

Using Google Colab

Google Colab is your convenient solution for writing and running code. It's a fully online Python code editor, eliminating the need to install Python or any relevant libraries on your local machine.

Opening Google Colab

1. Visit <https://colab.research.google.com/>

If you're not signed in to Google, don't worry. Just click the blue 'Sign In' button on the top right of your screen and you're good to go.

2. Creating a new notebook is straightforward. Just click on the blue 'New Notebook' button near the bottom left of your screen.
3. Name your new notebook appropriately on the top left of your screen.

Guidelines for Usage

1. Avoid sharing your notebooks with students outside of your homework/project groups.
2. Avoid using any generative AI tools, including Colab's built-in generative AI.

How to Use

- Write Python code within the editor. Click on the play button to the left to run the code.
- When you first run a Colab notebook, it may take 10-15 seconds to initialize. This process involves setting up the necessary environment for your code to run, including loading any required libraries and preparing the runtime. Subsequent runs should be much faster as the environment is already set up.
- Colab comes with Python and most (if not all) of the libraries used in this class. No additional installations are necessary.
- Colab notebooks are stored on your Google Drive, just like Google Docs.

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