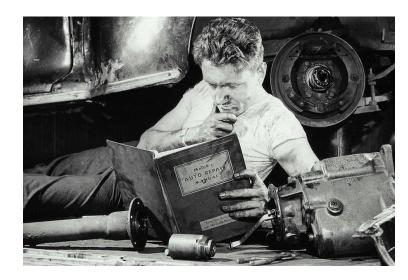
Demo day - MechAlnic

Problem? Mechanics nowadays handles lot of different vehicles.

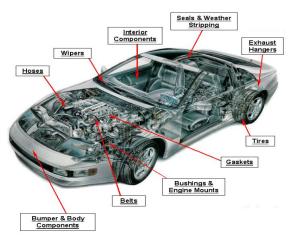
- Requires research
- Need to step back from doing repairing
- instead go look for information like searching in auto repair manuals



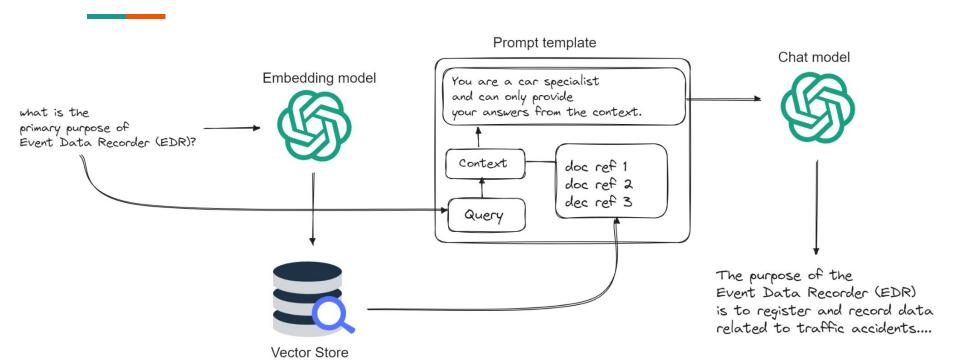
Source: https://shorturl.at/hnGPT

Solution - Make use of a rag system and assistant/tooling

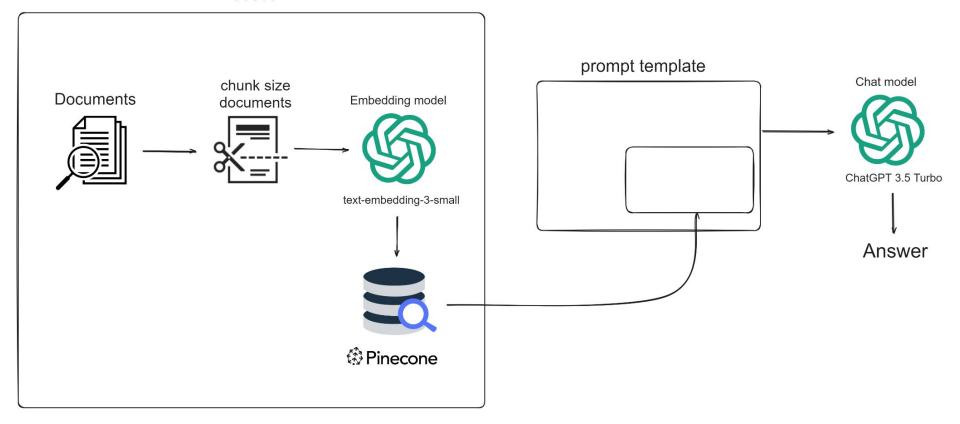
- Use a RAG system to prompt about certain vehicles.
 - repair manuals.
 - manifactures car parts (experiment)
 - look up Car parts availability
 - order parts



Source: https://shorturl.at/tZ258



Process



So how would mecAlnic look like in practice?

Welcome to mecAlnics Here you can search information about cars! Try it out!

What is the next step?

- Validating the mechAlnic RAG system
 - How well does the MecAlnic RAG perform on question answering?
- Experiment with using assistants and see how that fit in with the RAG system



Mecainic RAG evaluation - e167f2f0

Input	Reference Output	#1 Mecainic RAG evaluation -e1671210 →	₹
question: how do you manage the centre display?	must_contain: - centre display - display	response: content: To manage the centre display, you can control and regulate many of the car's functions through the touch screen interface. The screen reacts differently to act like dragging, suping, or tapping. You can interact with the screen using gestures like pressing once to highlight an object, pressing twice to zoom in, and pressing and ing to grab and move objects. Additionally, messages in the centre display can inform or assist the driver, with some requiring acknowledgment or action before they disa additional_kwargs: {} response_metadata: token_usage: completion_tokens: 94 prompt_tokens: 1100 total_tokens: 1194 model_name: gpt-3.5-turbo system_fingerprint: fp_3bclb5746c finish_reason: stop logprobs: null type: ai	nd hold
#3a5f @ Mecainic - evaluation dataset 6d686d39		© 4.08s ⊘ SUCCESS © 1,194	Open Run
question: how do I adjust the door mirrors?how do I lower t he backrests in the rearseat?how do I lock and unlock the c ar?what is a care key?	must_contain: - door mirrors - door - mirrors	To change the setting for retractable rearview mirrors* when locking: 1. Tap on Settings in the centre display's top view. 2. Press My Car Mirrors and	

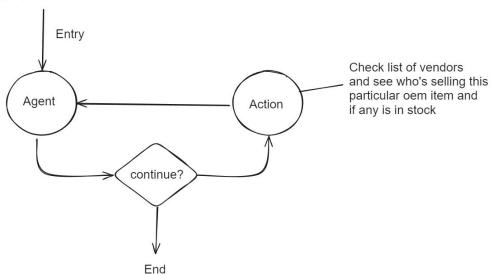
() Compare Tests

3. Select Fold Mirror When Locked to activate or deactivate the function. © CORRECTNESS → © COT CONTEXTUAL ACCURACY → © HELPFULNESS → © MUST_CONTAIN: 0 Showless #429b @ Mecainic - evaluation dataset 6d686d39 © 5.76s ⊘ SUCCESS ⊝ 1,871 question: what is the primary purpose of Event Data Recorde | must contain: The driver's use of the accelerator or brake - EDR

MThe travel speed of the vehicle

Experiment - car parts availability & order?

So what is the order time for taillight part number 102345...



That's it folks! Thanks for listening!

