uv pip uninstall kiwipiepy krag numpy

uv pip install krag

<https://www.pinecone.io/learn/offline-evaluation/>

<https://github.com/Marker-Inc-Korea/AutoRAG>

<https://www.anthropic.com/news/contextual-retrieval>

<https://github.com/guardrails-ai/guardrails>

<https://github.com/huggingface/evaluation-guidebook>

from langchain\_openai import ChatOpenAI

from langchain\_google\_genai import ChatGoogleGenerativeAI

from langchain\_ollama import ChatOllama

# model = ChatGoogleGenerativeAI(

# model="gemini-2.0-flash",

# temperature=0,

# max\_tokens=None,

# timeout=None,

# max\_retries=2,

# # other params...

# )

model = ChatOllama(model="qwen3:0.6b")

# 모델

# model = ChatOpenAI(model="gpt-4.1-mini",temperature=0)

# 도구 목록

tools = [get\_weather, search\_db]

# 도구를 모델에 바인딩 (bind\_tools 메소드 사용)

model\_with\_tools = model.bind\_tools(tools)

# 사용자 쿼리를 모델에 전달하여 도구를 호출

result = model\_with\_tools.invoke("서울 날씨 어때?")

print(result)