

Document 4:

released here we go again... now these are just rumors.. so dont quote me. New Integra supposedly wedge shaped again. 175 hp and all-wheel drive in top models. Then a variant called the zx-r comes later. (roadster?). i think it gets unveiled at end of summer.

ChatGPT replied with the following answer:

“Given the content of each document, I'll classify them as follows:

- Document 1: This document discusses a legal matter involving an individual and Ford, which is an automobile company. The mention of Ford directly links the content to automobiles. Therefore, this document would be classified as 'auto.'
- Document 2: This document contains very little information and does not provide any context that can be directly linked to either motorcycles or automobiles. Without any relevant information, this document would fall under 'Could not classify.'
- Document 3: The discussion revolves around the initial break-in period for an EX-500 motorcycle, mentioning motor oils, motorcycle engines, and specific riding advice. This document is clearly related to motorcycles, so it would be classified as 'motorcycle.'
- Document 4: This document talks about the New Integra, mentioning horsepower and all-wheel drive, which are characteristics related to automobiles. The document also hints at a future unveiling, which is common for new car models. Therefore, this document is classified as 'auto.'”

Therefore, ChatGPT was able to correct the mistakes of the Naïve Bayes model by accurately labelling documents 1 and 4 as ‘auto’ and document 3 as ‘motorcycle’. It also could not identify which category document 2 should belong to, which makes sense upon close inspection of the content of that document.

I also asked Claude the same question with the same prompt. Its response is as follows:

“Document 1: Could not classify. This document seems to be discussing legal issues with Ford, but does not clearly relate to motorcycles or automobiles.

Document 2: Could not classify. This is just a short textual expression without any clear relation to motorcycles or automobiles.

Document 3: Motorcycle. This document discusses breaking in a new motorcycle engine (EX-500 model) and following the recommended procedures during the initial mileage.

Document 4: Auto. This document appears to be discussing rumors about a new Acura Integra model, which is an automobile, not a motorcycle. It mentions details like horsepower, all-wheel drive, and a potential roadster variant.”

Claude agreed with ChatGPT on documents 2, 3, and 4. For documents 3 and 4, it correctly identified the proper label. But for document 1, unlike ChatGPT, it could not ascertain that this document belonged to the ‘auto’ category. Based on these results, ChatGPT may be slightly better suited for this task than Claude. Both LLMs were able to label these 4 test documents more accurately than the Naïve Bayes model, but this sample size is likely not sufficient to say that they are definitively more accurate than the Naïve Bayes model for this task.