

PromptLayer OpenAI

Contents

- Install PromptLayer
- Imports
- Set the Environment API Key
- Use the PromptLayerOpenAI LLM like normal
- Using PromptLayer Track

This example showcases how to connect to [PromptLayer](#) to start recording your OpenAI requests.

Install PromptLayer

The `promptlayer` package is required to use PromptLayer with OpenAI. Install `promptlayer` using pip.

```
pip install promptlayer
```

Imports

```
import os
from langchain.llms import PromptLayerOpenAI
import promptlayer
```

[Skip to main content](#)

Set the Environment API Key

You can create a PromptLayer API Key at www.promptlayer.com by clicking the settings cog in the navbar.

Set it as an environment variable called `PROMPTLAYER_API_KEY`.

```
os.environ["PROMPTLAYER_API_KEY"] = "*****"
```

Use the PromptLayerOpenAI LLM like normal

You can optionally pass in `pl_tags` to track your requests with PromptLayer's tagging feature.

```
llm = PromptLayerOpenAI(pl_tags=["langchain"])  
llm("I am a cat and I want")
```

```
' to go outside\n\nUnfortunately, cats cannot go outside without being supervised  
by a human. Going outside can be dangerous for cats, as they may come into contact  
with cars, other animals, or other dangers. If you want to go outside, ask your  
human to take you on a supervised walk or to a safe, enclosed outdoor space.'
```

The above request should now appear on your [PromptLayer dashboard](#).

Using PromptLayer Track

If you would like to use any of the [PromptLayer tracking features](#), you need to pass the argument `return_pl_id` when instantializing the PromptLayer LLM to get the request id.

```
llm = PromptLayerOpenAI(return_pl_id=True)  
llm_results = llm.generate(["Tell me a joke"])  
  
for res in llm_results.generations:  
    pl_request_id = res[0].generation_info["pl_request_id"]  
    promptlayer.track.score(request_id=pl_request_id, score=100)
```

[Skip to main content](#)

Using this allows you to track the performance of your model in the PromptLayer dashboard. If you are using a prompt template, you can attach a template to a request as well. Overall, this gives you the opportunity to track the performance of different templates and models in the PromptLayer dashboard.