

# GooseAI LLM Example

## Contents

- Install openai
- Imports
- Set the Environment API Key
- Create the GooseAI instance
- Create a Prompt Template
- Initiate the LLMChain
- Run the LLMChain

This notebook goes over how to use Langchain with [GooseAI](#).

## Install openai

The `openai` package is required to use the GooseAI API. Install `openai` using `pip3 install openai`.

```
$ pip3 install openai
```

## Imports

```
import os
from langchain.llms import GooseAI
from langchain import PromptTemplate, LLMChain
```

[Skip to main content](#)

# Set the Environment API Key

Make sure to get your API key from GooseAI. You are given \$10 in free credits to test different models.

```
os.environ["GOOSEAI_API_KEY"] = "YOUR_KEY_HERE"
```

# Create the GooseAI instance

You can specify different parameters such as the model name, max tokens generated, temperature, etc.

```
llm = GooseAI()
```

# Create a Prompt Template

We will create a prompt template for Question and Answer.

```
template = """Question: {question}

Answer: Let's think step by step."""

prompt = PromptTemplate(template=template, input_variables=["question"])
```

# Initiate the LLMChain

```
llm_chain = LLMChain(prompt=prompt, llm=llm)
```

# Run the LLMChain

[Skip to main content](#)

```
question = "What NFL team won the Super Bowl in the year Justin Beiber was born?"  
  
llm_chain.run(question)
```