

```
from swarms import Agent

from swarms.prompts.finance_agent_sys_prompt import (
    FINANCIAL_AGENT_SYS_PROMPT,
)

from swarm_models import OpenAIChat

model = OpenAIChat(model_name="gpt-4o")

# Initialize the agent

agent = Agent(
    agent_name="Financial-Analysis-Agent",
    agent_description="Personal finance advisor agent",
    system_prompt=FINANCIAL_AGENT_SYS_PROMPT
    + "Output the <DONE> token when you're done creating a portfolio of etfs, index, funds, and
more for AI",
    max_loops=1,
    llm=model,
    dynamic_temperature_enabled=True,
    user_name="Kye",
    retry_attempts=3,
    # streaming_on=True,
    context_length=8192,
    return_step_meta=False,
    output_type="str", # "json", "dict", "csv" OR "string" "yaml" and
    auto_generate_prompt=False, # Auto generate prompt for the agent based on name, description,
```

and system prompt, task

```
    max_tokens=4000, # max output tokens

    # interactive=True,

    stopping_token="<DONE>",

    saved_state_path="agent_00.json",

    interactive=False,

)
```

```
async def run_agent():
```

```
    await agent.arun(

        "Create a table of super high growth opportunities for AI. I have $40k to invest in ETFs, index funds, and more. Please create a table in markdown.",

        all_cores=True,

    )
```

```
if __name__ == "__main__":
```

```
    import asyncio
```

```
    asyncio.run(run_agent())
```