



sorted result list

1. p 1
2. cl 1
3. cl 2
4. p2
5. p3

expand / blow up

extended result list

1. p 1
2. ch 1 (cl 1)
3. ch 2 (cl 1)
4. ch 4 (cl 1)
5. ch 8 (cl 2)
6. ch 9 (cl 2)
7. p2
8. p3

re-rank ==>  
sort by cosine distance  
from query vector

re-rank ==>  
LLM reranker

1. ch 4 (cl 1)
2. ch 2 (cl 1)
3. p 1
4. ch 1 (cl 1)
5. ch 8 (cl 2)
6. p2
7. ch 9 (cl 2)
8. p3

select top  $n$

summarizer

1. ch 4 (cl 1)

2. ch 2 (cl 1)

3. p 1