

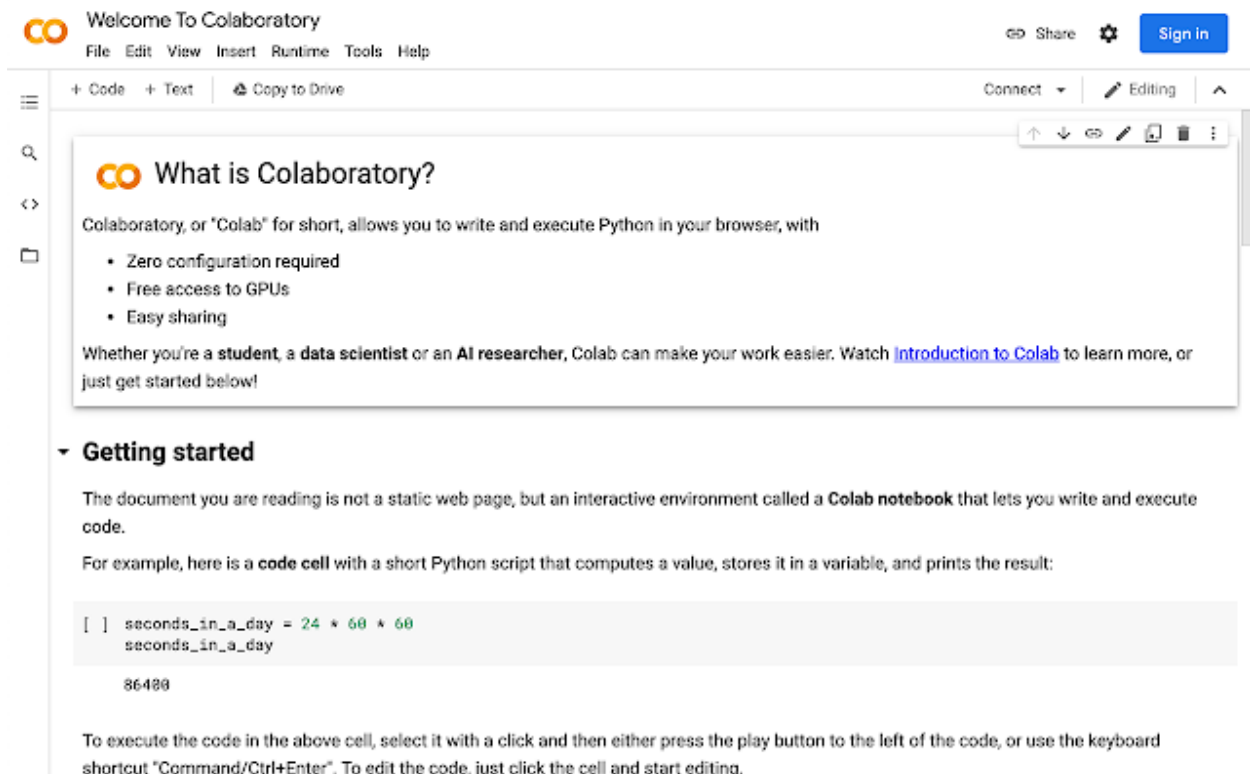
Google Colab Tutorial

Provides a free cloud service based on Jupyter Notebooks that supports **free GPU**

- Supports **Python 2.7** and **3.6**
- Create notebooks in Colab, upload notebooks, store notebooks, share notebooks, mount your Google Drive and use whatever you've got stored in there, import most of your favorite directories, upload your personal Jupyter Notebooks, upload notebooks directly from GitHub

If you want, while you're already in your Google Drive you can create a new Colab notebook. Just click "New" and drop the menu down to "More" and then select "Colaboratory."

Don't see it? Select 'connect more apps' and install collaboratory.



The screenshot shows the Google Colaboratory web interface. At the top, there's a header with the Colab logo, 'Welcome To Colaboratory', and a menu bar with 'File', 'Edit', 'View', 'Insert', 'Runtime', 'Tools', and 'Help'. On the right, there are buttons for 'Share', 'Settings', and 'Sign In'. Below the header, there's a toolbar with '+ Code', '+ Text', 'Copy to Drive', 'Connect', and 'Editing'. The main content area is titled 'What is Colaboratory?' and contains the following text:

Colaboratory, or "Colab" for short, allows you to write and execute Python in your browser, with

- Zero configuration required
- Free access to GPUs
- Easy sharing

Whether you're a **student**, a **data scientist** or an **AI researcher**, Colab can make your work easier. Watch [Introduction to Colab](#) to learn more, or just get started below!

Getting started

The document you are reading is not a static web page, but an interactive environment called a **Colab notebook** that lets you write and execute code.

For example, here is a **code cell** with a short Python script that computes a value, stores it in a variable, and prints the result:

```
[ ] seconds_in_a_day = 24 * 60 * 60
    seconds_in_a_day

86400
```

To execute the code in the above cell, select it with a click and then either press the play button to the left of the code, or use the keyboard shortcut "Command/Ctrl+Enter". To edit the code, just click the cell and start editing.

Set up your free GPU

Want to use GPU? It's as simple as going to the “runtime” dropdown menu, selecting “change runtime type” and selecting GPU in the hardware accelerator drop-down menu!

Mounting your google drive as a local folder in colab:

e.g., So u don't have to download your code each time you need to work on it. (Store it locally in your colab)