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from swarm_models.gpt4_vision_api import GPT4VisionAPI

from swarms.prompts.multi_modal_autonomous_instruction_prompt import (
    MULTI_MODAL_AUTO_AGENT_SYSTEM_PROMPT_1,
)

from swarms.structs import Agent

llm = GPT4VisionAPI()

task = "What is the color of the object?"

img = "images/swarms.jpeg"

## Initialize the workflow

agent = Agent(
    llm=llm,
    sop=MULTI_MODAL_AUTO_AGENT_SYSTEM_PROMPT_1,
    max_loops="auto",
)

agent.run(task=task, img=img)
```