

InstructLab Using IBM Granite Model

The InstructLab UI enables users to focus on enhancing the open-source LLM's capabilities without needing to worry about the tools and processes and allow them to focus on the content of the contribution. This intuitive UI can be used by a wide spectrum of users ranging from GitHub and YAML savvy developers to those who do not have any familiarity with these tools.

Requirements

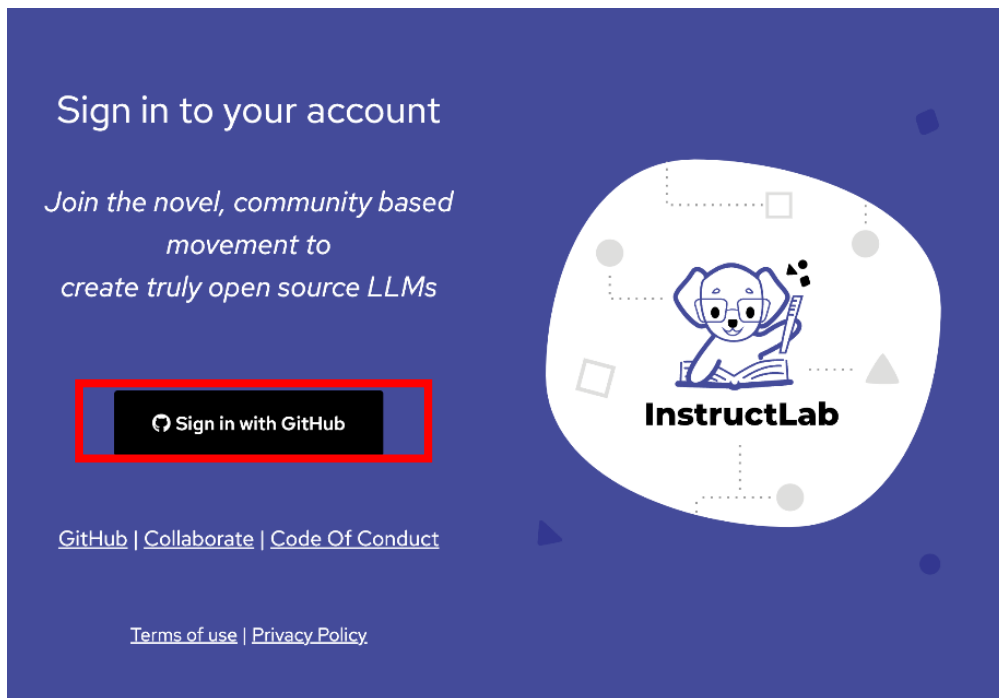
To complete this tutorial, ensure you have the following:

1. You must have a [GitHub](#) account.
2. **Important:** Make sure that you populate your name in your GitHub account by editing the name field here. This GitHub name field is required to populate the name field in InstructLab UI.
3. Make sure to uncheck Keep my email addresses private in your GitHub account [here](#). This setting is required to populate the email field in InstructLab UI.


Step1: Gain access to InstructLab UI

[InstructLab UI](#) is currently released as a beta version. To access the UI, you must request access through performing the steps in this section. The steps in this section need to be done only the first time you are accessing the InstructLab UI.

1. Open [InstructLab UI](#), and click **Sign in with GitHub**.



2. On the GitHub login page, login with your user name and password.



Sign in to GitHub

Username or email address

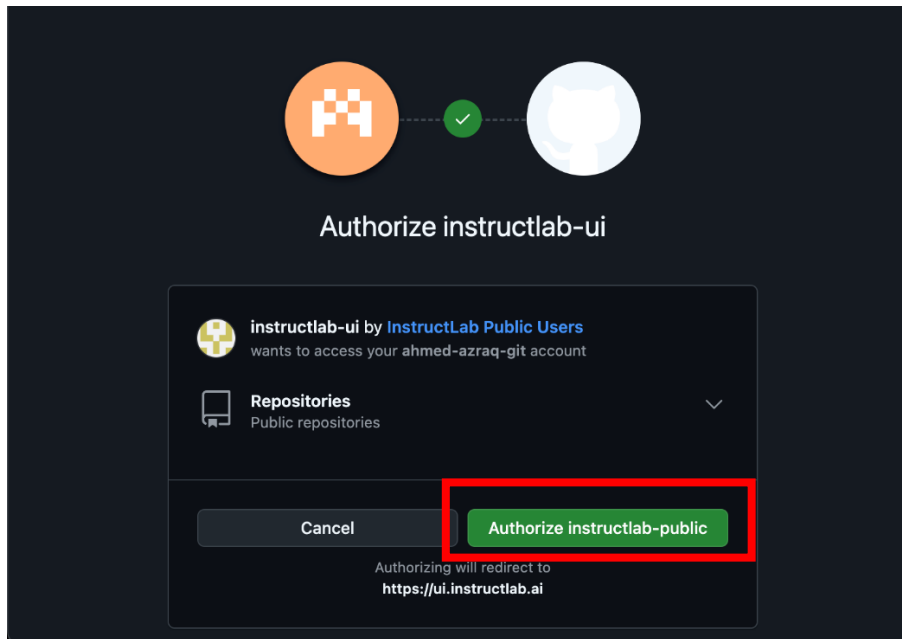
Password [Forgot password?](#)

Sign in

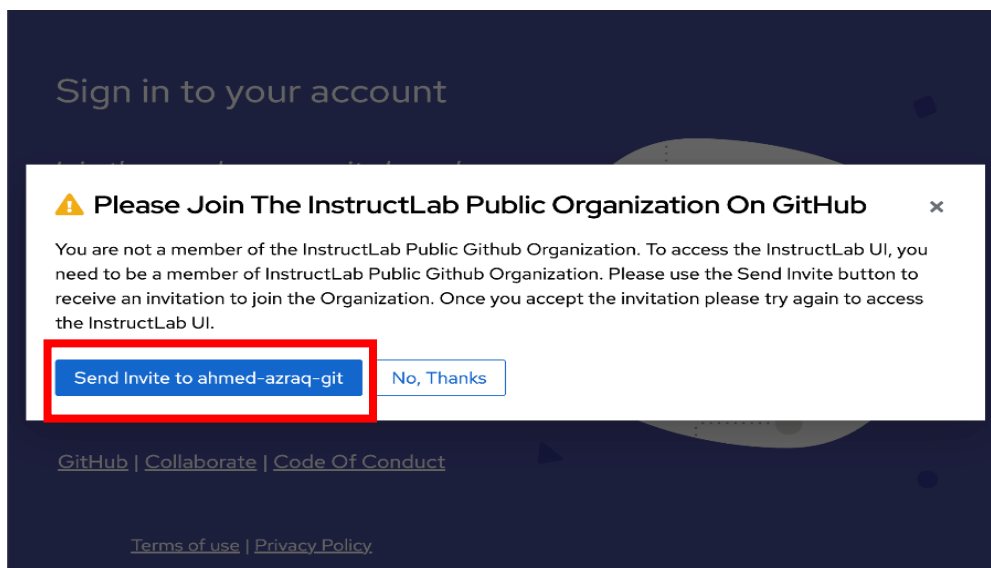
[Sign in with a passkey](#)

New to GitHub? [Create an account](#)

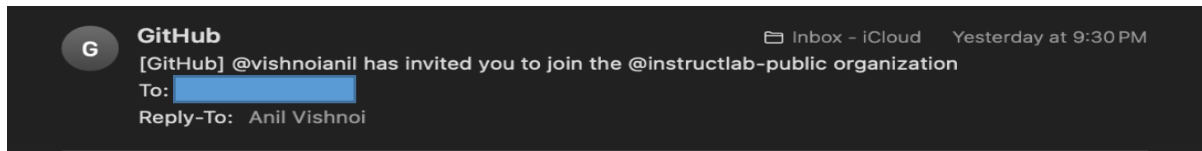
3. You must authorize InstructLab UI to be able to access your GitHub account. This is required because InstructLab UI allows you to pull PRs, fork the repositories, and submit PRs directly. Click **Authorize instructlab-public**.



4. You must be part of the [instructlab-public GitHub organization](#) to be able to access InstructLab UI. You can self-invite yourself. Once you login with your GitHub account, InstructLab UI will detect that you are not part of instructlab-public organization, and it will show a pop-up that has a button to self-invite to the organization. Click **Send Invite**.



5. Check your email, you should receive an email from GitHub with the organization invitation. Click **Join @instructlab-public** to join the organization.



@vishnoianil has invited you to join the @instructlab-public organization

@vishnoianil has invited you to join the instructlab-public organization

Hi [redacted]

@vishnoianil has invited you to join the @instructlab-public organization on GitHub. Head over to <https://github.com/instructlab-public> to check out @instructlab-public's profile.

This invitation will expire in 7 days.

[Join @instructlab-public](#)

Note: If you get a 404 page, make sure you're signed in as [redacted]

You can also accept the invitation by visiting the organization page directly at <https://github.com/instructlab-public>. If @vishnoianil is sending you too many emails, you can [block them](#) or [report them for abuse](#).

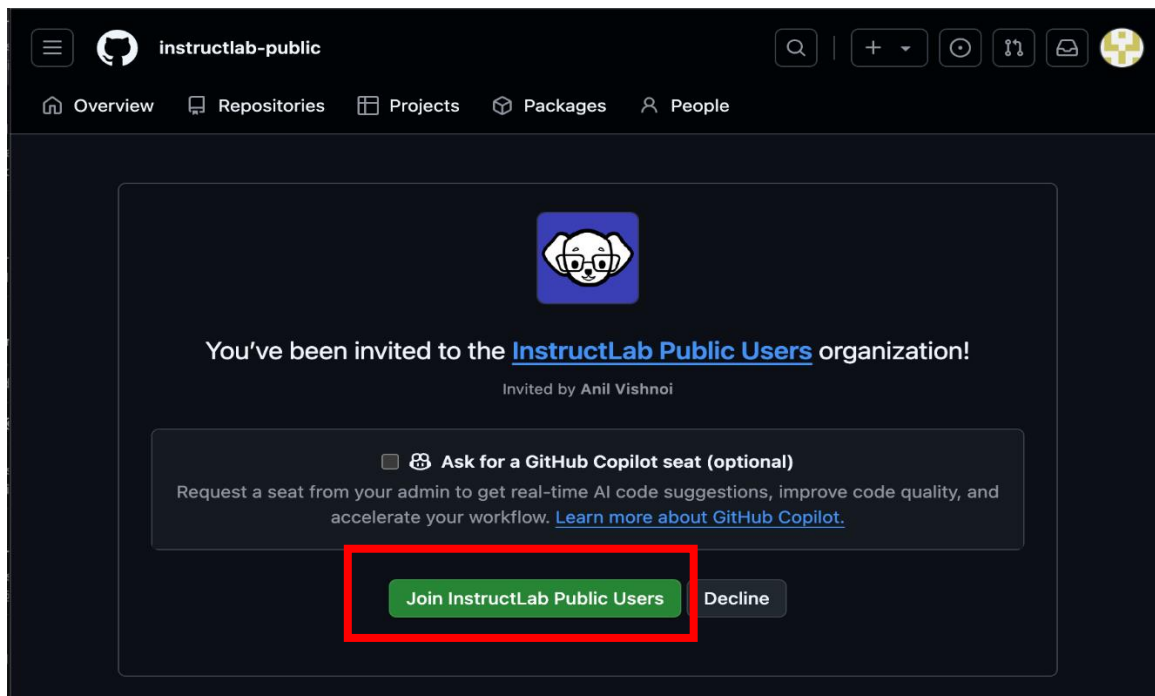
Button not working? Paste the following link into your browser:
https://github.com/orgs/instructlab-public/invitation?via_email=1

[Opt out of future invitations from this organization](#) · [Manage your GitHub email preferences](#) · [Terms](#) · [Privacy](#) · [Sign in to GitHub](#)

You're receiving this email because @vishnoianil invited you to an organization on GitHub.

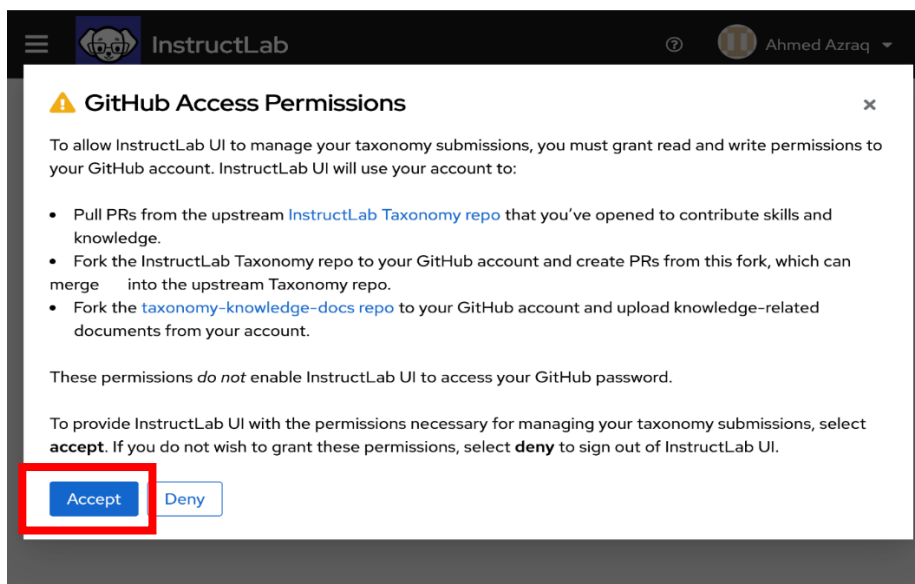
GitHub, Inc. · 88 Colin P Kelly Jr Street · San Francisco, CA 94107

6. On the GitHub UI, click **Join InstructLab Public Users** to accept the organization invitation



7. Now, you should be able to access InstructLab UI. On the [InstructLab UI Login Page](#), click **Sign in with GitHub**.

8. Accept the GitHub access permissions. Click **Accept**.



Step2: Chat with the model

In this section, you are going to chat with the current LLM to see if the model is already trained on the knowledge or skill that you want to contribute or not.

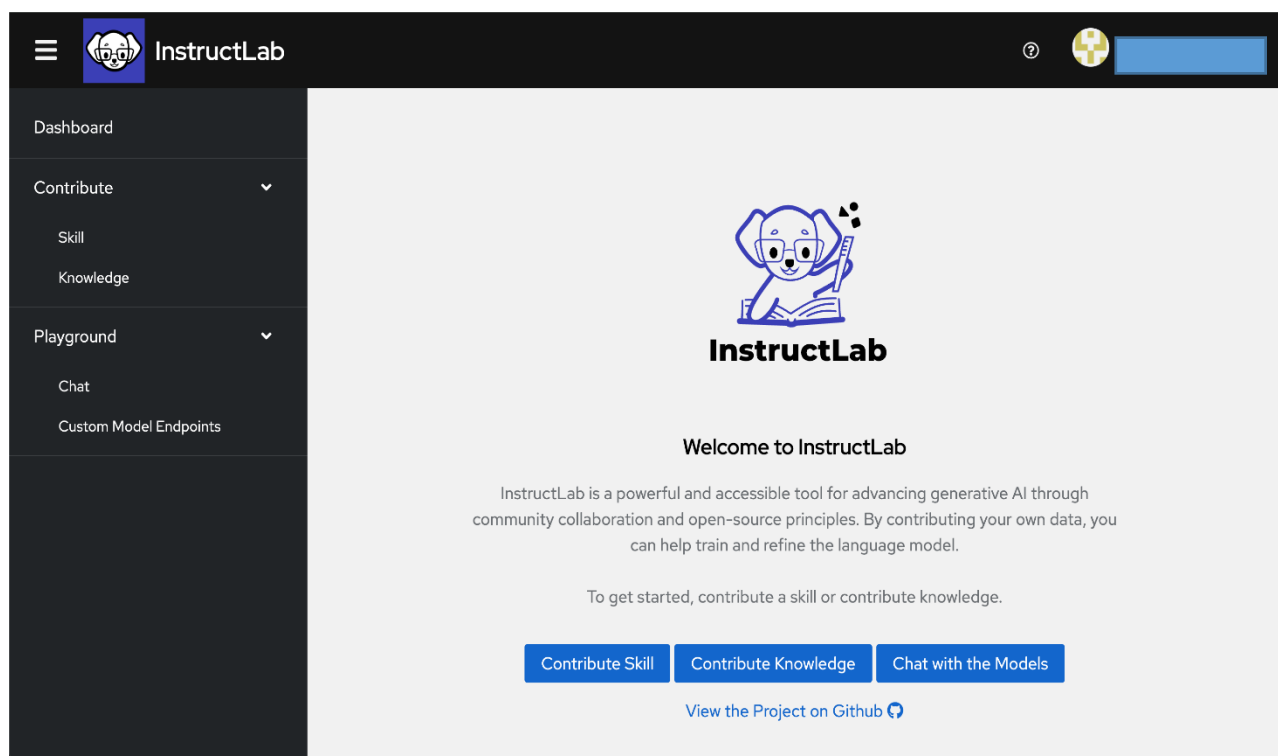
InstructLab UI allows you to chat with these two models (as of the time of writing this tutorial):

- [Granite-7b](#): Open-source IBM Granite model.
- [Merlinite-7b](#): Derivative model from Mistral-7b, trained with the LAB method.

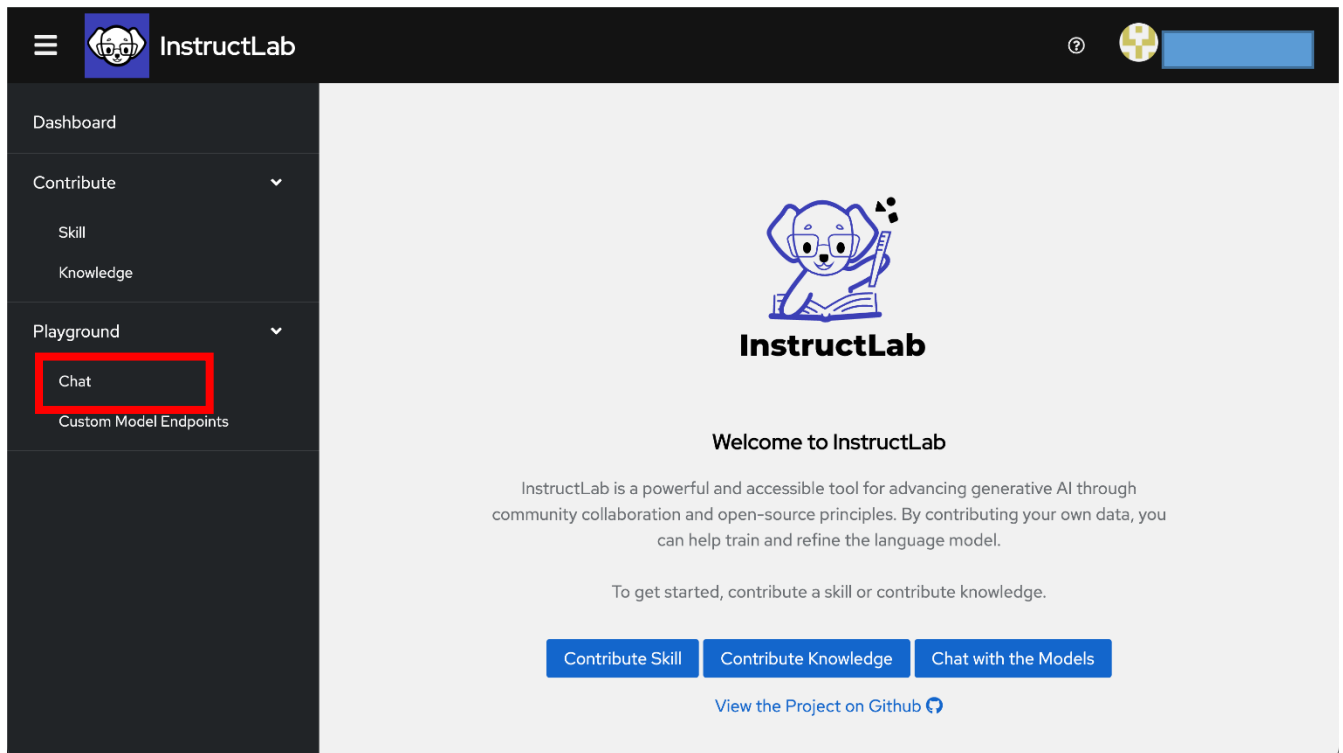
Additionally, you can chat with your own served model by adding its endpoint in **Custom Model Endpoints** in InstructLab UI.

To chat with the model, follow these steps:

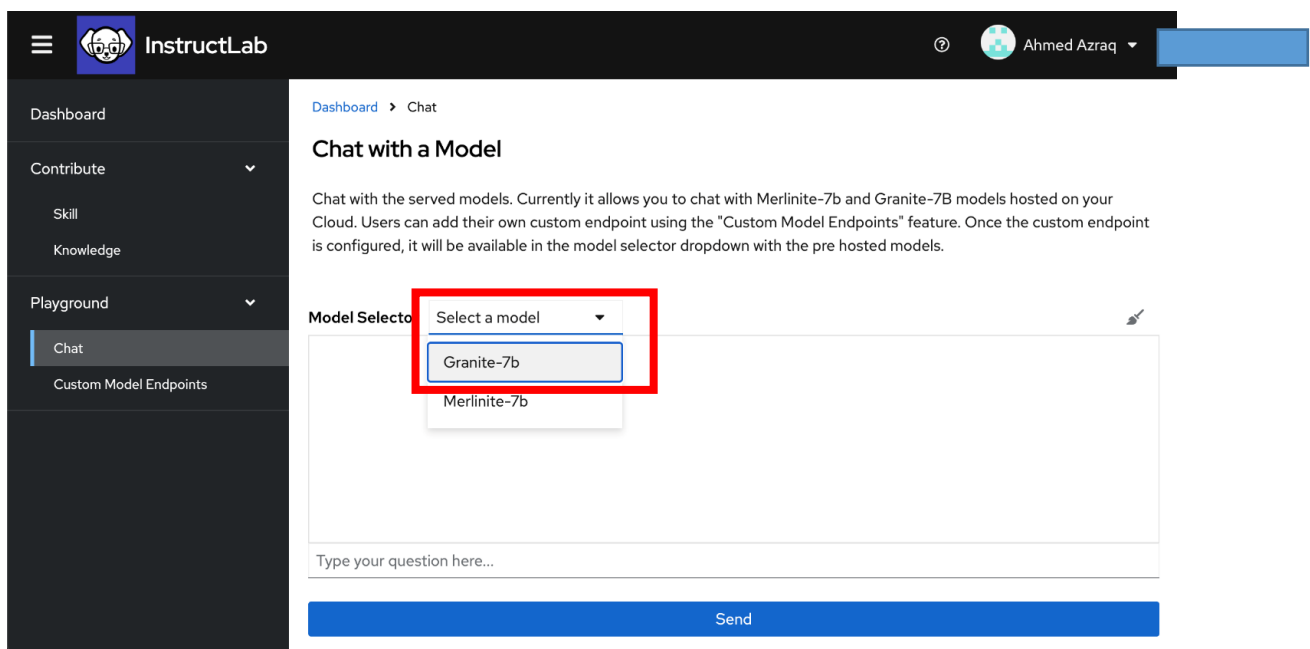
1. Open [InstructLab UI](#).



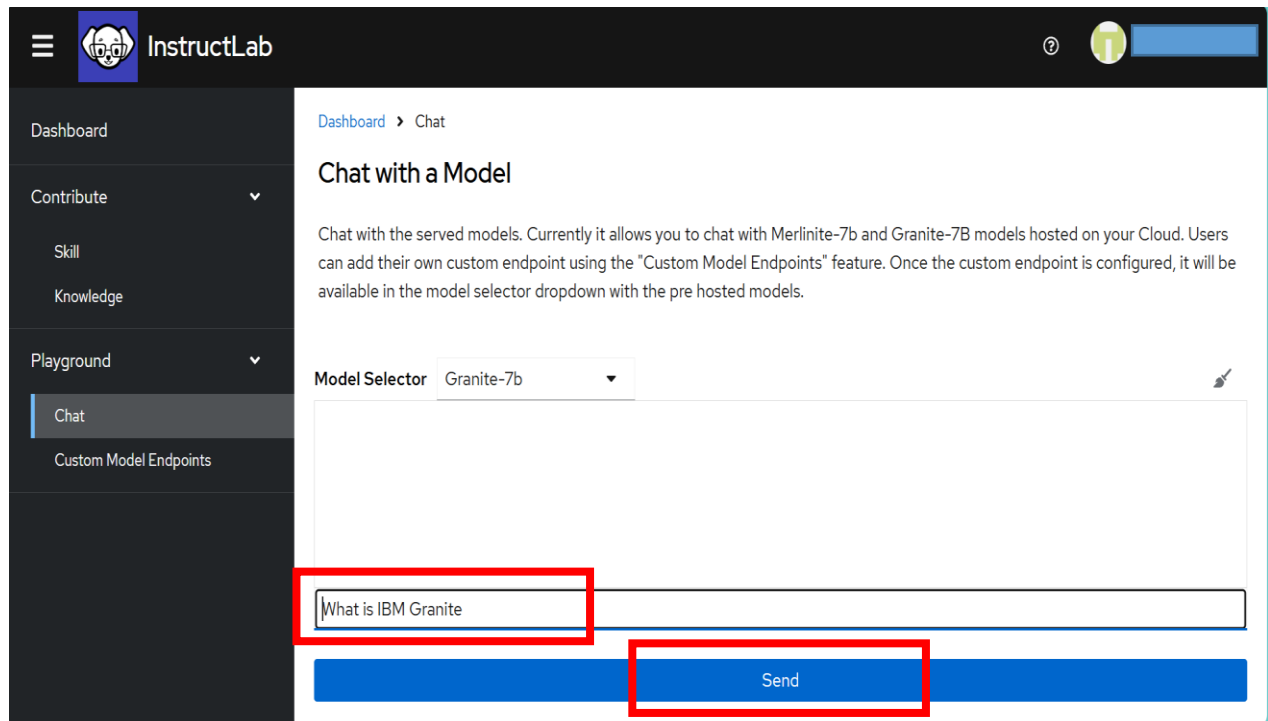
2. Navigate to Playground > Chat.



3. In the **Model Selector**, select the model you want to chat with. Select **Granite-7B** from the dropdown list.



4. Type **What is IBM Granite**, and then click **Send**.



5. Result

