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from swarms import Agent, HuggingfaceLLM

from swarms.prompts.finance_agent_sys_prompt import (
    FINANCIAL_AGENT_SYS_PROMPT,
)

model = HuggingfaceLLM(
    model_id="meta-llama/Meta-Llama-3.1-8B",
    max_tokens=4000,
    temperature=0.1,
)

# Initialize the agent
agent = Agent(
    agent_name="Financial-Analysis-Agent",
    system_prompt=FINANCIAL_AGENT_SYS_PROMPT,
    llm=model,
    max_loops=1,
    autosave=True,
    # dynamic_temperature_enabled=True,
    dashboard=False,
    verbose=True,
    streaming_on=True,
    # interactive=True, # Set to False to disable interactive mode
    dynamic_temperature_enabled=True,
    saved_state_path="finance_agent.json",
    # tools=[Add your functions here# ],
```

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# stopping_token="Stop!",

# interactive=True,

# docs_folder="docs", # Enter your folder name

# pdf_path="docs/finance_agent.pdf",

# sop="Calculate the profit for a company.",

# sop_list=["Calculate the profit for a company."],

user_name="swarms_corp",

# # docs=

# # docs_folder="docs",

retry_attempts=3,

# context_length=1000,

# tool_schema = dict

context_length=200000,

# tool_schema=

# tools

# agent_ops_on=True,

# long_term_memory=ChromaDB(docs_folder="artifacts"),

)

agent.run(

    "What are the components of a startups stock incentive equity plan"

)

```