

Lab: OpenAI Account Setup and API Key Generation

Estimated Time: 30 minutes

In this **optional** lab, you'll learn how to create an OpenAI account and generate an OpenAI API key.

Important! This lab is not required for the successful completion of this course. If you choose to complete this lab, the vendor will require a credit card for access to the API and to generate an API. You are responsible for the usage of your credit card and any other charges or fees that you incur.

Learning Objectives

After completing this lab, you should be able to perform the following tasks:

- Set up an OpenAI Account
- Generate an OpenAI/ Chat GPT API key

Task 1: Steps to create an OpenAI Account

Note: Please create a new OpenAI account for API key generation.

Step 1: Launch the Website: [OpenAI Sign Up](#)

Enter your email ID and click **Continue**.

Create your account

Email address

Continue

Already have an account? [Log in](#)

OR

Continue with Google

Continue with Microsoft Account

Continue with Apple

Note: You can use your Google/Microsoft/Apple ID username/password to login by selecting the option below to create your account.

Step 2: Create a new password as per the prompt. Press **Continue**.

Create your account

[calvinley@gmail.com](#) [Edit](#)

Password [Edit](#)

Your password must contain:

- ✓ At least 12 characters

[Continue](#)

Step 3: Verify your email address. OpenAI will send a verification email with a link to confirm your registration.

Verify your email

We sent an email to [calvinley@gmail.com](#).

Click the link inside to get started.

 [Open Gmail](#)

[Resend email](#)

Step 4: Enter your details: First name/Last name and date of birth in MM/DD/YYYY format. Click **Agree**.

Tell us about you

By clicking "Agree", you agree to our [Terms](#) and have
read our [Privacy Policy](#)

Step 5: An OpenAI landing page will appear. Please select **Key** logo ->**API Key** or use the link provided in the next section for API key generation.

The screenshot shows the OpenAI developer platform documentation at platform.openai.com/docs/overview. The page has a dark header with navigation icons and the URL. Below the header, there's a sidebar with various icons (Playground, Assistants, Fine-tuning, API keys, Files, Usage, Settings) and a search bar with a 'Search' button and keyboard shortcut 'CTRL K'. The main content area features a 'GET STARTED' section with links to 'Overview', 'Introduction', 'Quickstart', 'Models', 'Tutorials', and 'Changelog'. The 'Overview' link is highlighted with a green background. A red box highlights the 'API keys' icon in the sidebar.

The screenshot shows the 'API keys' page of the OpenAI developer platform at platform.openai.com/api-keys. The left sidebar is identical to the documentation page, with the 'API keys' icon highlighted by a red box. The main content area is titled 'Welcome to the OpenAI developer platform' and features a 'Start with the basics' section with two large colored buttons: 'Quickstart tutorial' (blue gradient) and 'Examples' (red gradient).

Task 2: How to get OpenAI/ Chat GPT API key

Step 1: Log in here : [OpenAI API Key](#).

Step 2: Select Verify your phone number to create an API Key.

The screenshot shows the 'Verify your phone number to create an API key' page. The left sidebar is visible with the 'API keys' icon highlighted. The main content area contains instructions: 'Your secret API keys are listed below. Please note that we do not display your secret API keys again after you generate them.' and 'Do not share your API key with others, or expose it in the browser or other client-side code. In order to protect the security of your account, OpenAI may also automatically disable any API key that we've found has leaked publicly.' Below this is a button labeled 'Verify your phone number to create an API key' with a 'Start verification' button next to it. A message box states: 'You currently do not have any API keys. Create one using the button below to get started.' At the bottom, there's a link '+ Create new secret key'.

Step 3: Provide your phone number and indicate your preferred method for receiving the Verification Code.

Verify your phone number



Do you have  WhatsApp?

[YES](#) [NO](#)

Send code via SMS

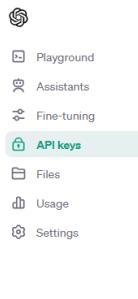
Step 4: Enter the Verification Code that you have received via SMS/WhatsApp.

Enter code

[Go back](#)

Please enter the code we just sent you.

Step 5: Select **Create new Secret Key**.



NAME	KEY	CREATED	LAST USED
MyOpenApiKey	sk-...chz6	Nov 28, 2023	Never

[+ Create new secret key](#)

Step 6: Give a name to the API key that will be generated. Click **Create secret Key**.

Create new secret key

Name Optional

[Cancel](#)

Create secret key

Step 7: Your OpenAPI key is now generated. Copy/paste the secret API key generated by clicking the button next to it. Since you will not be able to view this key later, ensure that you store it securely. Click **Done** once the task is finished.

Create new secret key

Please save this secret key somewhere safe and accessible. For security reasons, **you won't be able to view it again** through your OpenAI account. If you lose this secret key, you'll need to generate a new one.

k-vcD8yp0OMm4n4BXj04dXT3BlbkFJecmz87yJ3DxUKfZchr6



Done

Note: If you face any issues with API key in the labs ,obtain a new email and register. Utilize the new email to generate the API key and follow the steps mentioned above.

Congratulations! You just completed this lab successfully on Setting up an OpenAI Account and Open AI API Key Generation.

Summary

In this lab, you have set up an OpenAI Account and generated an OpenAI API key.

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