

POST /document_summarizer Pdf Summary

Parameters

Cancel

Reset

No parameters

Request body required

multipart/form-data

file * required

string (binary)

Choose File LLM_Fine_Tuned_News.pdf

query * required

string

string

Execute

Clear

Responses

Curl

```
curl -X 'POST' \
  'http://127.0.0.1:8000/document_summarizer' \
  -H 'accept: application/json' \
  -H 'Content-Type: multipart/form-data' \
  -F 'file=@LLM_Fine_Tuned_News.pdf;type=application/pdf' \
  -F 'query=string'
```

Request URL

http://127.0.0.1:8000/document_summarizer

Server response

Code

Details

200

Response body

"The document focuses on the challenges faced by traditional news summary generation methods and introduces a new approach using Large Language Models (LLMs) to enhance accuracy and reliability. It highlights the importance of news summary generation in conveying event topics concisely for intelligence analysis and decision-making. The proposed method involves extracting event patterns from news paragraphs using LLMs and a genetic algorithm, resulting in improved summaries. The document discusses event extraction in natural language processing, emphasizing the structured representation of events for text generation. It details the development of a News Summary Generator (NSG) utilizing LLMs to overcome data scarcity limitations and improve summarization efficiency. Contextual fine-tuning with genetic algorithms is introduced to enhance LLM performance for news summary generation, with fitness evaluation and meta-role assessment for accuracy. Experimental results demonstrate the effectiveness of combining LLM with NSG in generating higher-quality news summaries compared to traditional methods. The approach addresses interpretability issues and enhances credibility by incorporating event models, improving the understanding and reliability of generated summaries. A comprehensive list of references covers advancements in language understanding, natural language generation, and techniques for enhancing various NLP tasks. The collation of research endeavors showcases innovation in language models and techniques for improved comprehension."

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Response headers