

Claim(C): The Kentucky Department of Corrections is headquartered along the Kentucky River.

Entity Extraction

Entities Set(E): e_1, e_2, \dots, e_K

Corpus Retrieval



Relevant Paragraphs(R)



Redundant Information Filtering



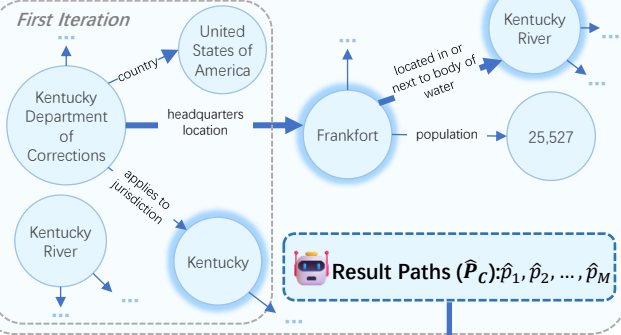
Summary(S): ...The agency's headquarters is located in the Health Services Building in Frankfort, Kentucky. The county is situated next to the Kentucky River ...

Prediction(Y_p): Support ✓

Reason(Y_e): Both pieces of evidence confirm that the headquarters of the Kentucky Department of Corrections is located in Frankfort, Kentucky, which is situated next to the Kentucky River. Evidence1 specifically mentions that the headquarters of the Kentucky...

G -th Iteration Knowledge Graph Retrieval

First Iteration



LLM World Knowledge Conversion



LLM

l_1 : The Kentucky Department of Corrections' official website provides the address of its headquarters: 275 East Main Street, Frankfort, KY 40601. This location is indeed in Frankfort, which is situated near the Kentucky River...

Supplemental Evidence(L): l_1, l_2, \dots, l_o

Claim Verification