

CSE 415 A6 Instructions for Getting Set Up with Google Colab (Draft version 0.9 – Subject to change)

- Navigate to <https://colab.research.google.com/>
- Upload the iPython notebook provided from your machine: cse415a6.ipynb
 - Note: Once uploaded, the file and any changes made in it remain in the cloud (Google Drive). You should explicitly save (download) it for submission.
- Follow the instructions below for the initial setup:

To enable GPU use:

1. Click Edit -> Notebook settings
2. Under Runtime type, select Python 3
3. Under Hardware Accelerator, select GPU
4. On the right side of the page, click connect to a hosted runtime

If you ever see an error about needing third-party cookies enabled, you can disable blocking them or whitelist them. Here is a simple way to whitelist (in Chrome):

1. Go to Settings and look for "content settings" (or similar, depending on your browser version)
 2. Click the "content settings" button
 3. Click "Cookies"
 4. Uncheck "Block third-party cookies" or click Add next to Allow and type `https://[*.]googleusercontent.com:443`
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1. First try restarting the runtime via Runtime -> Restart Runtime
 2. Then try to run the above again.
 3. If this still doesn't work, call Reset All Runtimes. This is the nuclear option that will delete all your data not saved on your personal drive account, and will erase everything you installed.
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- All the datasets and models will be stored in the Google Drive folder (as specified by you in the notebook) of the Google account you have chosen. If the Drive doesn't connect after it seemed to have worked before:
 - First try restarting the runtime via Runtime -> Restart Runtime
 - Then try to run the above again.
 - If this still doesn't work, call Reset All Runtimes. This is the nuclear option that will delete all your data not saved on your personal drive account, and will erase everything you installed.
 - In Google Colab, there are two types of cells – text cells and code cells
 - To edit text cells, double-click in it, do the changes and then press 'esc'. All changes will be saved

- To edit code cells, simply click where you want to edit. Then to Run the code cell, use the Run menu / shortcut / click the “ [] “ on the left corner of the cell. Once it runs, it will turn into a circled triangle facing to the right.
- If you want to, at any point in time, you can clear all cell outputs using Edit -> Clear all outputs. However, you should retain the cell outputs while downloading the final version for submission.