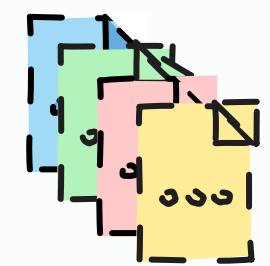


DIVER-DChunk



provided documents

clean

rechunk



new documents

DIVER-QExpand

Query

Q1

Q2

Q3

...

final Q

DIVER-Rerank

Query

Doc1

score1

Query

Doc2

score2

⋮

⋮

⋮

Query

Doc100

score100

DIVER-Rerank-Pointwise

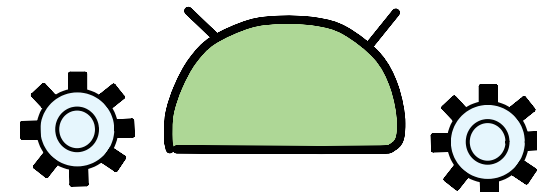
Query

Doc1
Doc2
⋮
Doc100

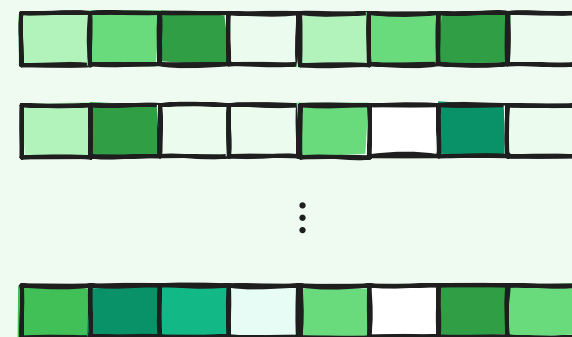
Doc4
Doc1
⋮
Doc53

DIVER-Rerank-Listwise

BM25 Retriever



DIVER-Retraver

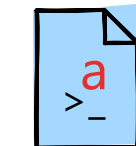


Retrieval

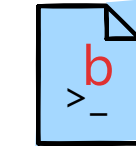
Scores

TOP-100 DOCs

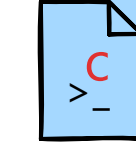
DOCs Rank



1



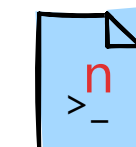
2



3

⋮

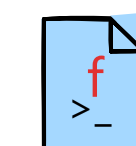
⋮



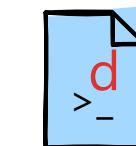
100

TOP-10 DOCs

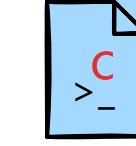
DOCs Rank



1



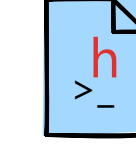
2



3

⋮

⋮



10

Merge