

1.1.2 Large Language Model Deployment

Note: This section outlines the steps to register on the official OpenAI website and obtain the API key for the Large Language Model.

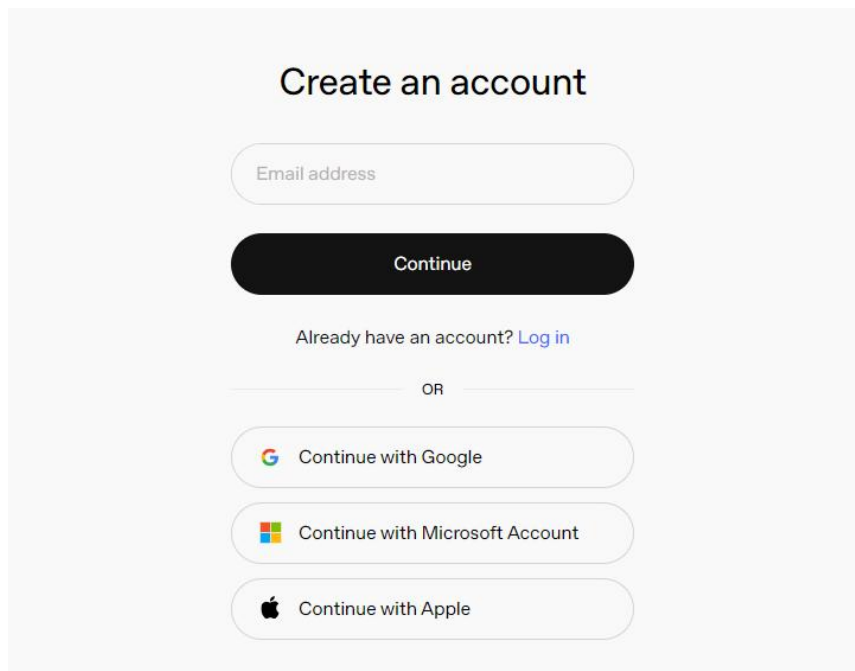
1. OpenAI Account Registration and Setup

- 1) Copy the following URL: <https://platform.openai.com/docs/overview>

Open the OpenAI website and click on the "Sign Up" button in the top right corner.

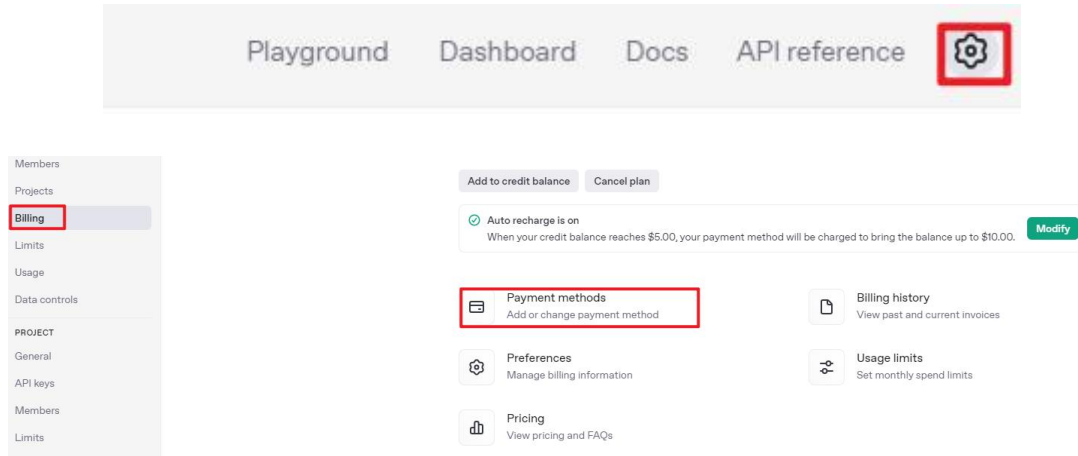


- 2) Follow the prompts to register and log in using your Google, Microsoft, or Apple account.

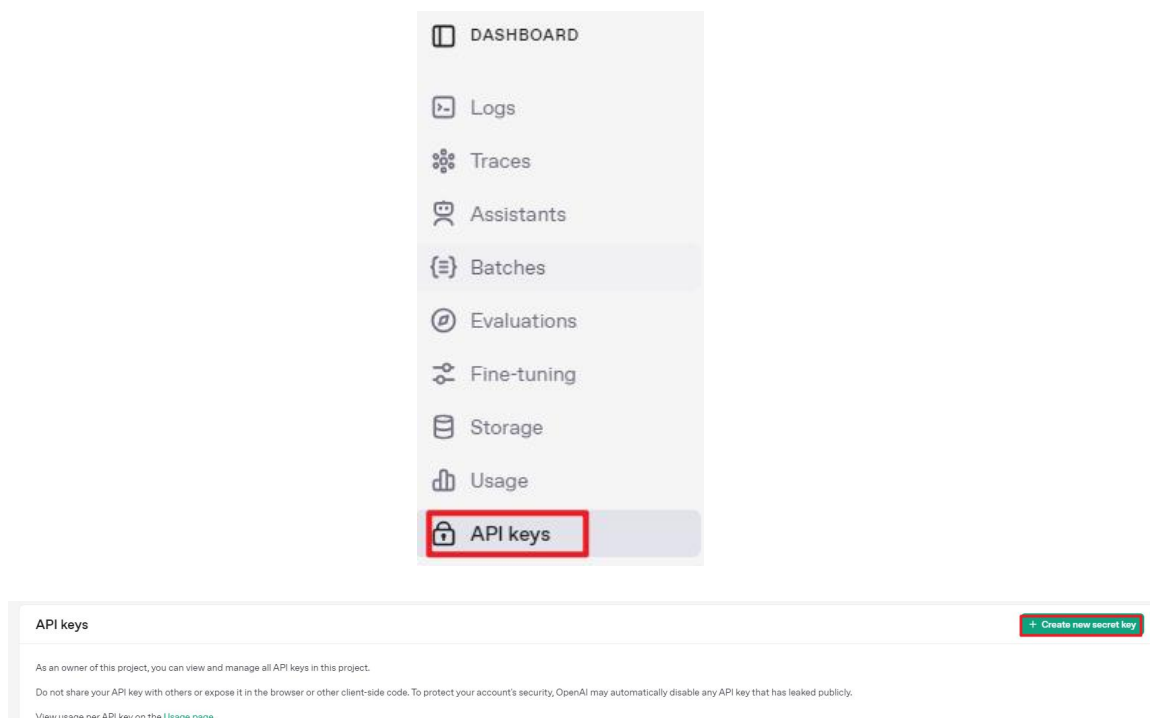


- 3) Click on the settings icon, then select Billing, followed by Payment

Methods, to link your payment method. Recharge your account to purchase tokens.



- 4) After completing the setup, click on API Keys, then select Create New Secret Key. Follow the prompts to fill in the required information. Once the key is created, make sure to save it for future use.



Create new secret key

Owned by

☐ You ☐ Service account

This API key is tied to your user and can make requests against the selected project. If you are removed from the organization or project, this key will be disabled.

Name Optional

Project

Permissions

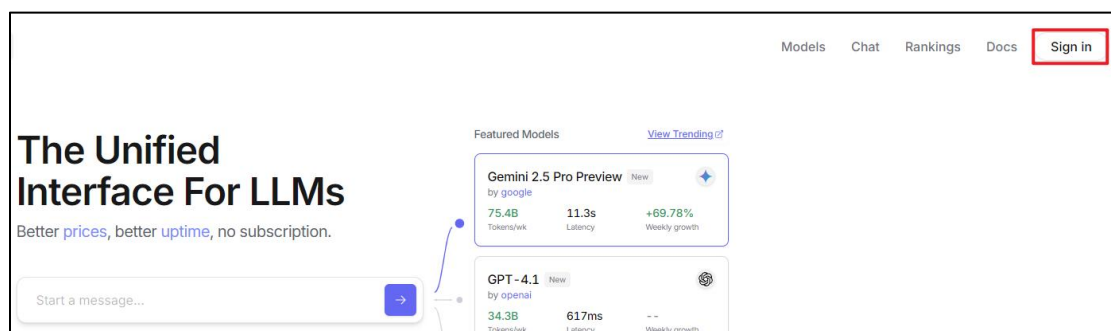
☐ All ☐ Restricted ☐ Read only

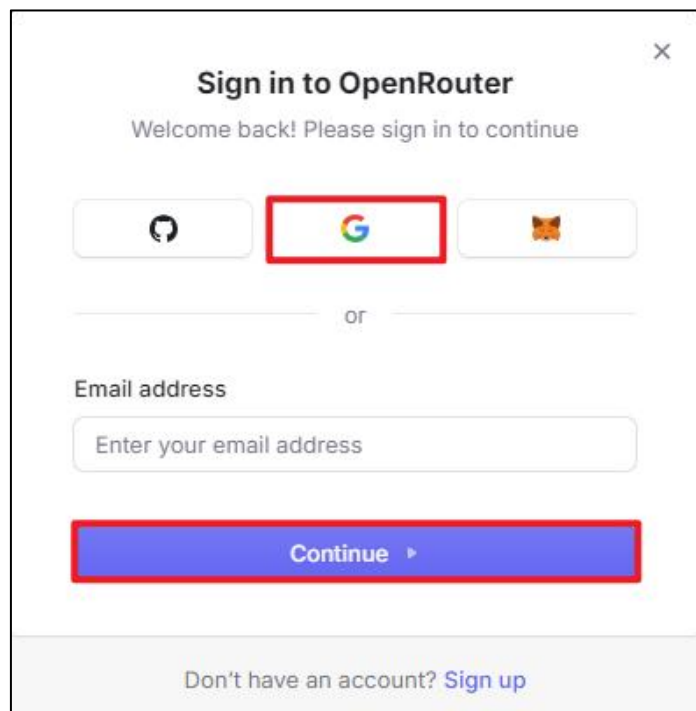
- 5) With these steps, the large model has been successfully created and deployed. You can now use the API in the upcoming lessons.

2. OpenRouter Account Registration and Setup

- 1) Copy the following URL: <https://openrouter.ai/>

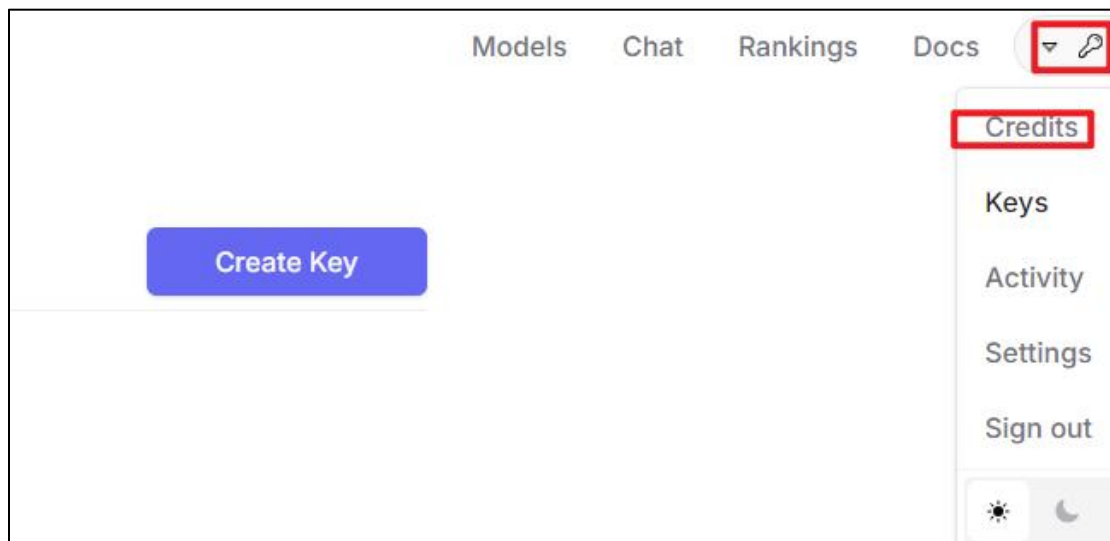
Open the webpage in your browser and click "Sign In". Register using your Google account or another available login option.

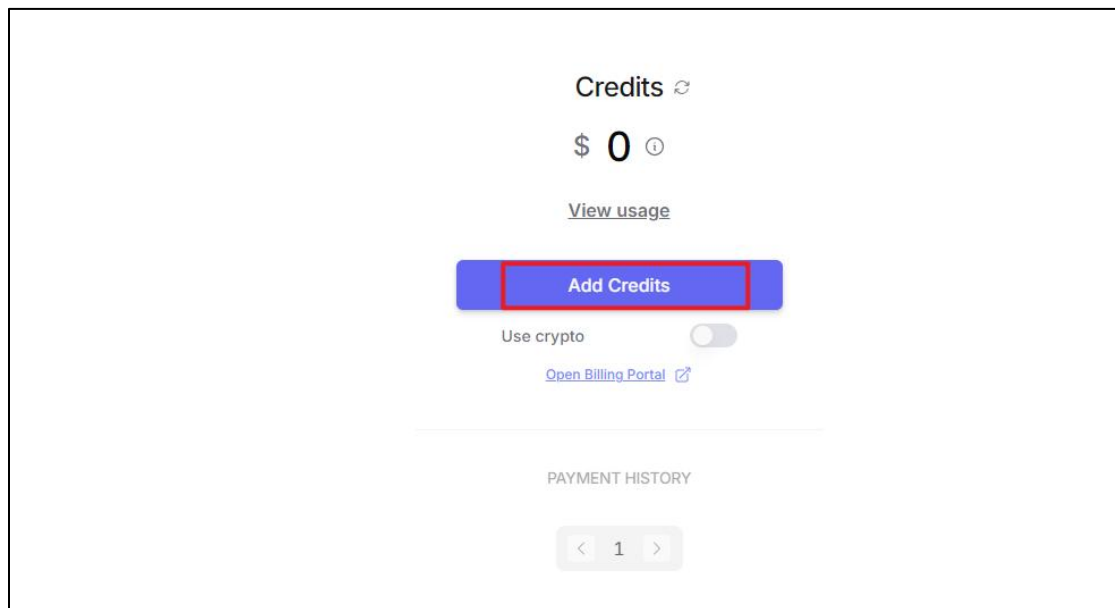




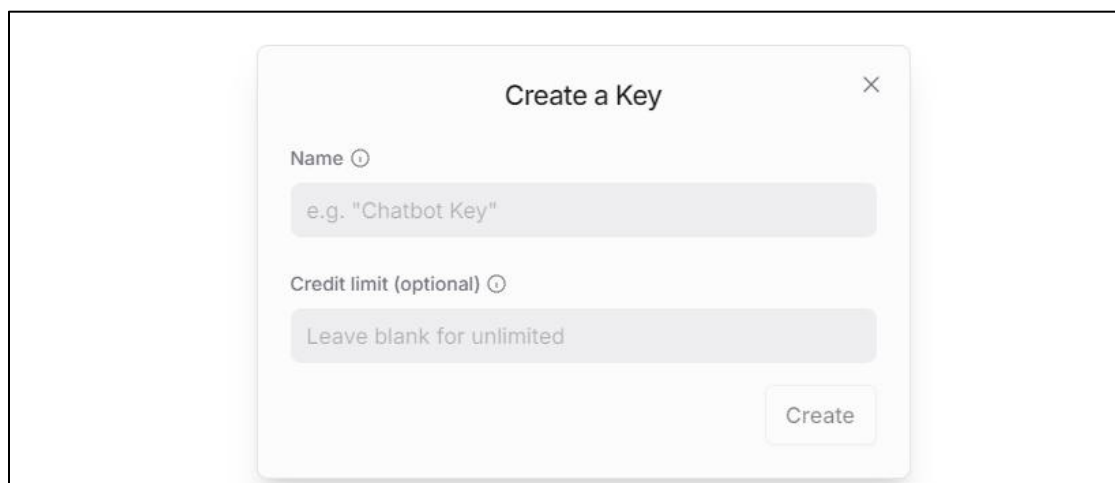
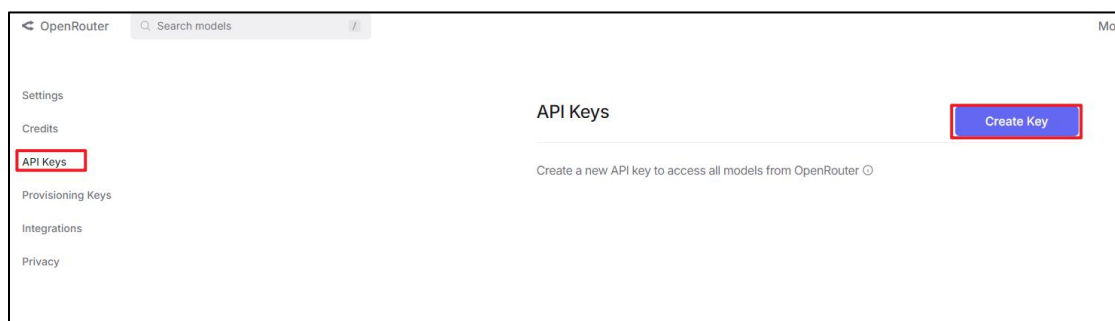
A modal window titled "Sign in to OpenRouter" with a close button (X) in the top right corner. Below the title is the text "Welcome back! Please sign in to continue". There are three social login buttons: GitHub, Google (highlighted with a red rectangle), and GitHub. Below these is a horizontal line with the word "or" in the center. Underneath is a text input field labeled "Email address" with the placeholder text "Enter your email address". Below the input field is a blue button labeled "Continue" with a right-pointing arrow, which is highlighted with a red rectangle. At the bottom of the modal is a link that says "Don't have an account? Sign up".

- 2) After logging in, click the icon in the top-right corner and select "Credits" to link your payment method.





- 3) To create an API key, go to "API Keys", then click "Create Key". Follow the prompts to complete the process. Once the key is generated, make sure to save it for future use.



- 4) At this point, the large model is successfully created and deployed. You

can now use the API in the upcoming lessons.