

Enhancing Legal Assistance using HPCC systems

Date	Problems	Suggestions	Solution
Feb 14, 2024	Concern about source and accuracy of the model.	Validate model on a smaller dataset tagged by students. Auto update dataset regularly. Find out the source of the dataset on which the model was trained on.	The model was tested on our own dataset and the accuracy of the model was very close to the claimed values. The model was trained on a dataset that was annotated by data scientists and lawyers from Open-Ny-AI.
Mar 13, 2024	Shortcomings about the query significant turnaround time in searching (18 seconds).	Use indexed searching to fetch the record quicker	The keywords in the datasets were indexed for quicker access and retrieval.
Apr 10, 2024	Inconsistency in query outputs.	Use an index object rather than dataset object to fix the query errors The idea of auto-updating the dataset was dropped due to billing.	There were some errors when the index files were generated, due to which there was an inconsistency. But now it's rectified.
15 May 2024	Suggestion from the lawyer	Concatenating related keywords will help improve search results relevance.	This task has been completed.