

```
import os
```

```
from swarms.prompts.finance_agent_sys_prompt import (  
    FINANCIAL_AGENT_SYS_PROMPT,  
)
```

```
from swarms.structs.agent import Agent
```

```
from swarm_models import OpenAIChat
```

```
# Example usage:
```

```
api_key = os.getenv("GROQ_API_KEY")
```

```
# Model
```

```
model = OpenAIChat(  
    openai_api_base="https://api.groq.com/openai/v1",  
    openai_api_key=api_key,  
    model_name="llama-3.1-70b-versatile",  
    temperature=0.1,  
)
```

```
# Initialize the agent
```

```
agent = Agent(  
    agent_name="Financial-Analysis-Agent_sas_chicken_eej",  
    system_prompt=FINANCIAL_AGENT_SYS_PROMPT,  
    llm=model,  
    max_loops=2,  
    autosave=True,
```

```
dashboard=False,  
verbose=True,  
dynamic_temperature_enabled=True,  
saved_state_path="finance_agent.json",  
user_name="swarms_corp",  
retry_attempts=1,  
context_length=200000,  
)
```

```
out = agent.run(  
    "How can I establish a ROTH IRA to buy stocks and get a tax break? What are the criteria"  
)  
print(out)
```