

```
import os
```

```
from dotenv import load_dotenv
```

```
# Import the OpenAIChat model and the Agent struct
```

```
from swarms import Agent, HuggingfaceLLM
```

```
# Load the environment variables
```

```
load_dotenv()
```

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

```
api_key = os.environ.get("OPENAI_API_KEY")
```

```
# Initialize the language model
```

```
llm = HuggingfaceLLM(
```

```
    model_id="codellama/CodeLlama-70b-hf",
```

```
    max_length=4000,
```

```
    quantize=True,
```

```
    temperature=0.5,
```

```
)
```

```
## Initialize the workflow
```

```
agent = Agent(
```

```
    llm=llm,
```

```
    max_loops="auto",
```

```
    system_prompt=None,
```

```
autosave=True,  
dashboard=True,  
tools=[None],  
)  
  
# Run the workflow on a task  
agent.run("Generate a 10,000 word blog on health and wellness.")
```