

```
import os
```

```
from swarms import Agent
```

```
from swarm_models import OpenAIChat
```

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

```
# Get the OpenAI API key from the environment variable
```

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

```
# Create an instance of the OpenAIChat class
```

```
model = OpenAIChat(  
    api_key=api_key, model_name="gpt-4o-mini", temperature=0.1  
)
```

```
# Initialize the agent
```

```
agent = Agent(  
    agent_name="Financial-Analysis-Agent",  
    system_prompt=FINANCIAL_AGENT_SYS_PROMPT,  
    llm=model,  
    max_loops="auto",  
    autosave=True,  
    dashboard=False,  
    verbose=True,  
    streaming_on=True,
```

```
# interactive=True, # Set to False to disable interactive mode

saved_state_path="finance_agent.json",

# tools=[Add your functions here# ],

# 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,

interactive=True,

# agent_ops_on=True,

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

)

agent.run("What are the best states to register a C CORP in?")
```