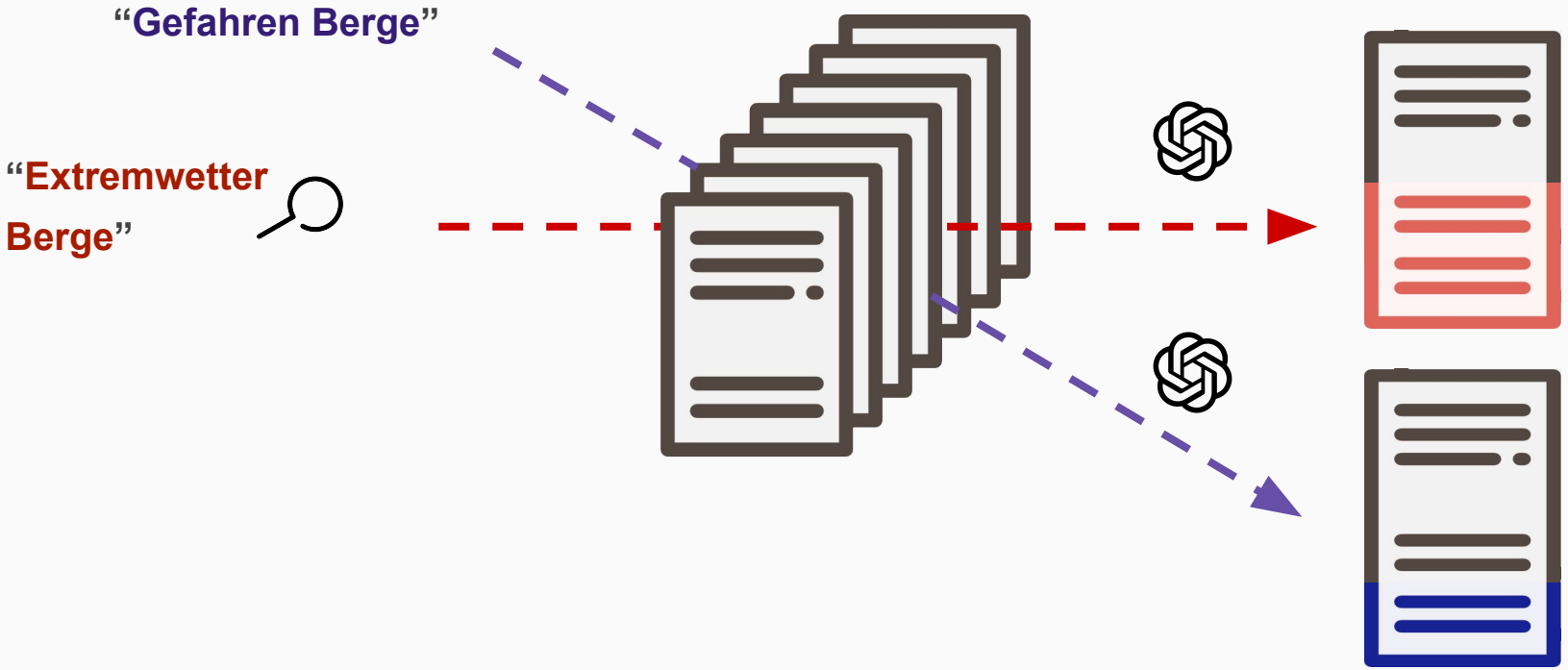
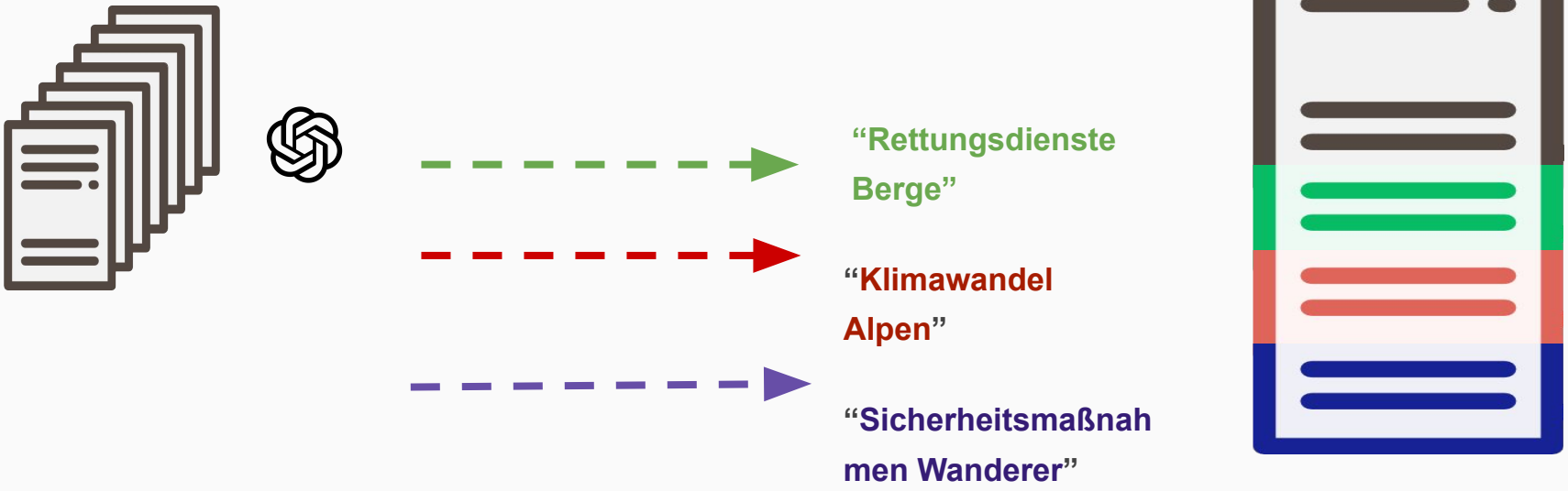
Perspective

- Move towards dialogue based User <-> Broadcaster Experience
- Create public formats like an “Oktoberfest Visitors Helper”
- Expand database with verified content
  - Transcribe audiovisual content
  - Content of other ARD Members

Thank you!

Wie hilft uns RAG?

Extreme weather increases dangers in the mountains (17.07.24)



Wie hilft uns RAG?